R27. Administrative Services, Fleet Operations.
R27-1. Definitions.
R27-1-1. Authority.

(1) This rule is established pursuant to Section 63A-9-401, which requires the Department of Administrative Services, Division of Fleet Operations, to establish rules regarding the State Fleet.

R27-1-2. Definitions.

In addition to the terms defined in Section 63A-9-101, as used in Title 63A, Chapter 9, or these rules the following terms are defined.

(1) "Accident" means any occurrence, in which a state vehicle is involved in a mishap resulting in harm or injury to persons, or damage to property, regardless of total cost of treatments or repairs. It may also be referred to as an incident.

(2) "Accident Review Committee (ARC)" means the panel formed by each agency to review accidents in which agency employees are involved and make a determination as to whether or not said accidents were preventable.

(3) "ACD Codes" means the American Association of Motor Vehicle Administrators Code Dictionary Codes.

(4) "Agency" has the same meaning as provided in Section 63A-9-101(1)(a),(b), and (c).

(5) "Agency Motor Vehicle Policy (AMV)" means any policy written by an agency that covers any agency-specific needs involving the use of a state vehicle that are not addressed by state vehicle rules. Agencies shall not adopt policies that are less restrictive than the State vehicle rules.

(6) "Alternative Fuel Vehicles (AFV)"means any vehicle designed and manufactured by an original equipment manufacturer or a converted vehicle designed to operate either on a dual-fuel, flexible-fuel, or dedicated mode while using fuels other than gasoline or diesel. Examples of alternative fuel types are electricity, bio-diesel, fossil-fuel hybrids, compressed natural gas, propane, hydrogen, methanol, ethanol, and any other vehicle fuel source approved by the Federal government's Department of Energy (DOE). AFVs shall be identified and tracked in DFO's fleet information system.

(7) "Authorized Driver" means any employee, as defined in Section 63G-7-102, of an agency who has been identified by the agency in DFO's Fleet Information System as having the authority, within his or her scope of employment, to operate a state vehicle on the agency's behalf, who holds a valid driver license, and has completed the specific training and other criteria required by DFO, Risk Management or employing agency for the vehicle type that will be operated. An Authorized Driver may also be referred to as operator, employee or customer.

(8) "Authorized Passenger" means any state employee acting within the scope of his or her employment, or any other person or animal whose transport is either necessary for the performance of the authorized driver's employment duties, or has been pre-approved by the appropriate department head to accompany an authorized driver.

(9) "Capital only lease vehicle" means any vehicle with a lease designed to recover depreciation cost, (vehicle cost less salvage value spread over the estimated useful life of the vehicle, less the incremental cost of Alternative Fuel Configuration), plus overhead costs only. Capital only leases are subject to DFO approval.

(10) "Citizen Complaints" means complaints lodged by citizens through the DFO website.

(11) "Commute Use" means an employee driving a state vehicle from the employee's place of business to the employee's place of residence more than five calendar days per month.

(12) "Compressed Natural Gas Vehicle (CNG)" means any vehicle that may be fueled with compressed natural gas.

(13) "Department" means the Department of Administrative Services.

(14) "Division" has the same meaning as provided by Section 63A-9-101(4).

(15) "Driver Eligibility Board (DEB)" means the panel formed for the purpose of determining a state vehicle driving privileges.

(16) "Drivers License Points" means points placed on a drivers record by the Department of Motor Vehicles in response to driving violations.

(17) "Emergency Vehicle" means any state vehicle which is primarily used for the purpose of providing law enforcement and public safety services as defined in Section 41-6a-102(3), or fire service, or emergency medical services.

(18) "Expansion vehicle" means any vehicle purchased when an agency requires an additional vehicle in order to complete the duties assigned to the requesting agency and will increase the size of the state fleet. The purchase of an expansion vehicle requires legislative approval.

(19) "Extreme Duty Vehicle" a designation used for preventive maintenance purposes, means, but is not limited to, emergency vehicles and vehicles driven primarily off-road.

(20) "Feature" means any option or accessory that is available from the vehicle manufacturer.

(21) "Fixed costs" means, for the purposes of this rule, costs including depreciation, overhead, licensing, betterment, insurance, and title costs, as well as registration fees.

(22) "Fleet Vehicle Advisory Committee" means the panel formed for the purpose of advising DFO, after input from user agencies, as to the vehicle, included features, and equipment that will constitute the standard vehicle for each class in the fleet.

(23) "FO number" means a vehicle specific number assigned to each state vehicle for tracking purposes.

(24) "Fuel Network" means the state program that provides an infrastructure for fueling state vehicles.

(25) "Full Service Lease" means a type of lease designed to recover depreciation costs, overhead costs and all variable costs.

(26) "Heavy-duty Vehicle" means any motor vehicle having a gross vehicle weight range (GVWR) greater than 8,500 pounds. In addition to vehicles licensed for on road use, includes non-road vehicles, as defined in R27-1-2(30), with a GVWR greater than 8,500 pounds. Heavy-duty vehicles shall be tracked in DFO's fleet information system.

(27) "Light-duty Vehicle" means any motor vehicle having a gross vehicle weight rating (GVWR) of 8,500 pounds or less. In addition to vehicles licensed for on road use, includes non-road vehicles, as defined in R27-1-2(30), with a GVWR of 8.500 pounds or less. Light-duty vehicles shall be tracked in DFO's fleet information system.

(28) "Miscellaneous Equipment" means any equipment, enhancement or accessory that is installed on or in a motor vehicle by persons other than the original vehicle manufacturer, and other non-fleet related equipment. Includes, but is not limited to, light bars, 800 MHz radios, transits, surveying equipment, traffic counters, semaphores, and diagnostic related equipment. Miscellaneous Equipment shall be tracked in DFO's fleet information system.

(29) "Motor Pool" generally, means any vehicle that is made available to agencies for lease on a short-term basis.

(30) "Motor Vehicle" has the same meaning as provided by Section 63A-9-101(6).

(31) "Motor Vehicle Review Committee (MVRC)" means the panel formed to advise the Division of Fleet Operations (DFO), as required by Subsection 63A-9-301(1). The duties of the MVRC are as specified in Section 63A-9-302.

(32) "Moving Violation" means an infringement of the law while operating a moving vehicle.

(33) "Non-Preventable Accident" means any occurrence

involving an accident/incident in which everything that could have been reasonably done to prevent it was done and the accident/incident still occurred. Non-preventable accidents shall include vandalism of state vehicles being used to conduct state business.

(34) "Non-road vehicle" means a vehicle, regardless of GVWR, that is not licensed for on-road use. Includes, but is not limited to, vehicles used principally for construction and other non-transportation purposes. Golf carts, farm tractors, snowmobiles, forklifts and boats are examples of vehicles in this category. Non-road vehicles shall be tracked in DFO's fleet information system.

(35) "Other Equipment" means vehicles and equipment not specifically identified in other standard reporting categories.

(36) "Personal Use" means the use of a state vehicle to conduct an employee's personal affairs, not related to state business.

(37) "Preventable Accident" means any occurrence involving a state vehicle, which results in property damage and/or personal injury, regardless of who was injured, what property was damaged, to what extent, or where it occurred, in which the authorized driver in question failed to do everything that could have reasonably been done to prevent it.

(a) Preventable accidents are not limited to collisions.

(b) As used in this rule, "preventable accidents" include, but are not limited to: damage to the interior of the state vehicle due to improperly locked doors, smoke or burn damage caused by smoking in the vehicle or lack of general care of the vehicles interior.

(38) "Preventive Maintenance (PM)" means vehicle services that are conducted at regular time intervals to deter mechanical breakdowns, including, but not limited to, lube, oil and filter changes.

(39) "Regular Duty Vehicle" a designation used for preventive maintenance purposes, means a vehicle that is driven primarily on paved roads under normal driving conditions.

(40) "Replacement cycle" means the criteria established to determine when the replacement of a state vehicle is necessary. A replacement cycle has a time and mileage element, and is established according to vehicle type and use.

(41) "Replacement vehicle" means a vehicle purchased to replace a state vehicle that has met replacement cycle criteria.

(42) "Service Level Agreement (SLA)" means an agreement, signed annually, between an agency and DFO in which the agency agrees to follow all rules, policies and procedures published by DFO concerning the use of state vehicles. This document also clearly defines the level of service between DFO and agencies.

(43) "Standard State Fleet Vehicle" is the vehicle designated by DFO as the default replacement vehicle for the state.

(44) "State of Utah Fuel Card" means a purchase card issued to vehicles by the fuel network program, to be used when purchasing fuel. Fluids and minor miscellaneous items that may also be purchased with the "State of Utah Fuel Card" cannot exceed the monthly monetary limits placed on such purchases by DFO/Fuel Network, unless otherwise authorized.

(45) "State vehicle" for the purposes of this rule, has the same meaning as provided by Subsection 63A-9-101(7).

(46) "Take-home vehicle" means a state vehicle assigned to be driven to and from an employee's place of residence and their assigned work location for more than five calendar days per month.

(47) "Unique Motorized Equipment" (UME) means high-cost vehicles and equipment such as trains; locomotives; airplanes; jets; mobile power stations and helicopters. Unique equipment shall be tracked in DFO's fleet information system.

(48) "Variable costs" means costs including, but are not limited to fuel, oil, tires, services, repairs, maintenance and preventive maintenance.

(49) "Vehicle Identification Number (VIN)" means the number issued by the vehicle manufacturer to identify the vehicle in the event of a theft; this number can be found on the driver's side of the dashboard below the windshield.

(50) "Vendor" means any person offering sales or services for state vehicles, such as preventive maintenance or repair services.

KEY: definitions
April 20, 2009 **63A-9-401**
Notice of Continuation January 30, 2006

R27. Administrative Services, Fleet Operations.
R27-7. Safety and Loss Prevention of State Vehicles.
R27-7-1. Authority.

(1) This rule is established pursuant to Subsection 63A-9-401(1)(d)(iii) which requires the Division of Fleet Operations (DFO) to make rules establishing requirements for fleet safety and loss prevention programs.

R27-7-2. Accident Reporting and Liability.

(1) In the event of an accident involving a state vehicle, either the driver of the vehicle or the employing agency shall notify DFO, the Division of Risk Management, and the agency's management, within 24 hours of the occurrence of the accident.

R27-7-3. Driver Eligibility to Operate a State Vehicle.

(1) The authority to operate a state vehicle is subject to withdrawal, suspension or revocation.

(2) The authority to operate a state vehicle shall be automatically withdrawn, suspended or revoked in the event that an authorized driver's license is not in a valid status.

(a) The authority to operate a state vehicle shall, at a minimum, be withdrawn, suspended or revoked for the period of denial, cancellation, disqualification, suspension or revocation of the authorized driver's license.

(b) The authority to operate a state vehicle shall not be reinstated until such time as the individual provides proof that his or her driver license has been reinstated or DFO verifies the license has been reinstated.

(3) The authority to operate a state vehicle may be suspended or revoked for up to three years by the Driver Eligibility Board for any of the following reasons:

(a) The authorized driver, while acting within the scope of employment, has been involved in 3 or more preventable accidents during a three (3) year period; or

(b) The authorized driver has 4 or more moving violations within a 12 month period; or

(c) The authorized driver has been convicted of any of the following Utah "ACD" codes:

(i) A22 - Driving under the influence of drugs; or

(ii) B23 - Driving while denied; or

(iii) B25 - Driving on revocation; or

(iv) B26 - Driving while suspended; or

(v) M84 - Reckless driving ; or

(vi) S95 - Speed contest (racing) on road open to traffic prior to 5/1/2006; or

(vii) S95 - Speed contest (racing) (1st 60 days-2ndw/I 3 yrs 90 days); or

(viii) U01 - Fleeing or evading police or roadblock; or

(ix) U05 - Using a motor vehicle to aid and abet a felon; or

(x) U31 - Violation resulting in fatal accident; or

(xi) MEC - Driving under the influence of drugs metabolite (MEC) ; or

(xii) A21 - Driving under the influence of alcohol; or

(xiii) B02 - Hit and run/fatal; or

(xiv) B03 - Hit and run - injury; or

(xv) B04 - Hit and run - property damage/regular operator; or

(xvi) ARD - Alcohol Restricted Driver; or

(xvii) A08 - DUI of alcohol with BAC at or over .08; or

(xviii) A08 - Driving under the influence alcohol and drugs; or

(xix) A08 - Driving under the influence w/impaired; or

(xx) A08 - Driving under the influence w/personal injury; or

(xxi) A08 - Driving under the influence w/minor in vehicle; or

(xxii) A08 - Driving under the influence in a CMV; or

(xxiii) A25 - Impaired Driving; or

(xxiv) A41 - Any Violation of ignition interlock device under 41-6a-518; or

(xxv) A50 - Motor vehicle used in the commission of a felony involving the manufacturing, distributing or dispensing a controlled substance; or

(xxvi) ACL - Violation alcohol conditional license; or

(xxvii) B01 - Hit and Run/failure to stop render aid/property dmg/comm only; or

(xxviii) B14 - Failure to reveal identity after fatal accident - commercial only; or

(xxix) B23 - Driving while denied; or

(xxx) B24 - Driving CMV while disqualified ; or

(xxxi) B25 - Driving on revocation; or

(xxxii) B26 - Driving while suspended; or

(xxxiii) IID - Ignition interlock device violation - (result in 1 yr revocation); or

(xxxiv) M8A - Alcohol related reckless driving; or

(xxxv) U03 - Felony with a vehicle (joy riding) criminal class required; or

(xxxvi) U07 - Vehicular homicide/ regular or CMV; or

(xxxvii) U08 - Vehicular manslaughter; or

(xxxviii) USV - Shooting gun from a vehicle/Criminal class required (felony only); or

(xxxix) U09 - Negligent homicide while operating a CMV; or

(xl) UIV - Throwing incendiary device from/vehicle/criminal class required; or

(xli) U10 - Causing a fatality through the negligent operation of a CMV

(d) The unauthorized use, misuse, abuse or neglect of a state vehicle as validated by the driver's agency; or

(e) On the basis of citizen complaints validated by the agency, the authorized driver, while acting within the scope of employment has been found, pursuant to 63A-9-501,to have misused or illegally operated a vehicle three (3) times during a three (3) year period.

(4) The withdrawal of authority to operate a state vehicle imposed by the Driver Eligibility Board shall be in addition to agency-imposed discipline, corrective or remedial action, if any.

(5) Drivers declared ineligible to operate a state vehicle by the Driver Eligibility Board may appeal to the Director of the Department of Administrative Services (DAS) or his/her designee. Any appeal to the Executive Director of DAS or his/her designee must be made in writing within 30 days from the date the Driver Eligibility Board declared a state driver ineligible to operate a vehicle.

(6) Effective Date

(a) Phase in - current state employees shall be subjected to R27-7-3(3) as of the effective date of the rules as published by the Division of Administrative Rules.

(b) State employees hired after the effective date of this administrative rule will be subject to the Driver Eligibility standards in R27-7-3(3) for three years previous to the hire date.

R27-7-4. Accident Review Committee (ARC).

(1) Each agency leasing vehicles from the Division of Fleet Operations shall establish and maintain an Accident Review Committee (ARC). Each agency ARC shall conduct at least quarterly reviews of all accidents involving state vehicles under the possession or control of their respective agencies.

(2) The purpose of the ARC is to reduce the number of accidents involving drivers of vehicles being used in the course of conducting state business.

(3) After DFO has made an initial determination regarding the status of an accident the agency ARC shall determine, through a review process, whether an accident was either preventable or non-preventable, using standards published by the National Safety Council.

(4) Each agency ARC shall, within one (1) calendar month

following the last day of the quarter (March, June, September, December), provide to DFO, in writing, its determination and recommended actions, if any, as well as all evidence used to arrive at its determination as to whether the accident was preventable or non-preventable.

(5) If an agency ARC does not send the quarterly accident reviews as specified in R27-7-4(4), the status of the accident will be reviewed by the Driver Eligibility Board on behalf of the agency ARC. The Driver Eligibility Board's decision about the status any vehicle accident will be final. The Driver Eligibility Board may recommend disciplinary actions for agency drivers to the agency when it is acting on behalf of the agency ARC.

R27-7-5. Accident Review Committee Guidelines.

(1) The ARC shall have no less than three (3) voting members. The members shall be from different areas in the agency.

(2) An accident shall be classified as preventable if any of the following factors are involved:

(a) Driving too fast for conditions;

(b) Failure to observe clearance;

(c) Failure to yield;

(d) Failure to properly lock the vehicle;

(e) Following too closely;

(f) Improper care of the vehicle;

(g) Improper backing;

(h) Improper parking;

(i) Improper turn or lane change;

(j) Reckless Driving as defined in Utah Code 41-6a-528;

(k) Unsafe driving practices, including but not limited to: the use of electronic equipment or cellular phone while driving, smoking while driving, personal grooming, u-turn, driving with an animal(s) loose in the vehicle.

(3) An accident shall be classified as non-preventable when:

(a) The state vehicle is struck while properly parked;

(b) The state vehicle is vandalized while parked at an authorized location;

(c) The state vehicle is an emergency vehicle, and

(i) At the time of the accident the operator was in the line of duty and operating the vehicle in accordance with their respective agency's applicable policies, guidelines or regulations; and

(ii) Damage to the vehicle occurred during the chase or apprehension of people engaged in or potentially engaged in unlawful activities; or

(iii) Damage to the vehicle occurred in the course of responding to an emergency in order to save or protect the lives, property, health, welfare and safety of the public.

R27-7-6. Effects of ARC Accident Classification.

(1) In the event that an accident is determined by the ARC to be preventable, the ARC shall impose and enforce the following:

(a) The authorized driver shall be required to attend a Division of Risk Management-approved driver safety program after being involved in the first preventable accident;

(b) The driver shall be required to attend, at their own expense, a state certified or nationally recognized defensive driving course after being involved in a second preventable accident.

R27-7-7. Driver Eligibility Board.

(1) The Driver Eligibility Board (DEB) shall have at least 4 voting members. Members of the Board shall include a representative from the Division of Risk Management, the Division of Fleet Operations, the Department of Human Resource Management and, a representative of the employee's agency. Each member of the Board will be assigned by the Executive Director of the Department of Administrative Services.

(2) The Driver Eligibility Board shall meet at least quarterly.

(3) The employing agency supervisor and the state driver being reviewed shall be notified of the Driver Eligibility Board's meeting place, date and time. Each state employee reviewed by the Driver Eligibility Board will be given the opportunity to speak to the Board and/or answer questions during the meeting if he or she chooses to attend the Board meeting.

(4) The Driver Eligibility Board may impose an ineligible status from a single day up to three years. In no case shall the ineligible status to operate a state vehicle be less than the period imposed by the courts or the employing agency.

KEY: accidents, incidents, tickets, ARC
April 20, 2009 63A-9-401(1)(d)(iii)
Notice of Continuation January 20, 2006

R27. Administrative Services, Fleet Operations.
R27-10. Identification Mark for State Motor Vehicles.
R27-10-1. Authority.

(1) Pursuant to Section 63A-9-401(5), the Department of Administrative Services is responsible for ensuring that state-owned vehicles for all departments, universities and colleges are marked as required by Section 41-1a-407. If "EX" license plates are required, the identification mark is also required, as described herein, for these agencies.

(2) Subsection 63A-9-601(1)(c) requires the Department of Administrative Services to enact rules relating to the size and design of the identification mark.

R27-10-2. Identification Mark.

(1) The identification mark shall be a likeness of the Great Seal of the State of Utah.

(a) Light/Heavy duty trucks, service vehicles and off-road equipment shall be clearly marked, on each front door, with an eight-inch seal. At the option of the entity operating the motor vehicle, the identification mark may include a banner not more than four inches high which may bear the entity's logo and such name of department or division. All identification markings must be approved by the Division of Fleet Operations prior to use.

(b) Non-law enforcement passenger vehicles shall be marked with a translucent identification sticker, four inches in diameter on the furthest rearward window in the lower most rearward corner, on each side of the of the vehicle.

(2) An identification mark shall be placed on both sides of the motor vehicle. The required portion of the identification mark (State Seal) shall be placed on in a visible location on each side of the vehicle.

(3) The requirement for the display of the identification mark is not intended to preclude other markings to identify special purpose vehicles.

(4) Vehicles used for law enforcement purposes may, at the discretion of the operating agency, display a likeness of the Great Seal of the State of Utah in the center of a gold star for identification purposes. Other emergency response vehicles are not precluded from displaying additional appropriate markings. At the option of the agency, this seal may be placed on the front door above any molding and, where practicable, below the window at least four inches. The optional banner portion of the identification mark shall be placed immediately below the State Seal portion.

(5) It is the intent of these rules that these identification marks clearly identify the vehicles as being the property of the State of Utah. Additional markings should be applied discriminately so as not to detract from that intent.

R27-10-3. License Plates.

(1) Every vehicle owned and operated or leased for the exclusive use of the state shall have placed on it a registration plate displaying the letters "EX."

(2) Plates issued to Utah Highway Patrol vehicles may bear the capital letters "UHP," a beehive logo, and the call number of the vehicle for which the plate is issued. In lieu of the identification mark herein described, the Utah Highway Patrol may use a substitute identification mark of its own specification.

R27-10-4. Exceptions.

(1) Neither the "EX" license plates nor the identification marks need be displayed on state-owned motor vehicles if:

(a) the motor vehicle is in the direct service of the Governor, Lieutenant Governor, Attorney General, State Auditor or State Treasurer of Utah;

(b) the motor vehicle is used in official investigative work where secrecy is essential;

(c) the motor vehicle is provided to an official as part of a compensation package allowing unlimited personal use of that vehicle; or

(d) the personal security of the occupants of the vehicle would be jeopardized if the identification mark were in place.

(2) State vehicles which meet the criteria described in Subsection R27-10-4(1) may be excused from these rules to display the identification mark and "EX" license plates. Exceptions shall be requested in writing from the Executive Director of the Department of Administrative Services and shall continue in force only so long as the use of the vehicle continues.

(3) Exceptions shall expire when vehicles are replaced. New exceptions shall be requested when new vehicles are placed in use.

(4) No motor vehicle required to display "EX" license plates shall be exempt from displaying the identification mark.

R27-10-5. Effective Date.

(1) All motor vehicles obtained or leased for use after the effective date of these rules shall display the prescribed identification mark.

(2) All passenger motor vehicles owned, leased for use or operated by the state, except as herein excepted, shall display an identification mark as required by these rules no later than two years following the effective date of this rule. Special purpose vehicles currently displaying markings other than as prescribed herein may retain such markings until the vehicle bearing them is disposed of.

KEY: motor vehicles
April 20, 2009 **41-1a-407**
Notice of Continuation May 14, 2007 **63A-9-401**
63A-9-601(1)©

R52. Agriculture and Food, Horse Racing Commission (Utah).
R52-7. Horse Racing.
R52-7-1. Authority.
Promulgated under authority of Section 4-38-4.

R52-7-2. Definitions.
The following definitions shall apply in these rules unless otherwise indicated.
1. "Act" means the Utah Horse Regulation Act.
2. "Added money" means all monies added to the fees paid by the horsemen into the purse for a race.
3. "Age" of a horse is reckoned as beginning on the first day of January in the year in which the horse is foaled.
4. "Also Eligible" pertains to (a) a number of eligible horses, properly entered, which were not drawn for inclusion in a race, but which become eligible according to preference or lot if an entry is scratched prior to scratch time deadline; (b) the next preferred nonqualifier for the finals or consolation from a set of elimination trials which will become eligible in the event a finalist is scratched by the stewards for a rule violation or is otherwise eligible if written race conditions permit.
5. "Arrears" means money past due for entrance fees, jockey fees, or nomination or supplemental fees in nomination races, and therefore in default incidental to these Rules or the conditions of a race.
6. "Authorized Agent" means a person appointed by a written instrument, signed and acknowledged before a notary public by the owner in whose behalf the Agent will act. Said instrument must be on file with the Commission and its authorized representatives.
7. "Bleeder" means a horse which during or following exercise or the race is observed to be shedding blood from one or both nostrils, or the mouth, or hemorrhaging in the lumen of the respiratory tract.
8. "Breeder" of a horse is the owner or lessee of its dam at the time of breeding.
9. "Closing" means the time published by the organization after which nominations or entries will not be accepted for a race.
10. "Commission" means the Utah Horse Racing Commission.
11. "Commissioner" means a member of the Commission.
12. "Conditions of a race" are the qualifications which determine a horse's eligibility to enter.
13. "Day" is a period of 24 hours beginning at midnight.
14. "Race day" is a day during which horse races are conducted.
15. "Declaration" means the act of withdrawing an entered horse from a race before the closing of overnight entries.
16. "Drug (Medication)" means a substance foreign to the normal physiology of the horse.
17. "Enclosure" means all areas of the property of an organization licensee to which admission can be obtained only by payment of an admission fee or upon presentation of proper credentials and all parking areas designed to serve the facility which are owned or leased by the organization licensee.
18. "Entry" means a horse made eligible to run in a race.
19. "Family" means a husband, wife and any dependent children.
20. "Field" means all horses competing in a race.
21. "Financial Interest" means an interest that could result in directly or indirectly receiving a pecuniary gain or sustaining a pecuniary loss as a result of ownership or interest in a business entity, or as a result of salary, gratuity, or other compensation or remuneration from any person.
22. "Foreign Substances" are all substances, except those which exist naturally in the untreated horse at normal physiological concentration, and shall include but not be limited to all narcotics, stimulants, or depressants.
23. "Foul" means an action by any horse or jockey that hinders or interferes with another horse or jockey during the running of a race.
24. "Horse" means an equine of any breed and includes a stallion, gelding, mare, colt, filly, spayed mare or ridgeling.
25. "Horse Racing" means any type of horse racing, including Arabian, Appaloosa, Paint, Pinto, Quarter Horse, and Thoroughbred horse racing.
26. Horse Racing Types:
A. "Appaloosa Horse Racing" means the form of horse racing in which each participating horse is an Appaloosa horse registered with the Appaloosa Horse Club or any successor organization and mounted by a jockey.
B. "Arabian Horse Racing" means the form of horse racing in which each participating horse is an Arabian horse registered with the Arabian Horse Club Registry of America and approved by the Arabian Horse Racing Association of America or any successor organization, mounted by a jockey, and engaged in races on the flat over a distance of not less than one-quarter mile or more than four miles.
C. "Paint Horse Racing" means the form of horse racing in which each participating horse is a Paint horse registered with the American Paint Horse Association or any successor organization and mounted by a jockey.
D. "Pinto Horse Racing" means the form of horse racing in which each participating horse is a Pinto horse registered with the Pinto Horse Association of America, Inc., or any successor organization and mounted by a jockey.
E. "Quarter Horse Racing" means the form of horse racing where each participating horse is a Quarter Horse registered with the American Quarter Horse Association or any successor organization, mounted by a jockey, and engaged in a race over a distance of less than one-half mile.
F. "Thoroughbred Horse Racing" means the form of horse racing in which each participating horse is a Thoroughbred horse registered with the Jockey Club or any successor organization, mounted by a Jockey, and engaged in races on the flat.
27. "Inquiry" means the stewards immediate investigation into the running of a race which may result in the disqualification of one or more horses.
28. "Jockey" means the rider licensed to race.
29. "Jockey Agent" means a licensed authorized representative of a jockey.
30. "Lessee" means a licensed owner whose interest in a horse is by virtue of a completed Commission-approved lease form attached to the registration certificate and on file with the Commission.
31. "Lessor" means the owner of the horse that is leased.
32. "Maiden" means a horse that has never won a race recognized by the official race records of the particular horse's breed registry. A maiden which has been disqualified after finishing first is still a maiden.
33. "Minor" means any individual under 18 years of age.
34. "Nominator" means the person who nominated the horse as a possible contender in a race.
35. "Objection" means:
A. A written complaint made to the Stewards concerning a horse entered in a race and filed not later than two hours prior to the scheduled post time for the first race on the day which the questioned horse is entered;
B. A verbal claim of foul in a race lodged by the horse's jockey, trainer, owner, or the owners licensed Authorized Agent before the race is declared official.
36. "Occupation License" means a requirement for any person acting in any capacity within the enclosure during the race meeting.
37. "Occupation Licensee" means a person who has

obtained an occupation license.

38. "Utah Bred Horse" means a horse that is sired by a stallion standing in Utah.

39. "Organization License" means a requirement of any person desiring to conduct a race meeting within the state of Utah.

40. "Organization Licensee" means any person receiving an organization license. Owner is any person who holds, in whole or in part, any rights title or interest in a horse, or any lessee of a horse who has been duly issued a currently valid owner's license as a person responsible for such horse.

41. "Person" means any individual, corporation, partnership, syndicate, another association or entity.

42. "Post Position" means the position in the starting gate assigned to the horse for the race.

43. "Post Time" means the advertised time for the arrival of the horses at the start of the race.

44. "Protest" means a written complaint, signed by the protester, against any horse which has started in a race and shall be made to the Stewards within 48 hours after the running of the race, except as noted in Subsection R52-7-10(8).

45. "Race Meeting" means the entire period of time not to exceed 20 calendar days separating any race days for which an organization license has been granted to a person by the Commission to hold horse racing.

46. "Allowance" means a race in which eligibility and/or the weight to be carried are based upon the horse's past performance over a specified time.

47. "Handicap" means a race in which the weights to be carried by the entered horses are assigned according to the Racing Secretary's evaluation of each horse's potential for the purpose of equalizing their respective chances of winning.

48. "Invitational" means a race in which the competing horses are selected by inviting their owners to enter specific horses.

49. "Match" means a race contest between two horses with prior consent by the Commission under conditions agreed to by the owners.

50. "Nomination" means a race in which the subscription to a payment schedule nominates and sustains the eligibility of a particular horse. Nominations must close at least 72 hours before the first post time of the day the race is originally scheduled to be run.

51. "Progeny" means a race restricted to the offspring of a specific stallion or stallions.

52. "Purse Race (Overnight)" means any race in which entries close less than 72 hours prior to its running.

53. "Schooling Race" means a preparatory race for entry qualification in official races which conform to requirements adopted by the Commission.

54. "Stakes" means a race which is eligible for stakes or "black-type" recognition by the particular breed registry.

55. "Trials" means a set of races in which eligible horses compete to determine the finalists for a purse in a nominated race.

56. "Restricted Area" means any area within the enclosure where access is limited to licensees whose occupation requires access. Those areas which are restricted shall include but not be limited to, the barn area, paddock, test barn, Stewards Tower, race course, or any other area designated restricted by the organization licensee and/or the Commission. Signs giving notice of restricted access shall be prominently displayed at all entry points.

57. "Rules" means the rules herein prescribed and any amendments or additions.

58. "Scratch" means the act of withdrawing an entered horse from a race after the closing of overnight entries.

59. "Scratch Time" means the deadline set by the organization licensee for the withdrawing of entered horses.

60. "Starter" means the horse whose stall door of the starting gate opens in front of such horse at the time the starter (the Official) dispatches the horses.

61. "Subscription" means the act of nominating a horse to a nomination race.

62. "Week" means a period of seven days beginning at 12:01 a.m., Monday during which races are conducted.

R52-7-3. Commission Powers and Jurisdiction.

1. Description and Powers. The Utah Horse Racing Commission is an administrative body created by Section 4-38-3. The Commission consists of five members which are appointed by the governor, confirmed by the senate, and whose powers and duties are prescribed by the legislature. The Commission appoints an executive director who is the administrative head of the agency, and the Commission determines the duties of the executive director. The Commission shall have supervision of all race meetings held in the State of Utah, and all occupation and organization licensees in the State and all persons on the property of an organization licensee.

2. Jurisdiction. Without limitations by specific mention hereof, the stated purposes of the Rules and Regulations hereby promulgated are as follows:

A. To encourage agriculture and breeding of horses in this State; and

B. To maintain race meetings held in the State of the highest quality and free of any horse racing practices which are corrupt, incompetent, dishonest or unprincipled; and

C. To maintain the appearance as well as the fact of complete honesty and integrity of horse racing in this State; and

D. To generate public revenues.

E. Commission jurisdiction of a race meet commences one hour prior to post time and ends one hour following the last posted race.

3. Controlling Authority. The law, the rules, and the orders of the Commission supersede the conditions of a race meeting and govern Thoroughbred, Quarter Horse, Appaloosa, Arabian, Paint and Pinto racing, except in the event it can have no application to a specific type of racing. In the latter case, the Stewards may enforce rules or conditions of The Jockey Club for Thoroughbred racing, the American Quarter Horse Association for Quarter Horse racing; the Appaloosa Horse Club for Appaloosa racing; the Arabian Horse Racing Association of America for Arabian racing; the American Paint Horse Association for Paint racing; and the Pinto Horse Association of America, Inc., for Pinto racing; if such rules or conditions are not inconsistent with the Laws of the State of Utah and the Rules of the Commission.

4. Punishment By The Commission. Violation of the Act and rules promulgated by the Commission, whether or not a penalty is fixed therein, is punishable in the discretion of the Commission by denial, revocation or suspension of any license; by fine; by exclusion from all racing enclosures under the jurisdiction of the Commission; or by any combination of these penalties. Fines imposed by the Commission shall not exceed $10,000 against individuals for each violation, any Rules or regulations promulgated by the Commission, or any Order of the Commission; or for any other action which, in the discretion of the Commission, is a detriment or impediment to horse racing, according to Subsection 4-38-9(2).

5. Extension For Compliance. If a licensee fails to perform an act or obtain required action from the Commission within the time prescribed therefore by these Rules, the Commission, at some subsequent time, may allow the performance of such act or may take the necessary action with the same effect as if the same were performed within the prescribed time.

6. Notice To Licensee. Whenever notice is required to be

given by the Commission or the Stewards, such notice shall be given in writing by personal delivery to the person to be notified or by mailing, Certified Mail, Return Receipt Requested, such notice to the last known address furnished to the Commission; or may be given as is provided for service of process in a civil proceeding in the State of Utah and pursuant to the Administrative Procedures Act.

7. Location For Information Or Filing With Commission. When information is requested or a notice in any matter is required to be filed with the Commission, such notice shall be delivered to an authorized representative of the Commission at an office of the Commission on or before the filing deadline. Offices of the Commission are currently located at: State of Utah, Department of Agriculture and Food, 350 North Redwood Road, Salt Lake City, UT 84116.

8. Public Inspection Of Documents. All forms adopted by the Commission together with all Rules and other written statements of policy or interpretation; and all final orders, decisions, and opinions, formulated, adopted or used by the Commission in the discharge of its functions are available for public inspection at the above office.

9. Forms And Instruction. The following forms and instructions for their use have been adopted by the Commission:

Apprentice Jockey Certificate
Authorized Agent Agreement
Fingerprint Card
Identifier's Daily Report
Lease Agreement
Occupation Licensee Application(s)
Occupation License Renewal Application(s)
Open Claim Certificate
Organization's Daily Report
Organization Licensee Application
Petition for Declaratory Ruling
Petition for Promulgation, Amendment or Repeal of Rule
Petition in and before the Utah Horse Commission
Postmortem Examination Report
Stable Name, Corporation, Partnership or Syndicate Registration Form
Stewards' Daily Report
Stewards' Hearing Notice
Stewards' Hearing Reports
Subpoena (Steward and Commission)
Test Barn Diuretic Approval Form

10. Forms for substituting petitions for promulgating or repealing of rules, and for requests for declaratory ruling are available at the Utah State Department of Agriculture and Food.

R52-7-4. Racing Organization.

1. Allocation Of Racing Dates. The Commission shall allocate racing dates for the conduct of horse race meetings within this State for such time periods and at such racing locations as the Commission determines will best serve the interests of the people of the State of Utah in accordance with the Utah Horse Act. Upon a finding by the Commission that the allocation of racing dates for any year is completed, the racing dates so allocated shall be subject to reconsideration or amendment only for conditions unforeseen at the time of allocation.

2. Application For License And Days To Conduct A Horse Race Meeting. Every person who intends to conduct a horse race meeting shall file such application with the Commission no later than August 1 of the preceding calendar year. Any prospective applicant for license and days to conduct a horse race meeting failing to timely file the application for license may be disqualified and its application for license refused summarily by the Commission.

3. Commission May Demand Information. The Commission may require any racing organization or prospective racing organization to furnish the Commission with a detailed proposal and disclosures as to its proposed racing program, purse, program, financial projections, racing officials, principals or shareholders, plants, premises, facility, finances, lease arrangements, agreements, contracts, and such other information as the Commission may require to determine the eligibility and qualification of the organization to conduct a race meeting; all in addition to that required in the application form set forth in Subsection R52-7-4(4) and as required by Section 4-38-4.

4. Application For Organization License. Any person desiring to conduct a horse race meeting where the public is charged an admission fee shall apply to the Commission for an organization license. The application shall be made on a form prescribed and furnished by the Commission. The application shall contain the following information:

A. The dates on which and location where the applicant intends to conduct the race meeting.

B. The name and mailing address of the person making the application.

1. If the applicant is a corporation, a certified copy of the Articles of Incorporation and Bylaws; the names and mailing addresses of all stockholders who own at least 3% of the total stock issued by the corporation, officers, and directors; and the number of shares of stock owned by each.

2. If the applicant is a partnership, a copy of the partnership agreement, and the names and mailing addresses of all general and limited partners with a statement of their respective interest in the partnership.

C. Description of photographic equipment, video equipment, and copies of any proposed lease or purchase contract or service agreement in connection therewith.

D. Copies of any agreements with concessionaires or lessees, together with schedules of rates charged for performance of any service or for sale of any article within the enclosure, whether directly or through the concessionaire.

E. Schedule of admission price(s) to be charged.

F. Applicants must submit balance sheets and profit and loss statements for each of the three fiscal years immediately preceding the application, or for the period of organization if less than three years. If the applicant has not completed a full fiscal year since its organization, or if it acquires or is to acquire the majority of its assets from a predecessor within the current fiscal year, the financial information shall be given for the current fiscal year. All financial information shall be accompanied by an unqualified opinion of a Certified Public Accountant; or if the opinion is given with qualifications, the reasons for the qualifications must be stated.

G. A schedule of stall rent, entry fees, or any other charges to be made to the horsemen or public not mentioned above.

H. Any other information the Commission may require. For applicants requesting to conduct non pari-mutuel racing, the licensee fee shall not be less than $25.00.

A separate application upon a form prescribed and furnished by the Commission shall be filed for each race meeting which such person proposes to conduct. The application, if made by a person, shall be signed and verified under oath by the person; and if made by more than one person or by a partnership, shall be signed and verified under oath by at least two of the persons or members of the partnership; and if made by an association, a corporation, or any other entity, shall be signed by the President, attested to by the Secretary under the seal of such association or corporation, if it has a seal, and verified under oath by one of the signing officers.

No person shall own any silent or undisclosed interest in any entity requesting an organization license. No organization license shall be issued to any applicant that fails to comply with provisions of this Rule. No incomplete license application shall be considered by the Commission.

I. In considering the granting or denying of all

organization's application for a license to conduct horse racing with the non pari-mutuel system of wagering, the following criteria, standards, and guides should be considered by the Commission:

1. Public Interest
a. Safety
b. Morals
c. Security
d. Municipal Comments
e. Revenues: State and Local
2. Track Location
a. Traffic Flow
b. Support Services (i.e., hotels, restaurants, etc.)
c. Labor Supply
d. Public Services (i.e., police, fire, etc.)
e. Proximity to Competition
3. Number of Tracks Running or Making Application
a. Size
b. Type of Racing
c. Days
4. Adequacy of Track Facilities
5. Experience in Racing of Applicant and Management
a. Length
b. Type
c. Success/Failure
6. Financial Qualifications of Applicant, Applicant's Partners, Officers, Associates, and Shareholders (To Include Contract Services)
a. Financial History
(1) Records
(2) Net Worth
7. Qualifications of Applicant, Applicant's Partners, Officers, Associates, and Shareholders (To Include Contract Services)
(1) Arrest Record
(2) Conviction Record
(3) Litigation Record (Civil/Criminal)
(4) Law Enforcement Intelligence
8. Official Attitude of Local Government Involved
9. Anticipated Effect Upon Breeding and Horse Industry in Utah
10. Effect on Saturation of Non pari-Mutuel Market
11. Anticipated Effect upon State's Economy
a. General Economy
(1) Tourism
(2) Employment
(3) Support Industries
b. Government Revenue
(1) Tax (Direct/Indirect)
(2) Income (Direct/Indirect)
12. Attitude of Local Community Involved
13. The Written Attitude of Horse Industry Associations
14. Experience and Credibility of Consultants, Advisors, and Professionals
a. Feasibility
b. Credibility and Integrity of Feasibility Study
15. Financial and Economic Integrity of Financial Plan
(1) Equity
a. Source
b. Amount
c. Position
d. Type
(2) Debt
a. Source
b. Amount
c. Terms
d. Repayment
(3) Equity to Debt Ratio
a. Integrity of Financing Plan
(1) Identity of Participants
(2) Role of Participants
(3) History of Participants
(4) Law Enforcement Intelligence
16. Apparent or Non-Apparent Hope of Financial Success

5. List Of Shareholders. Each organization shall, if a corporation or partnership, maintain a current list of shareholders and the number of shares held by each; and such list shall be available for inspection upon demand by the Commission or its representatives. The organization shall immediately inform the Commission of any change of corporate officers or directors, general or managing partners, or of any change in shareholders; provided, however, that if the organization is a publicly-held entity, it shall disclose the names and addresses of shareholders who own 3% of the outstanding shares of the organization. The organization shall immediately notify the Commission of all stock options, tender offers, and any anticipated stock offerings. The Commission may refuse to issue a license to, or suspend the license of, any organization which fails to disclose the real name of any shareholders.

6. Denial Of License. The Commission may deny a license to conduct a horse racing meeting when in its judgment it determines the proposed meeting is not in the public interest, or fails to serve the purposes of the Utah Horse Act, or fails to meet any requirements of Utah State law or the Commission's rules. The Commission shall refuse to issue a license to any applicant who fails to provide the Commission with evidence of its ability to meet its estimated financial obligations for the conduct of the meeting.

7. Duty Of Licensed Organization. Each organization shall observe and enforce the rules of the Commission. The license is granted on the condition that the organization, its officials, its employees and its concessionaires shall obey all decisions and orders of the Commission. The organization shall not allow any wagering within the enclosure of the racing facility which might be construed as being in violation of the Laws of the State of Utah.

8. Conditions Of A Race Meeting. The organization may impose conditions for its race meeting as it may deem necessary; provided, however, that such conditions may not conflict with any requirements of Utah State Law or the Rules, Regulations and Orders of the Commission. Such conditions shall be published in the Condition Book or otherwise made available to all licensees participating in its race meeting. A copy of the conditions and nomination race book shall be published no later than 45 days prior to the commencement of the race meeting. A proof of such conditions and nomination race book shall be filed with the Commission no later than 45 days prior to printing. The conditions and nomination race book is subject to the approval of the Commission. The organization may impose requirements, qualifications, requisites, and track rules for its race meeting as it may deem necessary; provided such requirements, qualifications, and track rules do not conflict with Utah State Law or the Rules, Regulations, and Orders of the Commission. Such information shall be published in the Condition Book, posted on the organization's bulletin boards, or otherwise made available to all licensees participating at its race meeting.

All requirements, qualifications, requisites or track rules imposed by the organization require prior review and approval by the Commission, which reserves the right of final decision in all matters pertaining to the conditions of a race meeting.

9. Right Of Commission To Information. The organization may be asked to furnish the Commission, on forms approved by the Commission, a daily itemized report of the receipts of attendance, parking, concessions, commissions, and any other requested information. The organization shall also provide a corrected official program, completed race results charts approved by the Commission, and any other information

the Commission may require. Such daily reports shall be filed with the Commission within 72 hours of the race day.

10. Duty To Compile Official Program. The organization shall compile an official program for each racing day which shall contain the names of the horses which are to run in each race together with their respective post positions, post time for first race, age, color, sex, breeding, jockey, trainer, owners or stable name, racing colors, weight carried, conditions of the race, the order in which each race shall be run, the distance to be run, the value of each race, a list of Racing Officials and track management personnel, and any other information the Commission may require. The Commission may direct the organization to publish in the program any other information and notices to the public as it deems necessary.

11. Duty To Maintain Racing Records. The organization shall maintain a complete record of all races of all authorized race meetings of the same type of racing being conducted by the organization, and such records shall be maintained and retained for a period of five years. This requirement may be met by race records of Triangle Publications, the American Quarter Horse Association, the Appaloosa Horse Club, the American Paint Horse Association, other breed registry associations' racing records department, or other racing publications approved by the Commission.

12. Horsemen's Bookkeeper. The organization shall employ a Horsemen's Bookkeeper who shall maintain records as the organization and Commission shall direct. The records shall include the name, address, social security or federal identification number, and the state or country of residence of each horse owner, trainer, or jockey participating at the race meeting who has funds due or on deposit in the horseman's account. The Horsemen's Bookkeeper shall keep the riding accounts of the jockeys and shall disburse the received fees to the proper claimants. It shall be the duty of the Horsemen's Bookkeeper to receive and disburse the purses of each race and all stakes, entrance money, jockey fees, and other monies that properly come into his possession, and make disbursements within 48 hours of receipt of notification from the testing laboratory that drug tests have cleared unless an appeal or protest has been filed with the Stewards or the Commission. The Horsemen's Bookkeeper may accept monies due belonging to other organizations or recognized meetings, provided prompt return is made to the organization to which the money is due; except upon written request, the Horsemen's Bookkeeper shall, within 30 days after the meeting, disburse all monies to the persons entitled to receive the same. The Horsemen's Bookkeeper shall maintain a file of all required statements of partnerships, syndicates, corporations; assignments of interest; lease agreements; and registrations of authorized agents. All records and monies of the Horsemen's Bookkeeper shall be kept separate and apart from any other of the organization and are subject to inspection by the Commission at any time.

13. Accounting Practices And Responsibility. The organization and its managing officers shall ensure that all purse monies, disbursements, and appropriate nomination race monies are available to make timely distribution in accordance with the Act, the Rules and Regulations of the Commission, the organization rules, and race conditions. Copies of all nomination payment race contracts, agreements, and conditions shall be submitted to the Commission and related reporting requirements fulfilled as specified by the Commission. Subject to approval of the Commission, the organization shall maintain on a current basis a bookkeeping and accounting program under the guidance of a Certified Public Accountant. The Commission may require periodic audits to determine that the organization has funds available to meet those distributions for the purposes required by the Act, the Rules and Regulations of the Commission, the conditions and nomination race program of the race meeting, and the obligations incurred in the daily operation of the race meeting. Annually, the organization shall file a copy of all tax returns, a balance sheet, and a profit and loss statement.

14. Electronic Photo Finish Device. All organizations shall install and maintain in good service an electronic photo finish device for photographing the finishes of all races and recording the time of each horse in hundredths of a second, when applicable, to assist the placing judges and the Stewards in determining the finishing positions and time of the horses. Prior to first use, the electronic photo finish device must be approved by the Commission; and a calibration report must be filed with the Commission by January 1 of each year. A photograph of each finish shall be promptly posted for public view in at least one conspicuous place in the public enclosure.

15. Videotape Recording Of Races. All organizations shall install and operate a system to provide a videotape recording of each race so that such recording clearly shows the position and action of the horses and jockeys at close enough range to be easily discernible. A video monitor shall be located in the Stewards' Tower to assist in reviewing the running of the races. Prior to first use, the videotape recording system and location and placement of its equipment must be approved by the Commission. Every race other than a race run solely on a straight course may be recorded by use of at least two cameras to provide panoramic and head-on views of the race. Races run solely on the straight course shall be recorded by the use of at least one camera to provide a head-on view. Except with prior approval of the Commission, all organizations shall maintain an auxiliary videotape recording camera and player in case of breakdown and/or malfunction of a primary videotape recording camera or player.

16. Identification Of Photo Finish Photographs And Videotape Recordings. All photo finish photographs and videotape recordings required by these Rules shall be identified by indicating thereon, the date, number of the race, and the name of the racetrack at which the race is held.

17. Altering Official Photographs Or Recordings. No person shall cut, mutilate, alter or change any photo finish photograph or videotape recording for the purpose of deceit or fraud of any type.

18. Preservation Of Official Photographs And Recordings. All organizations shall preserve all photographic negatives and videotape recordings of all races for at least 180 days after the close of their meeting. Upon request of the Commission, the organization shall furnish the Commission with a clear, positive print of any photograph of any race, or a kinescope print or copy of the videotape recording of any race.

19. Viewing Room Required. The organization shall maintain a viewing room for the purpose of screening the videotape recording of the races for viewing by Racing Officials, jockeys, trainers, owners, and other interested persons authorized by the Stewards.

20. Office Space For The Commission. The organization shall provide within the enclosure adequate office space for use by the Commission and its authorized representatives, and shall provide such necessary office furniture and utilities as may be required for the conduct of the Commission's business and the collection of the public revenues at such organization's meetings.

21. Duty To Receive Complaints. The organization shall maintain a place where written complaints or claims of violations (objections) of racetrack rules, regulations, and conditions; Commission Rules and Regulations; or Utah State Laws may be filed. A copy of any written complaint or claim filed with the organization shall be filed by the organization with the Commission or Commission representatives within 24 hours of receipt of the complaint or claim.

22. Bulletin Boards Required. The organization shall erect and maintain a glass enclosed bulletin board close to the

Racing Secretary's Office in a place where access is granted to all licensees, upon which all official notices of the Commission shall be posted. The organization shall also erect and maintain a glass enclosed bulletin board in the grandstand area where access is granted to all race day patrons, upon which all official notices of the Commission shall be posted.

23. Communication Systems Required. The organization shall install and maintain in good service a telephonic communication system between the Stewards' stand, racing office, jockey room, paddock, testing barn, starting gate, video camera locations, and other designated places. The organization shall also install and maintain in good service a public address communication system for the purpose of announcing the racing program, the running of the races, and any public service notices, as well as maintaining communications with the barn area for the purpose of paddock calls and the paging of horsemen.

24. Ambulance Service. Subject to the approval of the Commission, the organization shall provide the services of an approved medical ambulance and its properly qualified attendants at all times during the running of the race program at its meeting and, except with prior permission of the Commission, during the hours the organization permits the use of its race course for training purposes. The organization shall also provide the service of a horse ambulance during the same hours. A means of communication shall be provided by the organization between a staffed observation point (Stewards' Tower and Clocker's Stand) for the race course and the place where the required ambulances and their attendants are posted for prompt response in the event of accident to any person or horse. In the event an emergency necessitates the departure of a required ambulance, the race course shall be closed until an approved ambulance is again available within the enclosure.

25. Safety Of Race Course And Premises. The organization shall take cognizance of any complaint regarding the safety or uniformity of its race course or premises, and shall maintain in safe condition the race course and all rails and other equipment required for the conduct of its races.

26. Starting Point Markers And Distance Poles. Permanent markers must be located at each starting point to be utilized in the organization's racing program. The starting point markers and distance poles must be of a size and in a position where they can be seen clearly from the stewards' stand. The starting point markers and distance poles shall be marked with the appropriate distance and be the following colors:

TABLE

1/16	poles . . .	black and white horizontal stripes
1/8	poles . . .	green and white horizontal stripes
1/4	poles . . .	red and white horizontal stripes
220	yards . . .	green and white horizontal stripes
250	yards . . .	blue
300	yards . . .	yellow
330	yards . . .	black and white horizontal stripes
350	yards . . .	red
400	yards . . .	black
440	yards . . .	red and white horizontal stripes
550	yards . . .	black and white horizontal stripes
660	yards . . .	green and white horizontal stripes
770	yards . . .	black and white horizontal stripes
870	yards . . .	blue and white horizontal stripes

27. Grade And Distance Survey. A survey by a licensed surveyor of the race course, including all starting chutes, indicating the grade and measurement of distances to be run must be filed with the Commission prior to the first race meeting.

28. Physical Requirements For Non pari-Mutuel Racing Facility. In order for an organization to be granted a license to conduct non pari-mutuel racing, the facility shall meet the following physical requirements:

A. A regulation track shall be a straightaway course of 440 yards in length. The straightaway shall connect with an oval not less than one-half mile in circumference; except that the width may vary according to the number of horses started in a field, but a minimum of twenty feet shall be allowed for the first two horses with an additional five feet for each added starter.

B. The inner and outer rails shall extend the entire length of the straightaway and around the connecting oval; it shall be at least thirty inches and not more than forty-two inches in height. A racetrack not approved by the Commission prior to January 1, 1993, shall otherwise have inner and outer rails of at least thirty-eight inches (38") and not more than forty-two inches in height. It shall be constructed of metal not less than two inches in diameter, wood not less than two inches in thickness and six inches in width, or other construction material approved by the Commission. Whatever construction material is used must provide for the safety of both horse and rider. It must be painted white and maintained at all times.

C. Stabling facilities should be adequate for the number of horses to be on hand for the meet. In no case will a track with less than 200 stalls be acceptable, without Utah Horse Commission approval.

D. Stands for Stewards and Timers shall be located exactly on the finish line and provide a commanding and uninterrupted view of the entire racing strip.

E. The paddock shall be spacious enough to provide adequate safety. The jockey's room shall be in or adjacent to the paddock enclosure and shall be equipped with separate but equal complete sanitation facilities including showers for both male and female riders. This area must be fenced to keep out unauthorized persons and provide maximum security and safety. The fence shall be at least four feet high of chain link, v-mesh or similar construction.

F. A Test Barn with a minimum of two stalls shall be provided for purpose of collecting urine specimens. The Test Barn and a walking ring large enough to accommodate several horses cooling out at the same time shall be completely enclosed by a fence at least eight feet high of chain link, v-mesh or similar construction. There shall be only one entrance into the Test Barn enclosure which shall remain locked or guarded at all times. Provisions shall be made in this area for an office to accommodate the needs of the Official Veterinarian and from which he can observe the stalls and the entrance into the Test Barn enclosure. The organization shall provide facilities for the immediate cooling and freezing of all urine specimens, and shall make provisions for the specimens to be shipped to the laboratory packed in dry ice.

G. A grandstand or bleachers shall be provided for the spectators and shall provide for the comfort and safety of the spectators. Facilities must include rest rooms and a public water supply.

29. Organization As The Insurer Of The Race Meeting. Approval of a race meeting by the Commission does not establish said Commission as the insurer or guarantor of the safety or physical condition of the organization's facilities or purse of any race. The organization does thereby agree to indemnify, save and hold harmless the Utah Horse Commission from any liability, if any, arising from unsafe conditions of track facilities or grandstand and default in payment of purses. The organization shall provide the Commission with a certificate of adequate liability insurance.

R52-7-5. Occupation Licensing and Registration.

1. Occupation Licenses. No person required to be licensed shall participate in a race meeting without their holding a valid license authorizing that participation. Licenses shall be obtained prior to the time such persons engage in their vocations upon such racetrack grounds at any time during the calendar year for which the organization license has been issued.

A. A person whose occupation requires acting in any

capacity within any area of an enclosure shall pay the required fee and procure the appropriate license or licenses.

B. A person acting in any of the following capacities shall pay the required fee and procure the appropriate license or licenses: (A list of all required fees shall be available at the Utah Department of Agriculture and Food.)

1. Owner/Trainer Combination
2. Owner
3. Trainer
4. Assistant Trainer
5. Jockey
6. Veterinarian
7. Jockey Room Attendant
8. Paddock Attendant
9. Pony Rider
10. Concessionaire
11. Valet
12. Groom

C. A person whose license-identification badge is lost or destroyed shall procure a replacement license-identification badge and shall pay the required fee.

D. The date of payment of all required fees as recorded by the Commission shall be the effective date of issuance of a continuous occupation license or registration shall expire on December 31 of the year in which it is issued. A license renewal shall be on an annual basis beginning January 1.

E. All license applicants may be required to provide two complete sets of fingerprints on forms provided by or acceptable to the Commission and pay the required fee for processing the fingerprint cards through State and Federal Law Enforcement Agencies. If the fingerprints are of a quality not acceptable for processing, the licensee may be required to be refingerprinted.

F. All applicants for occupation licenses must be a minimum of 16 years of age. However, this shall not preclude dependent children under the age of 16 from working for their parents or guardian if said parents or guardian are licensed as a trainer or assistant trainer and permission has been obtained from the organization licensee. A trainer or his authorized representative signing a Test Barn Sample Tag must be licensed and a minimum of 18 years of age.

2. Employment Of Unlicensed Person. No organization, owner, trainer or other licensee acting as an employer within the enclosure at an authorized race meeting shall employ or harbor within the enclosure any person required to be licensed by the Commission until such organization, owner, trainer, or other employer determines that such person required to be licensed has been issued a valid license by the Commission. No organization shall permit any owner, trainer, or jockey to own, train, or ride on its premises during a recognized race meeting unless such owner, trainer, or jockey has received a license to do so from the Commission. The organization or prospective employer may demand for inspection the license of any person participating or attempting to participate at its meeting, and the organization may demand for inspection the documents relating to any horse on its grounds.

3. Notice Of Termination. Any organization, owner, trainer, or other licensee acting as an employer within the enclosure at an authorized race meeting shall be responsible for the immediate notification to the Commission and the organization conducting the race meeting of a termination of employment of a licensee. The employer shall make every effort to obtain the license badge from the employee and deliver the license badge to the Commission.

4. Application For License. An applicant for license shall apply in writing on the application forms furnished by the Commission.

5. License Identification Badge Requirements. The license identification badge may consist of the following information concerning the licensee:

A. Full Name
B. Permanent Address
C. License Capacity
D. Date of Issue
E. Passport-Type Color Photograph
F. Social Security Number
G. Date of Birth

All license identification badges may be color coded as to capacity of occupation and eligibility for access to restricted areas. All license holders, except jockeys riding in a race, must wear a current identification badge while present in restricted areas of the enclosure or as otherwise specified in Subsection R52-7-5(1).

6. Honoring Official Credentials. Credentials issued by the Commission may be honored for admission at all gates and entrances and to all places within the enclosure. Automobiles with vehicle decals issued by the Commission to its members and employees shall be permitted ingress and egress at any point. Credentials issued by the National Association of State Racing Commissioners to its members, past members, and staff shall be honored by the organization for admission into the public enclosure when presented therefore by such persons.

7. License Subject To Conditions And Agreements.

A. Every license is subject to the conditions and agreements contained in the application therefore and to the Statutes and Rules.

B. Every license issued to a licensee by the Commission remains the property of the Commission.

C. Possession of a license does not, as such, confer any right upon the holder thereof to employment at or participation in a race.

D. The Commission may restrict, limit, place conditions on, or endorse for additional occupational classes, any license, R52-7-5(9).

8. Changes In Application Information. Each licensee or applicant for license shall file with the Commission his permanent and his current mailing address and shall report in writing to the Commission any and all changes in application information.

9. Grounds For Denial, Refusal, Suspension Or Revocation Of License. The Commission, in addition to any other valid ground or reason, may deny, refuse to issue, suspend or revoke an occupation license for any person:

A. Who has been convicted of a felony of this State, any other state, or the United States of America; or

B. Who has been convicted of violating any law regarding gambling or controlled dangerous substance of this State, any other state, or of the United States of America; or

C. Who is unqualified to perform the duties required of the applicant; or

D. Who fails to disclose or states falsely any information required in the application; or

E. Who has been found guilty of a violation of any provision of the Utah Horse Act or of the Rules and Regulations of the Commission; or

F. Whose license for any racing occupation or activity requiring a license has been or is currently suspended, revoked, refused or denied for just cause in any other competent racing jurisdiction; or

G. Who has been or is currently excluded from any racing enclosure by a competent racing jurisdiction.

10. Examinations. The Commission may require the applicant for any license to demonstrate his knowledge, qualifications, and proficiency for the license applied for by such examination as the Commission may direct.

11. Refusal Without Prejudice. A refusal to issue a license (as distinguished from a denial of a license) to an applicant by the Commission at any race meeting is without prejudice; and the applicant so refused may reapply for a license at any

subsequent or other race meeting, or he may appeal such refusal to the Commission for hearing upon his qualifications and fitness for the license.

12. Hearing After Denial Of License. Any person who has had his license denied may petition the Commission to reopen the case and reconsider its decision upon a sufficient showing that there is now available evidence which could not, with the exercise of reasonable diligence, have been previously presented to the Commission. Any such petition must be filed with the Commission no later than 30 days after the effective date of the Commission's decision in the matter. Any person who has been denied a license by the Commission may not refile a similar application for license until one year from the effective date of the decision to deny the license.

13. Financial Responsibility Of Applicants. Applicants for license as horse owner or trainer must submit satisfactory evidence of their financial ability to care for and maintain the horses owned and/or trained by them when such evidence is requested by the Commission.

14. Physical Examination. The Commission or the Stewards may require that any jockey be examined at any time, and the Commission or the Stewards may refuse to allow any jockey to ride until he has successfully passed such examination.

15. Qualifications For Jockey. No person under 16 years of age shall be granted a jockey's license. A person who has never ridden in a race at a recognized meeting shall not be granted a license as jockey unless he has satisfactorily worked a horse from the starting gate in company, before the Stewards or their representatives. Upon the recommendation of the Stewards, the Commission may issue a jockey's license granting permission to such person for the purpose of riding in not more than four races to establish the qualifications and ability of such person for the license. Subsequently, the Stewards may recommend the granting of a jockey's license.

16. Jockey Agent. A jockey agent is the authorized representative of a jockey if he is registered with the Stewards and licensed by the Commission as the Jockey's representative. No jockey agent shall represent more than two jockeys at the same time.

17. Workers' Compensation Act Compliance. No person may be licensed as a trainer, owner, or in any other capacity in which such person acts as the employer of any other licensee at any authorized race meeting, unless his liability for Workers' Compensation has been secured in accordance with the Workers' Compensation Act of the State of Utah and until evidence of such security for liability is provided the Commission. Should any such required security for liability for Workers' Compensation be canceled or terminated, any license held by such person shall be automatically suspended and shall be grounds for revocation of the license. If a license applicant certifies that he has no employees that would subject him to liability for Workers' Compensation, he may be licensed, but only for the period he has no employees.

18. Program Trainer Prohibited. No licensed trainer, for the purpose of avoiding his responsibilities or insurance requirements as set forth in these Rules, shall place any horse in the care or attendance of any other trainer.

19. Qualifications For License As Horse Owner. No person may be licensed as a horse owner who is not the owner of record of a properly registered race horse which he intends to race in Utah and which is in the care of a licensed trainer, or who does not have an interest in such race horse as a part owner or lessee, or who is not the responsible managing owner of a corporation, syndicate or partnership which is the legal owner of such horse.

20. Horse Ownership By Lease. Horses may be raced under lease provided a completed Utah Horse Commission, breed registry, approved pari-mutuel or other lease form acceptable to the Commission, is attached to the Registration Certificate and on file with the Commission. The lessor(s) and lessee must be licensed as horse owners. No lessor shall execute a lease for the purpose of avoiding insurance requirements.

21. Statements Of Corporation, Partnership, Syndicate Or Other Association Or Entity. All organizational documents of a corporation, partnership, syndicate or other association or entity, and the relative proportion of ownership interest, the terms of sales with contingencies, arrangements, or leases, shall be filed with the Horsemen's Bookkeeper of the organization and with the Commission. The above-said documents shall declare to whom winnings are payable, in whose names the horses shall be run, and the name of the licensed person who assumes all responsibilities as the owner. The part owner of any horse shall not assign his share or any part of it without the written consent of the other partners, and such consent shall be filed with the Horsemen's Bookkeeper and the Commission. A person or persons conducting racing operations as a corporation, partnership, syndicate or other association or entity shall register the information required by Rules in this Article and pay the required fee(s) for the appropriate entity.

22. Stable Name Registration. A person or persons electing to conduct racing operations by use of a stable name shall register the stable name and shall pay the required fee.

A. The applicant must disclose the identity or identities of all persons comprising the stable name.

B. Changes in identities must be reported immediately to and approval obtained from the Commission.

C. No person shall register more than one stable name at the same time nor use his real name for racing purposes so long as he has a registered stable name.

D. Any person who has registered under a stable name may cancel the stable name after he has given written notice to the Commission.

E. A stable name may be changed by registering a new stable name and by paying the required Fee.

F. No person shall register a stable name which has been registered by any other person with any organization conducting a recognized race meeting.

G. A stable name shall be clearly distinguishable from that of another registered stable name.

H. The stable name, and the name of the owner or managing owner, shall be published in the official program. If the stable name consists of more than one person, the official program will list the name of the managing owner along with the phrase "et al."

I. If a partnership, corporation, syndicate, or other association or entity is involved in the identity comprising a stable name, the rules covering a partnership, corporation, syndicate or other association or entity must be complied with and the usual fees paid therefore in addition to the fees for the registration of a stable name.

23. Ownership Licensing Required. The ownership licensing procedures required by the Commission must be completed prior to the horse starting in a race and shall include all registrations, statements and payment of fees.

24. Knowledge Of Rules. Every licensee, in order to maintain their qualifications for any license held by them, shall be familiar with and knowledgeable of the rules, including all amendments. Every licensee is presumed to know the rules.

25. Certain Prohibited Licenses. Commission-licensed jockeys, veterinarians, organizations' security personnel, vendors, and such other licensees designated by the stewards with approval of the Commission, shall not hold any other license. The Commission may refuse to issue a license to a person whose spouse holds a license and which, in the opinion of the Commission, would create a conflict of interest.

R52-7-6. Racing Officials and Commission Racing

Personnel.

1. Racing Officials. The racing officials of a race meeting, unless otherwise ordered by the Commission, are as follows: the stewards, the associate judges, the placing judges, the paddock judge, the patrol judges, the starter, the identifier/tattooer, and the racing secretary. No racing official may serve in that capacity during any race meeting at which is entered a horse owned by them or by a member of their family or in which they have any financial interest. Being the lessee or lessor of a horse shall be construed as having a financial interest.

2. Responsibility To The Commission. The racing officials shall be strictly responsible to the Commission for the performance of their respective duties, and they shall promptly report to the Commission or its stewards any violation of the rules of the Commission coming to their attention or of which they have knowledge. Any racing official who fails to exercise due diligence in the performance of his duties shall be relieved of his duties by the stewards and the matter referred to the Commission.

3. Racing Officials Subject To Approval. Every racing official is subject to prior approval by the Commission before being eligible to act as a racing official at the meeting. At the time of making application for an organization license, the organization shall nominate the racing officials other than the racing officials appointed by the Commission; and after issuance of license to the organization, there shall be no substitution of any racing official except with approval of the stewards or the Commission.

4. Racing Officials Appointed By The Commission. The Commission shall appoint the following racing officials for a race meeting: The board of three stewards and the identifier/tattooer. The Commission may appoint from the approved stewards list one steward to serve as state steward.

5. Racing Personnel Employed By The Commission. The Commission shall employ the services of the licensing person for a race meeting.

6. General Authority Of Stewards. The stewards have general authority and supervision over all licensees and other persons attendant on horses, and also over the enclosures of any recognized meeting. Stewards have the power to interpret the Rules and to decide all questions not specifically covered by them. The stewards shall have the power to determine all questions arising with reference to entries, eligibility and racing; and all entries, declarations and scratches shall be under the supervision of the stewards. The stewards shall be strictly responsible to the Commission for the conduct of the race meeting in every particular.

7. Vacancy Among Racing Officials. Where a vacancy occurs among the racing officials, the stewards shall fill the vacancy immediately. Such appointment is effective until the vacancy is filled in accordance with the rules.

8. Jurisdiction Of Stewards To Suspend Or Fine. The stewards' jurisdiction in any matter commences 72 hours before entries are taken for the first day of racing at the meeting and extends until 30 days after the close of such meeting. In the event a dispute or controversy arises during a race meeting which is not settled within the stewards' thirty-day jurisdiction, then the authority of the stewards may be extended by authority of the Commission for the period necessary to resolve the matter, or until the matter is referred or appealed to the Commission. The stewards may suspend for not more than one year per violation the license of anyone whom they have the authority to supervise; or they may impose a fine not to exceed $2,500 per violation; or they may exclude from all enclosures in this state; or they may suspend and fine and/or exclude. All such suspensions, fines, or exclusions shall be reported immediately to the Commission. The Stewards may suspend a horse from participating in races if the horse has been involved in violation(s) of the rules promulgated by the Commission or the provisions of the Utah Horse Act under the following circumstances:

A. A horse is a confirmed bleeder as determined by the official veterinarian, and the official veterinarian recommends to the stewards that the horse be suspended from participation.

B. A horse is involved with:

i. Any violation of medication laws and rules;

ii. Any suspension or revocation of an occupation license by the stewards or the Commission or any racing jurisdiction recognized by the Commission; or

iii. Any violation of prohibited devices, laws, and rules.

9. Referral To The Commission. The stewards may refer with or without recommendation any matter within their jurisdiction to the Commission.

10. Payment Of Fines. All fines imposed by the stewards or Commission shall be due and payable to the Commission within 72 hours after imposition, except when the imposition of such fine is ordered stayed by the stewards, the Commission, or a court having jurisdiction. However, when a fine and suspension is imposed by the stewards or Commission, the fine shall be due and payable at the time the suspension expires. Nonpayment of the fine when due and payable may result in immediate suspension pending payment of the fine.

11. Stewards' Reports And Records. The stewards shall maintain a record which shall contain a detailed, written account of all questions, disputes, protests, complaints, and objections brought to the attention of the stewards. The stewards shall prepare a daily report concerning their race day activities which shall include fouls and disqualifications, disciplinary hearings, fines and suspensions, conduct of races, interruptions and delays, and condition of racing facility. The stewards shall submit the signed original of their report and record to the Executive Director of the Commission within 72 hours of the race day.

12. Power To Order Examination Of Horse. The stewards shall have the power to have tested, or cause to be examined by a qualified person, any horse entered in a race, which has run in a race, or which is stabled within the enclosure; and may order the examination of any ownership papers, certificates, documents of eligibility, contracts or leases pertaining to any horse.

13. Calling Off Race. When, in the opinion of the stewards, a race(s) cannot be conducted in accordance with the rules of the Commission, they shall cancel and call off such race(s). In the event of mechanical failure or interference during the running of a race which affects the horses in such race, the Stewards may declare the race a "no contest." A race shall be declared "no contest" if no horse covers the course.

14. Substitution Of Jockey Or Trainer.

A. In the event a jockey who is named to ride a mount in a race is unable to fulfill his engagement and is excused by the stewards, the trainer of the horse may select a substitute jockey; or, if no substitute jockey is available, the stewards may scratch the horse from the race. However, the responsibility to provide a jockey for an entered horse remains with the trainer; and the scratching of said horse by the stewards shall not be grounds for the refund of any nomination, sustaining, penalty payments, or entry fees.

B. In the absence of the trainer of the horse, the stewards may place the horse in the temporary care of another trainer of their selection; however, such horse may not be entered or compete in a race without the approval of the owner and the substitute trainer. The substitute trainer must sign the entry card.

15. Stewards' List. The stewards may maintain a stewards' list of those horses which, in their opinion, are ineligible to be entered in any race because of poor or inconsistent performance due to the inability to maintain a straight course, or any other reason considered a hazard to the safety of the participants.

Such horse shall be refused entry until it has demonstrated to the stewards or their representatives that it can race safely and can be removed from the stewards' list.

16. Duties Of The Starter. The starter shall have complete jurisdiction over the starting gate, the starting of horses, and the authority to give orders not in conflict with the rules as may be required to ensure all participants an equal opportunity to a fair start. The starter shall appoint his assistants; however, he shall not permit his assistants to handle or take charge of any horse in the starting gate without his expressed permission. In the event that organization starter assistants are unavailable to head a horse, the responsibility to provide qualified individuals to head and/or tail a horse in the starting gate shall rest with the trainer. The starter may establish qualification for and maintain a list of such qualified individuals approved by the stewards. No assistant starter or any individual handling a horse at the starting gate shall in any way impede, whether intentionally or otherwise, the start of the race; nor may an assistant starter or other individual, except the jockey handling the horse at the starting gate, apply a whip or other device in an attempt to load any horse in the starting gate. No one other than the jockey shall slap, boot, or otherwise attempt to dispatch a horse from the starting gate.

17. Starter's List. The starter may maintain a starter's list of all horses which, in his opinion, are ineligible to be entered in any race because of poor or inconsistent performance in the starting gate. Such horse shall be refused entry until it has demonstrated to the starter or his representatives that it has been satisfactorily schooled in the gates and can be removed from the starter's list. Such schooling shall be under the direct supervision of the starter or his representatives.

18. Duties Of The Paddock Judge. The paddock judge shall supervise the assembling of the horses scheduled to race, the saddling of horses in the paddock, the saddling equipment and changes thereof, the mounting of the jockeys, and their departure for the post. The paddock judge shall provide a report on saddling equipment to the Stewards at their request.

19. Duties Of Patrol Judges. The patrol judges, when utilized, shall be subject to the orders of the stewards and shall report to the stewards all facts occurring under their observation during the running of a race.

20. Duties Of Placing Judges And Timers. The placing judges, timers, and/or stewards shall occupy the judges' stand at the time the horses pass the finish line; and their duties shall be to hand time, place the horses in the correct order of finish, and report the results. In case of a dead heat or a disagreement as to the correct order of finish, the decision of the stewards shall be final. In placing the horses at the finish, the position of the horses' noses only shall be considered the most forward point of progress.

21. Duties Of The Clerk Of Scales. The clerk of scales is responsible for the presence of all jockeys in the jockey's room at the appointed time and to verify that all jockeys have a current Utah jockey's license. The clerk of scales shall verify the correct weight of each jockey at the time of weighing out and when weighing in, and shall report any discrepancies to the stewards immediately. In addition, he or she shall be responsible for the security of the jockey's room and the conduct of the jockeys and their attendants. He or she shall promptly report to the stewards any infraction of the Rules with respect to weight, weighing, riding equipment, or conduct. He or she shall be responsible for accounting of all data required on the scale sheet and submit that data to the horsemen's bookkeeper at the end of each race day.

22. Duties Of The Racing Secretary. The racing secretary shall write and publish conditions of all races and distribute them to horsemen as far in advance of the closing of entries as possible. He or she shall be responsible for the safekeeping of registration certificates and the return of same to the trainers on request or at the conclusion of the race meeting. He or she shall record winning races on the form supplied by the breed registry, which shall remain attached to or part of the registration certificate. The racing secretary shall be responsible for the taking of entries, checking eligibility, closing of entries, selecting the races to be drawn, conducting the draw, posting the overnight sheet, compiling the official program, and discharging such other duties of their office as required by the rules or as directed by the Stewards.

23. Duties Of Associate Judge. An associate judge may perform any of the duties which are performed by any racing official at a meeting, provided such duties are assigned or delegated to them by the Commission or by the stewards presiding at that meeting.

24. Duties Of The Official Veterinarian. The official veterinarian must be a graduate veterinarian and licensed to practice in the State of Utah. He or she shall recommend to the stewards any horse that is deemed unsafe to be raced, or a horse that it would be inhumane to allow to race. He or she shall supervise the taking of all specimens for testing according to procedures approved by the Commission. He or she shall provide proper safeguards in the handling of all laboratory specimens to prevent tampering, confusion, or contamination. All specimens collected shall be sent in locked and sealed cases to the laboratory. He or she shall have the authority and jurisdiction to supervise the practicing licensed veterinarians within the enclosure. The official veterinarian shall report to the Commission the names of all horses humanely destroyed or which otherwise expire at the meeting, and the reasons therefore. The official veterinarian may place horses on a veterinarian's list, and may remove from the list those horses which, in their opinion, can satisfactorily compete in a race.

25. Veterinarian's List. The official veterinarian may maintain a list of all horses who, in their opinion, are incapable of safely performing in a race and are, therefore, ineligible to be entered or started in a race. Such horse may be removed from the Veterinarian's List when, in the opinion of the official veterinarian, the horse has satisfactorily recovered the capability of performing in a race. The reasons for placing a horse on the veterinarian's list shall include the shedding of blood from one or both nostrils following exercise or the performance in a race and the running of a temperature unnatural to the horse.

26. Duties Of The Identifier. The identifier shall identify all horses starting in a race. The identifier shall inspect documents of ownership, eligibility, registration, or breeding as may be necessary to ensure proper identification of each horse eligible to compete at a race meeting provide assistance to the stewards in that regard. The identifier shall immediately report to the paddock judge and the stewards any horse which is not properly identified or any irregularities reflected in the official identification records. The identifier shall report to the stewards and to the Commission on general racing practices observed, and perform such other duties as the Commission may require. The identifier shall report to the racing secretary before the close of the race day business.

R52-7-7. Entries and Declarations.

1. Control Over Entries And Declarations. All entries and declarations are under the supervision of the Stewards or their designee; and they, without notice, may refuse the entries any person or the transfer of entries.

2. Racing Secretary To Establish Conditions. The racing secretary may establish the conditions for any race, the allowances or handicaps to be established for specific races, the procedures for the acceptance of entries and declarations, and such other conditions as are necessary to provide and conduct the organization's race meeting. The racing secretary is responsible for the receipt of entries and declarations for all races. The racing secretary, employees of their department, or racing officials shall not disclose any pertinent information

concerning entries which have been submitted until all entries are closed. After an entry to a race for which conditions have been published has been accepted by the racing secretary or their delegate, no condition of such race shall be changed, amended or altered, nor shall any new condition for such race be imposed.

3. Entries. No horse shall be entered in more than one race on the same day. No person shall enter or attempt to enter a horse for a race unless such entry is a bona fide entry made with the intention that such horse is to compete in the race for which entry is made except, if racing conditions permit, for entry back in finals or consolations involving physically disabled or dead qualifiers for purse payment purposes. Entries shall be in writing on the entry card provided by the organization and must be signed by the trainer or assistant trainer of the horse. Entries made by telephone are valid properly confirmed by the track when signing the entry card. No horse shall be allowed to start unless the entry card has been signed by the trainer or his assistant trainer.

4. Determining Eligibility. Determination of a horse's eligibility, penalty or penalties and the right to allowance or allowances for all races shall be from the date of the horse's last race unless the conditions specify otherwise. The trainer is responsible for the eligibility of his horse and to properly enter his horse in condition. In the event the records of the Racing Secretary or the appropriate breed registry do not reflect the horse's most recent starts, the trainer or owner shall accurately provide such information. If a horse is not eligible under the first condition of any race, he cannot be eligible under subsequent conditions. If the conditions specify nonwinners of a certain amount, it means that the horse has not won a race in which the winner's share was the specified amount or more. If the conditions specify nonearners of a stated amount, it means that the horse has not earned that stated amount in any total number of races regardless of the horse's placing.

5. Entries Survive With Transfer. All entries and rights of entry are valid and survive when a horse is sold with his engagements duly transferred. If a partnership agreement is properly filed with the Horsemen's Bookkeeper, subscriptions, entries and rights of entry survive in the remaining partners. Unless written notice to the contrary is filed with the stewards, the entries, rights of entry, and engagements remain with the horse and are transferred therewith to the new owner. No entry or right of entry shall become void on the death of the nominator unless the conditions of the race state otherwise.

6. Horses Ineligible To Start In A Race. In addition to any other valid ground or reason, a horse is ineligible to start any race if:

A. Such horse is not registered by The Jockey Club if a Thoroughbred; the American Quarter Horse Association if a Quarter Horse; the Appaloosa Horse Club if an Appaloosa; the Arabian Horse Club Registry of America if an Arabian; the American Paint Horse Association if a Paint; the Pinto Horse Association of America, Inc., if a Pinto; or any successors to any of the foregoing or other registry recognized by the Commission.

B. The Certificate of Foal Registration, eligibility papers, or other registration issued by the official registry for such horse is not on file with the racing secretary one hour prior to post time for the race in which the horse is scheduled to race.

C. Such horse has been entered or raced at any recognized race meeting under any name or designation other than the name or designation duly assigned by and registered with the official registry.

D. The Win Certificate, Certificate of Foal Registration, eligibility papers or other registration issued by the official registry has been materially altered, erased, removed, or forged.

E. Such horse is ineligible to enter said race, is not duly entered for such race, or remains ineligible to time of starting.

F. The trainer of such horse has not completed the prescribed licensing procedures required by the Commission before entry and the ownership of such horse has not completed the prescribed licensing procedures prior to the horse starting or the horse is in the care of an unlicensed trainer.

G. Such horse is owned in whole or in part or trained by any person who is suspended or ineligible for a license or ineligible to participate under the rules of any Turf Governing Authority or Stud Book Registry.

H. Such horse is a suspended horse.

I. Such horse is on the stewards' list, starter's list, or the veterinarian's list.

J. Except with permission of the stewards and identifier, the identification markings of the horse do not agree with identification as set forth on the registration certificate to the extent that a correction is required from the appropriate breed registry.

K. Except with the permission of the stewards, a horse has not been lip tattooed by a Commission approved tattooer.

L. The entry of a horse is not in the name of his true owner.

M. The horse has drawn into the field or has started in a race on the same day.

N. Its age as determined by an examination of its teeth by the official veterinarian does not correspond to the age shown on its registration certificate, such determination by tooth examination to be made in accordance with the current "Official Guide for Determining the Age of the Horse" as adopted by the American Association of Equine Practitioners.

7. Horses Ineligible To Enter Or Start. Any horse ineligible to be entered for a race or ineligible to start in any race which is entered or competes in such race, may be scratched or disqualified; and the stewards may discipline any person responsible.

8. Registration Certificate To Reflect Correct Ownership. Every certificate of registration, eligibility certificate or lease agreement filed with the organization and its racing secretary to establish the eligibility of a horse to be entered for any race shall accurately reflect the correct and true ownership of such horse, and the name of the owner which is printed on the official program for such horse shall conform to the ownership as declared on the certificate of registration or eligibility certificate. A stable name may be registered for such owner or ownership with the Commission. In the event ownership is by syndicate, corporation, partnership or other association or entity, the name of the owner which is printed on the official program for such shall be the responsible managing owner, officer, or partner who assumes all responsibilities as the owner.

9. Alteration Or Forgery Of Certificate Of Registration. No person shall alter or forge any win sheet, certificate of registration, certificate of eligibility, or any other document of ownership or registration, no willfully forge or alter the signature of any person required on any such document or entry card.

10. Declarations And Scratches. Any trainer or assistant trainer of a horse which has been entered in a race who does not wish such horse to participate in the draw must declare his horse from the race prior to the close of entries. Any trainer or assistant trainer of a horse which has been drawn into or is also eligible for a race who does not wish such horse to start in the race, must scratch his horse from the race prior to the designated scratch time. The declaration or scratch of a horse from a race is irrevocable.

11. Deadline For Arrival Of Entered Horses. All horses scheduled to compete in a race must be present within the enclosure no later than 30 minutes prior to their scheduled race without stewards' approval. Horses not within the enclosure by their deadline may be scratched and the trainer subject to fine and/or suspension.

12. Refund Of Fees. If a horse is declared or scratched from a race, the owner of such horse shall not be entitled to a refund of any nomination, sustaining and penalty payments, entry fees, or organization charges paid or remaining due at the time of the declaration or scratch. In the event any race is not run, declared off, or canceled for any reason, the owners of such horses that remain eligible at the time the race is declared off or canceled shall be entitled to a complete refund of all the above payments and fees less monies specified in written race conditions for advertising and promotion.

13. Release Of Certificates. Any certificate of registration or document of ownership filed with the racing secretary to establish eligibility to enter a race shall be released only to the trainer of record of the horse. However, the trainer may authorize in a form provided by the racing secretary the release of the certificate to the owner named on the certificate or his authorized agent. Any disputes concerning the rights to the registration certificates shall be decided by the stewards.

14. Nomination Races. Prior to the closing of nominations, the organization shall file with the Commission a copy of the nomination blank and all advertisements for races to be run during a race meeting. For all races which nominations close no earlier than 72 hours before post time, the organization shall furnish the Commission and the owners of horses previously made eligible by compliance with the conditions of such race, with a list of all horses nominated and which remain eligible. The list shall be distributed within 15 days after the due date of each payment and shall include the horse's name, the owner's name and the total amount of payments and gross purse to date, including any added monies, applicable interest, supplementary payments, and deduction for advertising and administrative expenses. The organization shall deposit all monies for a nomination race in an escrow account according to procedures approved by the Commission.

15. Limitations On Field And Number Of Races. No race with less than two horses entered and run, shall be approved by the UHRC. No more than 20 races may be run on a race day, except with permission of the Commission. A race day may be canceled if less than 75 horses have been entered on the day's program, with the exception of days on which trials or finals for a nomination race are scheduled.

16. Agreement Upon Entry. No entry shall be accepted in any race except upon the condition that all disputes, claims, and objections arising out of the racing or with respect to the interpretation of Commission and track rules or conditions of any race shall be decided by the Board of Stewards at the race meet; or, upon appeal, decided by the Commission.

17. Selection Of Entered Horses. The manner of selecting post positions of horses shall be determined by the stewards. The selection shall be by lot and shall be made by one of the stewards or their designee and a horseman, in public, at the close of entries. If the number of entries to any race is in excess of the number of horses which may, because of track limitations, be permitted to start in any one race, the race may be split; or four horses not drawing into the field may be placed on an also eligible list.

18. Preferred List Of Horses. The racing secretary may maintain a list of entered horses eliminated from starting by a surplus of entries, and these horses shall constitute a preferred list and have preference. The manner in which the preferred list shall be maintained and all rules governing such list shall be the responsibility of the Racing Secretary. Such rules must be submitted to the Commission 30 days prior to the commencement of the meet and are subject to approval by the Commission.

R52-7-8. Veterinarian Practices, Medication and Testing Procedures.

1. Veterinary Practices - Treatment Restricted. Within the time period of 24 hours prior to the post time for the first race of the week until four hours after the last race of the week, no person other than Utah licensed veterinarians or animal technicians under direct supervision of a licensed veterinarian who have obtained a license from the Commission shall administer to any horse within the enclosure any veterinary treatment or any medicine, medication, or other substance recognized as a medication, except for recognized feed supplements or oral tonics or substances approved by the Official Veterinarian.

2. Veterinarians Under Supervision Of Official Veterinarian. Veterinarians licensed by the Commission and practicing at an authorized meeting are under the supervision of the Official Veterinarian and the Stewards. The Official Veterinarian shall recommend to the Stewards or the Commission the discipline to be imposed upon a veterinarian who violates the Rules, and he or she may sit with the Stewards in any hearing before the Stewards concerning such discipline or violation.

3. Veterinarian Report. Every veterinarian who treats any horse within the enclosure for any contagious or communicable disease shall immediately report to the official veterinarian in writing on a form approved by the Commission. The form shall include the name and location of the horse treated, the name of the trainer, the time of treatment, the probable diagnosis, and the medication administered. Each practicing veterinarian shall be responsible for maintaining treatment records on all horses to which they administer treatment during a given race meeting. These records shall be available to the Commission upon subpoena when required. Any such record and any report of treatment as described above is confidential; and its content shall not be disclosed except in a proceeding before the stewards or the Commission, or in the exercise of the Commission's jurisdiction.

4. Drugs Or Medication. Except as authorized by the provisions of this Article, no drug or medication shall be administered to any horse prior to or during any race. Presence of any drug or its metabolites or analog, or any substance foreign to the natural horse found in the testing sample of a horse participating in a Commission-sanctioned race shall result in disqualification by the Stewards. When a horse is disqualified because of an infraction of this Rule, the owner or owners of such horse shall not participate in any portion of the purse or stakes; and any trophy or other award shall be returned. (See Drugs and Medications Exceptions, Section R67-7-13.)

5. Racing Soundness Examination. Each horse entered to race may be subject to a veterinary examination by the official veterinarian or his authorized representative for racing soundness and health on race day.

6. Positive Lab Reports. A finding by a licensed laboratory that a test sample taken from a horse contains a drug or its metabolites or analog, or any substance foreign to the natural horse shall be prima facie evidence that such has been administered to the horse either internally or externally in violation of these rules. It is presumed that the sample of urine, saliva, blood or other acceptable specimen tested by the approved laboratory to which it is sent is taken from the horse in question; its integrity is preserved; that all procedures of same collection and preservation, transfer to the laboratory, and analyses of the sample are correct and accurate; and that the report received from the laboratory pertains to the sample taken from the horse in question and correctly reflects the condition of the horse during the race in which he was entered, with the burden on the trainer, assistant trainer or other responsible party to prove otherwise at any hearing in regard to the matter conducted by the stewards or the Commission.

7. Intent Of Medication Rules. It shall be the intent of these rules to protect the integrity of horse racing, to guard the health of the horse, and to safeguard the interests of the public

and the racing participants through the prohibition or control of all drugs, medication, and substances foreign to the natural horse.

8. Power To Have Tested. As a safeguard against the use of drugs, medication, and substances foreign to the natural horse, a urine or other acceptable sample shall be taken under the direction of the official veterinarian from the winner of every race and from such other horses as the stewards or the Commission may designate.

9. Pre-Race Testing. The stewards may require any horse entered to race to submit to a blood or other pre-race test, and no horse is eligible to start in a race until the owner or trainer complies with the required testing procedure.

10. Equipment For Official Testing. Organizations shall provide the equipment, necessary supplies and services prescribed by the Commission and the official veterinarian for the taking of or administration of blood, urine, saliva or other tests.

11. Taking Of Samples. Blood, urine, saliva or other samples shall be taken under the direction of the official veterinarian or persons appointed or assigned by the official veterinarian for taking samples. All samples shall be taken in a detention area approved by the Commission, unless the Official Veterinarian approves otherwise. Each horse shall be cooled out for a minimum of 30 minutes after entry into the test barn before a sample is to be taken. The taking of any test samples shall be witnessed, confirmed or acknowledged by the trainer of the horse being tested or his authorized representative or employee, and may be witnessed by the owner, trainer, or other licensed person designated by them. Samples shall be sent to racing laboratories approved and designated by the Commission, in such manner as the Commission or its designee may direct. All required samples shall be in the custody of the official veterinarian, his/her assistants or other persons approved by the official veterinarian from the time they are taken until they are delivered for shipment to the testing laboratory. No person shall tamper with, adulterate, add to, break the seal of, remove or otherwise attempt to so alter or violate any sample required to be taken by this Article, except for the addition of preservatives or substances necessarily added by the Commission-approved laboratory for preservation of the sample or in the process of analysis.

The Commission has the authority to direct the approved laboratory to retain and preserve samples for future analysis.

The fact that purse money has been distributed prior to the issuance of a laboratory report shall not be deemed a finding that no chemical substance has been administered in violation of these Rules to the horse earning such purse money.

12. Laboratories Approved By The Commission. Only laboratories approved by the Commission may be used in obtaining analysis reports on urine, or other specimens, taken from the winners or other designated horses of each race meeting. The Commission and the Board of Stewards shall receive reports directly from the laboratory.

13. Split Samples. As determined by the official veterinarian, when sample quantity permits, each test sample shall be divided into two portions so that one portion shall be used for the initial testing for unknown substances. If the Trainer or owner so requests in writing to the stewards within 48 hours of notice of positive lab report on the test sample of his horse, the second sample shall be sent for further testing to a drug testing laboratory designated and approved by the commission. Nothing in this rule shall prevent the commission or executive director from ordering first use of both sample portions for testing purposes. The results of said split sampling may not prevent the disqualification of the horse as per R52-7-8-4 and R52-7-8-6. All costs for transportation and testing of the second sample portion shall be the responsibility of the requesting person. The official veterinarian shall have overall supervision and responsibility for the freezing, storage and safeguarding of the second sample portion.

14. Facilitating The Taking Of Urine Samples. When a horse has been in the test barn more than 1-1/2 hours, a diuretic may be administered by the Official Veterinarian for the purpose of facilitating the collection of a urine sample with permission of the stewards and the trainer or the trainer's authorized test barn representative. The cost of administration of the diuretic is the responsibility of the trainer. Prior to the administration of a diuretic, a blood sample may be taken from the horse.

15. Postmortem Examination. Every horse which dies or suffers a breakdown on the racetrack in training or in competition within any enclosure licensed by the Commission and is destroyed, may undergo, at a time and place acceptable to the official veterinarian, a postmortem examination to the extent reasonably necessary to determine the injury or sickness which resulted in euthanasia or natural death. Any other horse which expires within any enclosure may be required by the official veterinarian to undergo a postmortem examination.

A. The postmortem examination required under this rule will be conducted by a licensed veterinarian employed by the owner or his trainer in consultation with the official veterinarian, who may be present at such postmortem examination.

B. Test samples may be obtained from the carcass upon which the postmortem examination is conducted and shall be sent to a laboratory approved by the Commission for testing for foreign substances or their metabolites and natural substances at abnormal levels. When practical, samples shall be procured prior to euthanasia.

C. The owner of the deceased horse shall make payment of any charges due the veterinarian employed by him to conduct the postmortem examination.

D. A record of such postmortem shall be filed with the official veterinarian by the owner's veterinarian within 72 hours of the death and shall be submitted on a form supplied by the Commission.

E. Each owner and trainer accepts the responsibility for the postmortem examination provided herein as a requisite for maintaining the occupation license issued by the Commission.

R52-7-9. Running the Race.

1. Jockeys To Report. Every jockey engaged to ride in a race shall report to the jockey room at least one hour before post time of the first race and shall weigh out at the appointed time unless excused by the stewards. After reporting, a jockey shall not leave the jockey room until all of their riding engagements have been fulfilled and/or unless excused by the stewards.

2. Entrance To Jockey Room Prohibited. Except with permission of the stewards or the Commission, no person shall be permitted entrance into the jockey room from one hour before post time for the first race until after the last race other than jockeys, their attendants, racing officials and security officers on duty, and organization employees performing required duties.

3. Weighing Out. All jockeys taking part in a race must be weighed out by the Clerk of Scales no more than one hour preceding the time designated for the race. Any overweight in excess of one pound shall be declared by the jockey to the Clerk of Scales, who shall report such overweight and any change in jockeys to the Stewards for immediate public announcement. A jockey's weight includes the riding costume, racing saddle and pad; but shall not include the jockey's safety helmet, whip, the horse's bridle or other regularly approved racing tack. A jockey must be neat in appearance and must wear a conventional riding costume.

4. Unruly Horses In The Paddock. If a horse is so unruly in the saddling paddock that the identifier cannot read the tattoo

number and properly identify the horse; or if the trainer or their assistant is uncooperative in the effort to identify the horse, then the horse may be scratched by order of the stewards.

5. Use Of Equipment. No bridle shall weigh more than two pounds, nor shall any whip weigh more than one pound or be more than 31 inches in length. No whip shall be used unless it shall have affixed to the end thereof a leather "popper." All whips are subject to inspection and approval by the stewards. Blinkers are not to be placed on the horse until after the horse has been identified by the official identifier, except with permission of the stewards.

6. Prohibited Use Of Equipment. Jockeys are prohibited from whipping a horse excessively, brutally, or upon the head, except when necessary to control the horse. No mechanical or electrical devices or appliances other then the ordinary whip shall be possessed by any individual or used on any horse at any time a race meeting, whether in a race or otherwise.

7. Responsibility For Weight. The jockey, trainer and owner shall be responsible for the weight carried by the horse after the jockey has been weighed out for the race by the clerk of scales. The trainer or owner may substitute a jockey when the engaged jockey reports an overweight in excess of two pounds.

8. Safety Equipment Required. All persons, when mounted on a race horse within the enclosure or riding in a race, shall wear a properly fastened safety helmet and flak jacket. The Commission or the stewards may require any other person to wear such helmet and jacket when mounted on a horse within the enclosure. All safety helmets and flak jackets so required are subject to approval of the stewards or Commission.

9. Display Of Colors And Post Position Numbers. In a race, each horse shall carry a conspicuous saddle cloth number and a head number, and the jockey shall wear colors and a numbered helmet cover corresponding to the number of the horse which are furnished by the organization licensee.

10. Deposit Of Jockey Fee. The minimum jockey mount fee for a losing mount in the race must be on deposit with the horsemen's bookkeeper, prior to the time for weighing out, and failure to have such minimum fee on deposit is cause for disciplinary action and cause for the stewards to scratch the horse for which such fee is to be deposited. The organization assumes the obligation to pay the jockey fee when earned by the engaged jockey. The jockey fee shall be considered earned when the jockey is weighed out by the clerk of scales, unless, in the opinion of the stewards, such jockey capable of riding elect to take themselves off the mount without proper cause.

11. Requirements For Horse, Trainer, And Jockey. Every horse must be in the paddock at the time appointed by the stewards before post time for their race. Every horse must be saddled in the paddock stall designated by the paddock judge unless special permission is granted by the stewards to saddle elsewhere. Each trainer or their assistant trainer having the care and custody of such horse shall be present in the paddock to supervise the saddling of the horse and shall give such instructions as may be necessary to assure the best performance of the horse. Every jockey participating in a race shall give their best effort in order to facilitate the best performance of their horse.

12. Failure To Fulfill Jockey Engagements. No jockey engaged for a certain race or for a specified time may fail or refuse to abide by his or her agreement unless excused by the stewards.

13. Control And Parade Of Horses On The Track. The horses are under the control of the starter from the time they enter the track until dispatched at the start of the race. All horses with jockey mounted shall parade and warm up carrying their weight and wearing their equipment from the paddock to the starting gate, as well as to the finish line. Any horse failing to do so may be scratched by the stewards. After passing the stands at least once, the horses may break formation and warm up until directed to proceed to the starting gate. In the event a jockey is injured during the parade to post or at the starting gate and must be replaced, the horse shall be returned to the paddock and resaddled with the replacement jockey's equipment. Such horse must carry the replacement jockey to the starting gate.

14. Start Of The Race. When the horses have reached the starting gate, they shall be placed in their starting gate stalls in the order stipulated by the starter. Except in cases of emergency, every horse shall be started by the starter from a starting gate approved by the Commission. The starter shall see that the horses are placed in their proper positions without unnecessary delay. Causes for any delay in the start shall immediately be reported to the stewards. If, when the starter dispatches the field, the doors at the front of the starting gate stall should not open properly due to a mechanical failure of malfunction of the starting gate, the stewards may declare such horse to be a nonstarter. Should a horse which is not previously scratched not be in the starting gate stall thereby causing such horse to be left when the field is dispatched by the starter, such horse shall be declared a nonstarter by the stewards.

15. Leaving The Race Course. Should a horse leave the course while moving from the paddock to starting gate, he shall return to the course at the nearest practical point to that at which he left the course, and shall complete his parade to the starting gate from the point at which he left the course. However, should such horse leave the course to the extent that he is out of the direct line of sight of the stewards, or if such horse cannot be returned to the course within a reasonable amount of time, the stewards shall scratch the horse. Any horse which leaves the course or loses its jockey during the running of a race shall be disqualified and may be placed last, or the horse may be unplaced.

16. Riding Rules. In a straightaway race, every horse must maintain position as nearly as possible in the lane in which he starts. If a horse is ridden, drifts, or swerves out of their lane in such a manner that he interferes with or impedes another horse, it is a foul. Every jockey shall be responsible for making his best effort to control and guide his mount in such a way as not to cause a foul. The stewards shall take cognizance of riding which results in a foul, irrespective of whether an objection is lodged; and if in the opinion of the stewards a foul is committed as a result of a jockey not making his best effort to control and guide their mount to avoid a foul, whether intentionally or through carelessness or incompetence, such jockey may be penalized at the discretion of the stewards.

17. Stewards To Determine Fouls And Extent Of Disqualification. The stewards shall determine the extent of interference in cases of fouls or riding infractions. They may disqualify the offending horse and place it behind such other horses as in their judgment it interfered with, or they may place it last. The stewards may determine that a horse shall be unplaced.

18. Careless Riding. A jockey shall not ride carelessly or willfully so as to permit his or her mount to interfere with or impede any other horse in the race. A jockey shall not willfully strike at another horse or jockey so as to impede, interfere with, or injure the other horse or jockey. If a jockey rides in a manner contrary to this rule, the horse may be disqualified and/or the jockey may be fined and/or suspended, or otherwise disciplined.

19. Ramifications Of A Disqualification. When a horse is disqualified by the stewards, every horse in the race owned wholly or in part by the same owner, or trained by the same trainer, may be disqualified. When a horse is disqualified for interference in a time trial race, it shall receive the time of the horse it is placed behind plus 0.01 of a second penalty, or more exact measurement if photo finish equipment permits, and shall be eligible to qualify for the finals or consolations of the race on the basis of the assigned time.

20. Dead Heat. When a race results in a dead heat, the

heat shall not be run off. The purse distribution due the horses involved in the dead heat shall be divided equally between them. All prizes or trophies for which a duplicate is not awardable shall be drawn for by lot.

21. Returning To The Finish After The Race. After the race, the jockey shall return their horse to the finish and before dismounting, salute the stewards. No person shall assist a jockey in removing from their horse the equipment that is to be included in the jockey's weight except by permission of the stewards. No person shall throw any covering over any horse at the place of dismounting until the jockey has removed the equipment that is to be included in his weight.

22. Objection - Inquiry Concerning Interference. Before the race has been declared official, a jockey, trainer or their assistant trainer, owner or their authorized agent of the horse, who has reasonable grounds to believe that their horse was interfered with or impeded or otherwise hindered during the running of a race, or that any riding rule was violated by any jockey or horse during the running of the race, may immediately make a claim of interference or foul with the stewards or their delegate. The stewards shall thereupon hold an inquiry into the running of the race; however, the stewards may upon their own motion conduct an inquiry into the running of a race. Any claim of foul, objection, and/or inquiry shall be immediately announced to the public.

23. Official Order Of Finish. When satisfied that the order of finish is correct, that all jockeys unless excused have been properly weighed in, and that the race has been properly run in accordance with the rules of the Commission, the Stewards shall declare that the order of finish is official; and it shall be announced to the public, confirmed, and the official order of finish posted for the race.

24. Time Trial Qualifiers. When two or more time trial contestants have the same qualifying time, to a degree of .01 of a second, or more exact measurement if photo finish equipment permits, for fewer positions in the finals or consolation necessary for all contestants, then a draw by lot will be conducted in accordance with Subsection R52-7-7(17). However, no contestant may draw into a finals or consolation instead of a contestant which out finished such contestant. When scheduled races are trial heats for futurities or stakes races electronically timed from the starting gates, no organization licensee shall move the starting gates or allow the starting gates to be moved until all trial heats are complete, except in an emergency as determined by the stewards.

R52-7-10. Objections and Protests; Hearing and Appeals.

1. Stewards To Make Inquiry Or Investigation. The stewards shall make diligent inquiry or investigation into any complaint, objection or protest made either upon their own motion, by any Racing Official, or by any other person empowered by this Article to make such complaint, protest or objection.

2. Objections. Objections to the participation of a horse entered an any race shall be made to the stewards in writing and signed by the objector. Except for claim of foul or interference, an objection to a horse entered in a race shall be made not later than two hours prior to the scheduled post time for the first race on the day which the questioned horse is entered. Any such objection shall set forth the specific reason or grounds for the objection in such detail so as to establish probable cause for the objection. The stewards upon their own motion may consider an objection until such time as the horse becomes a starter. An objection concerning claim of foul in a race may be lodged verbally to the stewards before the race results are declared official.

3. Grounds For Objections. An objection to a horse which is entered in a race shall be made on the following grounds or reasons:

A. A misstatement, error or omission in the entry under which a horse is to run.

B. That the horse which is entered to run is not the horse it is represented to be at the time of entry, or that the age is erroneously given.

C. That the horse is not qualified to enter under the conditions specified for the race, or that the allowances are improperly claimed or not entitled the horse, or that the weight to be carried is incorrect under the conditions of the race.

D. That the horse is owned in whole or in part, or leased by a person ineligible to participate in racing or otherwise ineligible to run a race as provided in these Rules.

E. That reasonable grounds exist whereby a horse was interfered with or impeded or otherwise hindered by another horse or jockey during the running of a race.

4. Horse Subject To Objection. The stewards may scratch from the race any horse which is the subject of an objection if they have reasonable cause to believe that the objection is valid.

5. Protests. A protest against any horse which has started in a race shall be made to the stewards in writing, signed by the protestor, within 48 hours of the race, except as noted in Subsection R52-7-10(8). Any such protest shall set forth the specific reason or reasons for the protest in such detail as to establish probable cause for protest. The stewards upon their own motion may consider a protest at any time.

6. Grounds For Protest. A protest may be made upon the following grounds:

A. Any ground for objection set forth in R52-1-10(3).

B. That the order of finish as officially determined by the stewards was incorrect due to oversight or errors in the numbers designated to the horses which started in the race.

C. That a jockey, trainer or owner of a horse which started in the race was ineligible to participate in racing as provided in these rules.

D. That the weight carried by a horse was improper by reason of fraud or willful misconduct.

E. That an unfair advantage was gained in violation of the rules.

7. Persons Empowered To File Objection Or Protest. A jockey, trainer, owner or authorized agent of the horse which is entered or is a starter in a race is empowered to file an objection or protest against any other horse in such race upon the grounds set forth in this Article for objections and protests.

8. No Limitation On Time To File When Fraud Alleged. Notwithstanding any other provision in this Article, the time limitation on the filing of protests shall not apply in any case in which fraud or willful misconduct is alleged, provided that the stewards are satisfied that the allegations are bona fide and susceptible to verification.

9. Frivolous Or Inaccurate Objection Or Protest. No person shall knowingly file a frivolous, inaccurate, false, or untruthful objection or protest; nor shall any person present his objection or protest to the stewards in a disrespectful or undignified manner.

10. Horse To Be Disqualified On Valid Protest. If a protest against a horse which has run in a race is declared valid, that horse may be disqualified. A horse so disqualified which was a starter in the said race, may be placed last in the order of finish or may be unplaced. The stewards or the Commission may order any purse, award or prize for any race withheld from distribution pending the determination of the protest(s). In the event any purse, award or prize has been distributed to a person on behalf of a horse which by protest or other reason is disqualified or determined not to be entitled to such purse, award or prize, the stewards or the Commission may order such purse, award or prize returned and redistributed to the rightful person. Any person who fails to comply with an order to return any purse, award or prize previously distributed shall be suspended until its return.

11. Notification Of And Representation At Hearing. Adequate notice of hearing shall be given to every summoned person in accordance with the procedures set forth in Subsection R52-7-3(6). Every person alleged to have committed a rule violation or who is called to testify before the stewards is entitled at the persons expense to have counsel present evidence and witnesses on his behalf and to cross-examine other witnesses at the hearing.

12. Testimony And Evidence At Hearing. Every person called to a hearing before the stewards for a rule violation shall be allowed to present testimony, produce witnesses, cross-examine witnesses, and present documentary evidence in accordance with the rules of privilege recognized by law.

13. Duty Of Disclosure. It is the duty and obligation of every licensee to make full disclosure at a hearing before the Commission or before the stewards of any knowledge he or she possesses of a violation of any racing law or of the rules of the Commission. No person may refuse to testify at any hearing on any relevant matter except in the proper exercise of a legal privilege, nor shall any person testify falsely.

14. Failure To Appear. Any licensee or summoned person who fails to appear before the stewards or the Commission after they have been ordered personally or in writing to do so, may be suspended pending appearance before the stewards or the Commission. Nonappearance of a summoned person after adequate notice may be construed as a waiver of right to be present at a hearing.

15. Record Of Hearing. All hearings before the stewards or Commission shall be recorded. That portion at a hearing constituting deliberations in executive session need not be recorded. A written transcript or a copy of the tape recording shall be made available to any person alleged to have committed a violation of the Act or the rules upon written request and payment of appropriate reimbursement cost(s) for transcription or reproduction.

16. Vote On Steward's Decision. A majority vote shall decide any question to which the authority of the stewards extends. If a vote is not unanimous, the dissent steward shall provide a written record to the Commission of the reasons for such dissent within 72 hours of the vote.

17. Rulings By The Stewards. Any ruling or order issued by the stewards shall specify the full name of the licensee or person subject to the ruling or order; most recent address on file with the Commission; date of birth; social security number; statement of the offense charged including any rule number; date of ruling; fine and/or suspension imposed or other action taken; changes in the order of finish and purse distribution in a race, when appropriate; and any other information deemed necessary by the stewards or the Commission. Any member of a Board of Stewards may, after consultation with and by mutual agreement of the other stewards, issue an Order or Notice signed by one steward on behalf of the Board of Stewards. Subsequently, an Order containing all three stewards' signatures shall be made part of the official record.

18. Summary Suspension Of Occupation Licensee. If the stewards or the Commission find that the public health, safety, or welfare require emergency action and incorporates such finding to that effect in any Order, summary suspension may be ordered pending proceedings for revocation or other action, which proceedings shall be promptly initiated and held as provided in Subsection R52-7-10(19).

19. Duration Of Suspension Or Revocation. Unless execution of an order of suspension or revocation is stayed by the Commission or a court of competent jurisdiction, a person's occupation license, suspended or revoked, shall remain suspended or revoked until the final determination has been made pursuant to the provisions of Section R52-7-5.

20. Grounds For Appeal From Decision Of The Stewards. Any decision of the stewards, except decisions regarding disqualifications for interference during the running of a race, may be appealed to the Commission; and such decision may be overruled if it is found by a preponderance of evidence that:

A. The stewards mistakenly interpreted the law; or

B. The Appellant produces new evidence of a convincing nature which, if found to be true, would require the overruling of the decision; or

C. The best interests of racing and the State may be better served.

21. Appeal From Decision Of The Stewards. The Commission shall review hearings of any case referred to the Commission by the stewards or appealed to the Commission from the decisions of the stewards except as otherwise provided in this Article. Upon every appealable decision of the stewards, the person subject to the decision or Order shall be made aware of his right to an appeal before the Commission and the necessary procedures thereof. Appeals shall be made no later than 72 hours or the third calendar day from the date of the rendering of the decision of the stewards unless the Commission for good cause extends the time for filing not to exceed 30 days from said rendering date. The appeal shall be in writing, signed by the appellant; shall contain his full name, present mailing address, and present phone number; and shall set forth the facts and any new evidence the appellant believes to be grounds for an appeal before the Commission. Action on such a hearing request must commence by the Commission within 30 days of the filing of the appeal. An appeal shall not affect a decision of the stewards until the appeal has been sustained or dismissed or a stay order issued.

22. Appointment Of Hearing Examiners. When directed by the Commission, any qualified person(s) may sit as a hearing examiner(s) for the taking of evidence in any matter pending before the Commission. Any such hearing examiner shall report to the Commission Findings of Fact and Conclusions of Law, and the Commission shall determine the matter as if such evidence had been presented to the full Commission.

23. Hearings On Agreement. Persons aggrieved as of the result of a stewards' ruling in a preliminary or trial race may request a hearing before the executive director of the Commission to review same. If all interested parties waive the right to receive ten day notice of hearing, such a hearing may be heard on a day certain within seven days after the preliminary or trial race in question. All such appeals shall be heard on days set by the executive director of the Commission or anyone acting in his stead.

24. Temporary Stay Order. The Executive Director may, upon consultation with the direction of a minimum of three Commissioners, issue or deny a temporary stay order to stay execution of any ruling, order or decision of the stewards except stewards' decisions regarding disqualifications for interference during the running of a race. Any application for a temporary stay shall be in writing, signed by the appellant; shall contain his full name, present mailing address, and present phone number; shall set forth the facts and any evidence to justify the issuance of the stay; and shall be filed with the Office of the Commission as specified in Subsection R52-7-3(7). The granting of a temporary stay order shall carry no presumption that the stayed decision of the stewards is or may be invalid, and a temporary stay order may be dissolved at any time by further order of the executive director upon consultation with and the direction of a minimum of three Commissioners.

25. Appearance At Hearing Upon Appeal. The Commission shall notify the Appellant and the stewards of the date, time and location of its hearing in the matter upon appeal. The burden shall be on the appellant to provide the facts necessary to sustain the appeal.

26. Complaints Against Officials. Any complaint against a racing official other than a steward shall be made to the stewards in writing and signed by the complainant. All such

complaints shall be reported to the Commission by the stewards, together with a report of the action taken or the recommendation of the stewards. Complaints against any stewards shall be made in writing to the executive director of the Commission and signed by the complainant.

27. Rulings On Admissibility And Evidence. In all hearings, the chairperson, chief steward or such other person as may be designated, shall make rulings on admissibility and introduction of evidence. Such a ruling shall prevail; except when a Commission member or a steward requests a poll of the panel, and the ruling overturned by majority vote.

R52-7-11. General Conduct.

1. Conditions Of Meeting Binding Upon Licensees. The Commission, recognizing the necessity for an organization to comply with the requirements of its license and to fulfill its obligation to the public and the State of Utah with the best possible uninterrupted services in the comparatively short licensed period, herein provides that all organizations, officials, horsemen, owners, trainers, jockeys, grooms, farriers, organization employees, and all licensees who have accepted directly or indirectly, with reasonable advance notice, the conditions defined by these rules under which said organization engages and plans to conduct such race meeting, shall be bound thereby.

2. Trainer Responsibility. The trainer is presumed to know the "Rules of Racing" and is responsible for the condition, soundness, and eligibility of the horses he enters in a race. Should the chemical analysis, urine or otherwise, taken from a horse under his supervision show the presence of any drug or medication of any kind or substance, whether drug or otherwise, regardless of the time it may have been administered, it shall be taken as prima facie evidence that the same was administered by or with the knowledge of the trainer or person or persons under his supervision having care or custody of such horse. At the discretion of the stewards or Commission, the trainer and all other persons shown to have had care or custody of such horse may be fined or suspended or both. Under the provisions of this rule, the trainer is also responsible for any puncture mark on any horse he enters in a race, found by the stewards upon recommendation of the official veterinarian to evidence injection by syringe. If the trainer cannot be present on race day, he shall designate an assistant trainer. Such designation shall be made prior to time of entry, unless otherwise approved by the stewards. Failure to fully disclose the actual trainer of a horse participating in an approved race shall be grounds to disqualify the horse, and subject the actual trainer to possible disciplinary action by the stewards or the Commission. Designation of an assistant trainer shall not relieve the trainer's absolute responsibility for the conditions and eligibility of the horse, but shall place the assistant trainer under such absolute responsibility also. Willful failure on the part of the trainer to be present at, or refusal to allow the taking of any specimen, or any act or threat to prevent or otherwise interfere therewith shall be cause for disqualification of the horse involved; and the matter shall be referred to the stewards for further action.

3. Altering Sex Of Horse. Any alteration to the sex of a horse from the sex as recorded on the Certificate of Foal Registration or other official registration Certificate of such horse shall be immediately reported by the trainer to the racing secretary and the official horse identifier if such horse is registered to race at any race meeting.

4. Official Workouts And Schooling Races. No trainer shall permit a horse in his charge to be taken on to the track for training or a workout except during hours designated by the organization. A trainer desiring to engage a horse in a workout or schooling race shall, prior to such workout or race, identify the horse by registered name and tattoo number when requested to do so by the stewards or their authorized representative.

5. Intoxication. No licensee, employee of the organization or its concessionaires, shall be under the influence of intoxicating liquor, the combined influence of intoxicating liquor and any controlled dangerous substance, or under the influence of any narcotic or other drug while within the enclosure. No person shall in any manner or at any time disturb the peace or make themselves obnoxious on the enclosure of an organization.

6. Firearms. No person shall possess any firearm within the enclosure unless he is a fully qualified peace officer as defined in the laws of the State of Utah, or is acting in accordance with Title 53, Chapter 5, Part 7, Concealed Weapons Act and Title 76, chapter 10, Part 5, Utah Code. A person carrying a concealed weapon may be asked to show a valid, current concealed weapons permit before being allowed to enter the facility.

7. Financial Responsibility. No licensee shall willfully and deliberately fail or refuse to pay any monies when due for any service, supplies or fees connected with his operations as a licensee; nor shall he falsely deny any such amount due or the validity of the complaint thereof with the purpose of hindering or delaying or defrauding the person to whom such indebtedness is due. A commission authorized license may be suspended pending settlement of the financial obligation. Any financial responsibility complaint against a licensee shall be in writing, signed by the complainant, and accompanied by documentation of the services, supplies or fees alleged to be due, or by a judgment from a court.

8. Checks. No licensee shall write, issue, make or present a bad check in payment for any license fee, fine, nomination or entry fee or other fees, or for any service or supplies. The fact that such check is returned to the payee by the bank as refused is a ground for suspension pending satisfactory redemption of the returned check.

9. Gratuity To Starter Or Assistant Starter. No person shall offer or give money or other gratuity to any starter or assistant starter, nor shall any starter or assistant starter receive money or other compensation, gratuity or reward, in connection with the running of any race or races except compensation received from an organization for official duties.

10. Possession Of Contraband. No person other than a veterinarian or an animal technician licensed by the Commission shall have in his possession within the enclosure during sanctioned meetings any prohibited substance, or any hypodermic syringe or hypodermic needle or similar instrument which may be used for injection except as provided in Subsection R52-7-8(1). No person shall have in his or her possession within the enclosure during any recognized meeting any device other than the ordinary whip which can be used for the purpose of stimulating or depressing the horse or affecting its speed at any time. The stewards may permit the possession of drugs or appliances by a licensee for personal medical needs under such conditions as the stewards may impose.

11. Bribes. No person shall give, or offer or promise to give, or attempt to give or offer any money, bribe or thing of value to any owner, trainer, jockey, agent, or any other person participating in the conduct of a race meeting in any capacity, with the intention, understanding or agreement that such owner, trainer, jockey, agent or other person shall not use his best efforts to win a race or so conduct himself in such race that any other participant in such race shall be assisted or enabled to win such race; nor shall any trainer, jockey, owner, agent or other person participating at any race meeting accept, offer to accept, or agree to accept any money, bribe or thing of value with the intention, understanding or agreement that he will not use his best efforts to win a race or to so conduct himself that any other horse or horses entered in such race shall thereby be assisted or enabled to win such race.

12. Trainer's Duty To Ensure Licensed Participation. No

trainer shall have in his custody within the enclosure of any race meeting any horse owned in whole or in part by any person who is not licensed as a horse owner by the Commission unless such owner has filed an application for license as a horse owner with the Commission and the same is pending before the Commission; nor shall any trainer have in his employ within the enclosure any groom, stable employee, stable agent, or other person required to be licensed, unless such person has a valid license. All changes of commissioned licensed personnel shall be reported immediately to the Commission.

13. Conduct Detrimental To Horse Racing. No licensee shall engage in any conduct prohibited by law and by the rules of the Commission, nor shall any licensee engage in any conduct which by its nature is unsportsmanlike or detrimental to the best interest of horse racing.

14. Denial Of Access To Private Property. Nothing contained in these rules shall be deemed, expressly or implicitly, to prevent an organization from exercising the right to deny access to or to remove any person from the organization's premises or property for just cause.

15. Tricks/Schemes. No person shall falsify, conceal, or cover up by trick, scheme, or device a material fact; or make any false, fictitious, or fraudulent statements or representations; or make or use any false writing or document knowing the same to contain any false, fictitious, or fraudulent statement or entry regarding the prior racing record, pedigree, identity, or ownership of a registered animal in any matter related to the breeding, buying selling, or racing of such animal.

16. Prearranging The Outcome Of A Race. No licensed or unlicensed person may attempt or conspire to prearrange the outcome of a race.

R52-7-12. Fire Prevention and Security.

1. Security Control. Every organization conducting a race meeting shall maintain security controls over its premises, and such security controls are subject to the approval of the Commission.

2. Identification Required. No person shall be admitted to a restricted area within the enclosure without a license, visitor's pass, or other identification issued by the Commission or the organization on his person. Whenever deemed advisable, the stewards or the organization may require the visible display of the identification as a badge. No person shall use the license or credential issued to another, nor shall any person give or loan his license or credential to any other person.

3. Organization Credentials. The racing organization shall establish a system or method of issuing credentials or passes to restrict access to its restricted areas or to ensure that all participants at its meeting are licensed as required by this Article; provided, however, that no such system or methods may exclude any investigator or employee of the Commission or any peace officer when on duty; nor shall any person be excluded solely on the basis of sex, color, creed, or national origin or ancestry.

4. Organization To Prevent Unauthorized Access To Restricted Areas. Unless granted exemption by the Commission, every organization shall prevent access to and shall remove or cause to be removed from its restricted areas any person who is unlicensed, or who has not been issued a visitor's pass or other identifying credential, or whose presence in such restricted area is unauthorized. Nothing herein shall be construed to exclude members of the Commission and any staff members of the Commission in the conduct of official duties.

5. Examination Of Personal Effects. The Commission, its authorized officers or agents may enter the stables, rooms, or other places within the premises of a recognized meeting to inspect and examine the personal effects and property of any licensee or other person in or about or permitted access to any restricted area; and each licensee in accepting his license, and each person entering such restricted area does thereby consent thereto.

6. Obedience To Security Officers And Public Safety Officers. No licensee shall willfully ignore or refuse to obey any order issued by the stewards; the Commission; or any security officer of the organization; or any public officer of any police, fire or law enforcement agency when such order is issued or given in the performance of duty for the purpose of controlling any hazardous situation or occurrence. No person shall interfere with public safety officers, security officers or any racing official in the performance of their duties.

R52-7-13. Drugs and Medication Exceptions and Illegal Practices.

1. Horses Tested. The winner of every race and such other horses as the stewards or commission veterinarian may designate shall be escorted by the veterinarian assistant after the race to the testing enclosure for examination by the authorized representative of the Commission and the taking of specimens shall be by the commission veterinarian or his assistant.

2. Trainer Present at Testing. The trainer, or his authorized representative, must be present in the testing enclosure when a urine or other specimen is taken from a horse, the sample tag attached to the specimen shall be signed by the trainer or his representative, as witness of taking of the specimen. Willful failure to be present at or a refusal to allow the taking of the specimen, or any act or threat to impede or prevent or otherwise interfere therewith, shall subject the person or persons doing so to immediate suspension and fine by the stewards and the matter shall be referred to the Commission for such further penalty as may be determined.

3. Specimens Delivered to Laboratory. All specimens taken by or under the direction of the commission veterinarian, or other authorized representative of the Commission, shall be delivered to the laboratory approved by the Commission for official analysis. Each specimen shall be marked by number and date and may also bear such information as may be essential to its proper analysis; but the identity of the horse from the specimen was taken or the identity of its owner, trainer, jockey or stable shall not be revealed to the laboratory. The container of specimen shall be sealed as soon as the specimen is placed therein and shall bear the name of the Commission.

4. Medication. The commission veterinarian, the Commission or any member of the Board of Stewards may take samples of any medicines or other materials suspected of containing improper medication, drugs or chemicals which would affect the racing conditions of a horse in a race and which may be found in stables or elsewhere on race track grounds or in the possession of such tracks or any person connected with racing and the same shall be delivered to the laboratory designated by the Commission.

5. The Only Non-Steroidal Anti-Inflammatory Drug Permitted. Phenylbutazone shall be administered to the horse no later than 24 hours prior to the time the horse is scheduled to race.

6. Phenylbutazone Levels Permitted and Penalty. No urine sample taken from a horse shall exceed 165 micrograms of phenylbutazone or its metabolites per milliliter of urine or shall not exceed 5 micrograms per milliliter of blood plasma. On a first violation period at phenylbutazone concentrations above 5 ug/ml but below 10 ug/ml plasma or serum: a minimum fine of $250.00; at concentrations above 10 ug/ml plasma: a fine of up to $500.00.

On a second violation within a 12 month period at phenylbutazone concentrations above 5 ug/ml but below 10 ug/ml plasma or serum: a minimum fine of $500.00; at concentrations above 10 ug/ml plasma: a fine of up to $1,000.00.

On a third or subsequent violation within a 12-month

period: a fine of $1,000.00, a suspension of 30 days, and loss of purse.

7. Administered under Direction of Commission Licensed Veterinarian. Phenylbutazone must be administered under the direction of a commission licensed veterinarian.

8. List Provided. Horses which are on phenylbutazone shall not be indicated on the daily racing programs or any other publications except that a list of horses on phenylbutazone will be kept by the stewards.

9. Lasix Treatment. Any horse which exhibits symptoms of Epistaxis and/or respiratory tract hemorrhage is eligible for placement on the bleeder list and for treatment on race days with the approved medication to prevent or limit bleeding during racing.

10. Bleeders Listing. To be placed on the bleeders list, a horse must be found to have, during or immediately following a race or workout, shed free blood from one or both nostrils or bled internally in the respiratory tract. A Commission licensed veterinarian, following his or her personal examination of a horse, or after consulting with the horses' private veterinarian, shall be allowed to certify a horse as a bleeder. A universal bleeders certificate is required.

11. License Required. In any and all cases, private veterinarians must be licensed with the Utah Horse Racing Commission as a veterinarian in order to administer Lasix.

12. Horse Removed From Bleeders List. A Commission licensed veterinarian may remove a horse from the bleeders list, provided a request is made in writing and it is the recommendation of the veterinarian of the horse, or after an examination by the veterinarian, it is determined that the horse is not a bleeder or is no longer eligible for the bleeders list.

13. Treatment Procedure. Horses on the bleeders list must be treated at least four hours prior to post time with the bleeder medication furosemide, (i.e. Lasix). No other treatment is permitted for bleeder treatment. Bleeder medication must be administered by a Commission licensed veterinarian, such dosage not to exceed 250 mg. The bleeder medication is administered by the trainers veterinarian, and must be witnessed by the trainer or his designee upon their request. Administration of the bleeder medication must be reported in writing on a form designated by the Commission, to the track management no later than two hours prior to the scheduled post time of the last live race of the program.

14. Lasix Levels Permitted and Penalty. Any horse whose post race blood tests contains a level in excess of 80 nanograms of furosemide per milliliter of plasma will be said to be positive for Lasix overage and in violation of Utah Horse Racing Rules and Regulations. Any horse whose post-race urine creatinine is less than 40 milligrams creatinine per 100 milliliters of urine, and the ratio of urine furosemide to urine creatinine does not exceed 0.15, with urine furosemide being measured in micrograms per milliliter of urine will be said to be positive for Lasix overage and in violation of Utah Horse Racing rules.

A. A finding of a chemist of furosemide (Lasix) exceeding the allowable test levels given above shall be considered prima facia evidence that the medication was administered to the horse and carried in the body of the horse while participating in the race.

B. In these cases, a fine and/or suspension will be levied to such horse trainer under the trainer responsibility rule and the horse will be disqualified from the race.

15. Horses Designated. The horses' trainer or designated agent is responsible to enter horses correctly indicating the prescribed medication for the horse. Horses approved for Lasix medication will be designated on the overnight and the daily program with a Lasix or "L". A list of horses approved for and using Lasix medication will be maintained by the stewards.

16. Bleeder Disqualification. Any horse that bleeds a second time in Utah shall not be able to race for a period of 30 days from the date of the second bleeding offense. Any horse that bleeds for a third time shall be suspended from racing for a period of one year from the date of the third offense. Any horse bleeding for the fourth time will be given a lifetime suspension from racing.

17. Disqualification of Owner or Trainer. A horse owner or trainer found to have committed illegal practices under this chapter or found to have administered any non-approved medication substances in violation of the rules in this chapter, shall be deemed disqualified and denied, or shall promptly return, any portion of the purse or sweepstakes or trophy awarded in the affected race, and shall be distributed as in the case of a disqualification. If the affected race is a qualifying race for a subsequent race and if a horse shall be so disqualified, the eligibility of the other horses which ran in the affected race, and which have started in the subsequent race before announcement of such disqualification shall not in any way be affected.

18. Hypodermic Instruments Prohibited. Except by specific written permission of the presiding steward, no person within the grounds of the racing association where the horses are lodged or kept shall have possession of, upon the premises which he occupies or has the right to occupy or in any of his personal property or effects, any hypodermic instrument, hypodermic syringes or hypodermic needle which may be used for injection into any horse of any medication prohibited by this rule. Every racing association is required to use all reasonable efforts to prevent the violation of this rule.

19. Search Provisions. Every racing association, the Commission or the stewards shall have the right to enter, search and inspect the buildings, stables, rooms and other places where horses which are eligible to race are kept, or where property and effects of the licensee are kept within the grounds of the association. Any licensee accepting a license shall be deemed to have consented to such search and to the seizure of any non-approved or prohibited materials, chemicals, drugs or devices and anything apparently intended to be used in connection therewith.

20. Daily Medication Reports. All practicing veterinarians must submit daily to the commission veterinarian a medication report form furnished by the Commission containing the following:

A. Name, age, sex and breed of the horse.

B. The permitted drug used (Bute or Lasix).

C. The time administered.

D. The route of the administration.

E. The report must be dated and signed by the veterinarian so administering the medication. Any such report is confidential and its contents shall not be disclosed except in a proceeding before the stewards or the Commission or in the exercise of the Commission's jurisdiction.

21. Prima Facia Evidence. If the stewards find that any non-approved medication, for which the purpose of definition shall include any drug, chemical, narcotic, anesthetic, or analgesic has been administered to a horse in such a manner that it is present in a pre-race or post-race test sample, such presence shall constitute prima facia evidence that the horse has been illegally medicated.

22. Trainer Responsibility. Under all circumstances, the horse of record trainer shall be responsible for the horse he trains.

KEY: horses
April 21, 2009 **4-38-4**
Notice of Continuation August 29, 2006

R81. Alcoholic Beverage Control, Administration.
R81-1. Scope, Definitions, and General Provisions.
R81-1-1. Scope and Effective Date.

These rules are adopted pursuant to Section 32A-1-107(1), and shall be interpreted so as to be consistent with the Alcoholic Beverage Control Act. These rules shall govern the department and all licensees and permittees of the commission.

R81-1-2. Definitions.

Definitions of terms in the Act are used in these rules, except where the context of the terms in these rules clearly indicates a different meaning.

(1) "ACT" means the Alcoholic Beverage Control Act, Title 32A.

(2) "BAR" means a service structure maintained on a licensed premises to furnish glasses, ice and setups and to mix and serve liquor and to serve beer.

(3) "COMMISSION" means the Utah Alcoholic Beverage Control Commission.

(4) "COUNTER" means a level surface on which patrons consume food.

(5) "DECISION OFFICER" means a person who has been appointed by the commission or the director of the Department of Alcoholic Beverage Control to preside over the prehearing phase of all disciplinary actions, and, in all cases not requiring an evidentiary hearing.

(6) "DEPARTMENT" or "DABC" means the Utah Department of Alcoholic Beverage Control.

(7) "DIRECTOR" means the director of the Department of Alcoholic Beverage Control.

(8) "DISCIPLINARY ACTION" means the process by which violations of the Act and these rules are charged and adjudicated, and by which administrative penalties are imposed.

(9) "DISPENSING SYSTEM" means a dispensing system or device which dispenses liquor in controlled quantities not exceeding 1.5 ounces and has a meter which counts the number of pours served.

(10) "GUEST ROOM" means a space normally utilized by a natural person for occupancy, usually a traveler who lodges at an inn.

(11) "HEARING OFFICER" or "PRESIDING OFFICER" means a person who has been appointed by the commission or the director to preside over evidentiary hearings in disciplinary actions, and who is authorized to issue written findings of fact, conclusions of law, and recommendations to the commission for final action.

(12) "LETTER OF ADMONISHMENT" is a written warning issued by a decision officer to a respondent who is alleged to have violated the Act or these rules.

(13) "MANAGER" means a person chosen or appointed to manage, direct, or administer the affairs of another person, corporation, or company.

(14) "MEMBER" means an individual who regularly pays dues to a private club. Member does not include any corporation or other business enterprise or association, or any other group or association.

(15) "POINT OF SALE" means that portion of a package agency, restaurant, limited restaurant, airport lounge, on-premise banquet premises, private club, on-premise beer retailer, single event permitted area, temporary special event beer permitted area, or public service special use permitted area that has been designated by the department as an alcoholic beverage selling area. It also means that portion of an establishment that sells beer for off-premise consumption where the beer is displayed or offered for sale.

(16) "REASONABLE" means ordinary and usual thinking, speaking, or acting, which is fit and appropriate to the end in view.

(17) "RESPONDENT" means a department licensee, or permittee, or employee or agent of a licensee or permittee, or other entity against whom a letter of admonishment or notice of agency action is directed.

(18) "STAFF" or "authorized staff member" means a person duly authorized by the director of the department to perform a particular act.

(19) "UTAH ALCOHOLIC BEVERAGE CONTROL LAWS" means any Utah statutes, commission rules and municipal and county ordinances relating to the manufacture, possession, transportation, distribution, sale, supply, wholesale, warehousing, and furnishing of alcoholic beverages.

(20) "VIOLATION REPORT" means a written report from any law enforcement agency or authorized department staff member alleging a violation of the Utah Alcoholic Beverage Control Act or rules of the commission by a department licensee, or permittee, or employee or agent of a licensee or permittee or other entity.

(21) "WARNING SIGN" means a sign no smaller than six inches high by twelve inches wide, with print no smaller than one half inch bold letters and clearly readable, stating: "Warning: Driving under the influence of alcohol or drugs is a serious crime that is prosecuted aggressively in Utah."

R81-1-3. General Policies.

(1) Official State Label.

Pursuant to Section 32A-1-109(6)(m), the department shall affix an official state label to every container of liquor that is at least 187 ml sold in the state, and to every box containing containers of liquor under 187 ml in size. Removal of the label is prohibited.

(2) Labeling.

No licensee or permittee shall sell or deliver any alcoholic beverage in containers not marked, branded or labeled in conformity with regulations enacted by the agencies of the United States government pertaining to labeling and advertising.

(3) Manner of Paying Fees.

Payment of all fees for licenses or permits, or renewals thereof, shall be made in legal tender of the United States of America, certified check, bank draft, cashier's check, United States post office money order, or personal check.

(4) Copy of Commission Rules.

Copies of the commission rules shall be available at the department's office, 1625 South 900 West, P. O. Box 30408, Salt Lake City, Utah 84130-0408 for an administrative cost of $20 per copy, or on the department's website at http://www.abc.utah.gov.

(5) Interest Assessment on Delinquent Accounts.

The department may assess the legal rate of interest provided in Sections 15-1-1 through -4 for any debt or obligation owed to the department by a licensee, permittee, package agent, or any other person.

(6) Returned Checks.

(a) The department will assess a $20 charge for any check payable to the department returned for the following reasons:

(i) insufficient funds;

(ii) refer to maker; or

(iii) account closed.

(b) Receipt of a check payable to the department which is returned by the bank for any of the reasons listed in Subsection (6)(a) may result in the immediate suspension of the license, permit, or operation of the package agency of the person tendering the check until legal tender of the United States of America, certified check, bank draft, cashier's check, or United States post office money order is received at the department offices, 1625 South 900 West, Salt Lake City, Utah, plus the $20 returned check charge. Failure to make good the returned check and pay the $20 returned check charge within thirty days after the license, permit, or operation of the package agency is suspended, is grounds for revocation of the license or permit, or

termination of the package agency contract, and the forfeiture of the licensee's, permittee's, or package agent's bond.

(c) In addition to the remedies listed in Subsection (6)(b), the department shall require that the licensee, permittee, or package agent transact business with the department on a "cash only" basis under the following guidelines:

(i) Except as provided in Subsection (6)(c)(ii):

(A) two or more returned checks received by the department from or on behalf of a licensee, permittee, or package agent within three consecutive months shall require that the licensee, permittee, or package agent be on "cash only" status for a period of three to six consecutive months from the date the department received notice of the second returned check;

(B) one returned check received by the department from or on behalf of a licensee, permittee, or package agent within six consecutive months after the licensee, permittee, or package agent has come off "cash only" status shall require that the licensee, permittee, or package agent be returned to "cash only" status for an additional period of six to 12 consecutive months from the date the department received notice of the returned check;

(C) one returned check received by the department from or on behalf of a licensee, permittee, or package agent at any time after the licensee, permittee, or package agent has come off "cash only" status for a second time shall require that the licensee, permittee, or package agent be on "cash only" for an additional period of 12 to 24 consecutive months from the date the department received notice of the returned check;

(D) a returned check received by the department from or on behalf of an applicant for a license, permit, or package agency for either an application or initial license or permit fee shall require that the applicant be on "cash only" status for a period of three consecutive months from the date the department received notice of the returned check;

(E) a returned check received by the department from or on behalf of a licensee or permittee for a license or permit renewal fee shall require that the licensee or permittee be on "cash only" status for a period of three consecutive months from the date the department received notice of the returned check;

(ii) a returned check received by the department from or on behalf of an applicant for or holder of a single event permit or temporary special event beer permit shall require that the person or entity that applied for or held the permit be on "cash only" status for any future events requiring permits from the commission that are conducted within a period of up to18 consecutive months from the date the department received notice of the returned check;

(iii) in instances where the department has discretion with respect to the length of time a licensee, permittee, or package agent is on "cash only" status, the department may take into account:

(A) the dollar amount of the returned check(s);

(B) the length of time required to collect the amount owed the department;

(C) the number of returned checks received by the department during the period in question; and

(D) the amount of the licensee, permittee, or package agency bond on file with the department in relation to the dollar amount of the returned check(s).

(iv) for purposes of this Subsection (6)(c), a licensee, permittee, or package agent that is on "cash only" status may make payments to the department in cash, with a cashier's check, or with a current debit card with an authorized pin number; and

(v) the department may immediately remove a licensee, permittee, or package agent from "cash only" status if it is determined that the cause of the returned check was due to bank error, and was not the fault of the person tendering the check.

(d) In addition to the remedies listed in Subsections (6)(a), (b) and (c), the department may pursue any legal remedies to effect collection of any returned check.

(7) Disposition of unsaleable merchandise.

The department, after determining that certain alcoholic products are distressed or unsaleable, but consumable, may make those alcoholic products available to the Utah Department of Public Safety for education or training purposes.

All merchandise made available to the Utah Department of Public Safety must be accounted for as directed by the Department of Alcoholic Beverage Control.

R81-1-4. Employees.

The department is an Equal Opportunity Employer.

R81-1-5. Notice of Public Hearings and Meetings.

Notice of all department meetings and public hearings, other than disciplinary hearings, shall be done in the following manner:

(1) The public notice shall specify the date, time, agenda, and location of each hearing or meeting.

(2) In the case of public meetings, notice shall be made as provided in Section 52-4-202.

(3) In the case of hearings, other than disciplinary hearings, public notice shall be made not less than ten days prior to the hearing.

(4) The procedure for posting public notice and the definition of public meeting for purposes of these rules, shall be the same as provided in Section 52-4-202.

R81-1-6. Violation Schedule.

(1) Authority. This rule is pursuant to Sections 32A-1-107(1)(c)(i), 32A-1-107(1)(e), 32A-1-107(4)(b), 32A-1-119(5), (6) and (7). These provisions authorize the commission to establish criteria and procedures for imposing sanctions against licensees and permittees and their officers, employees and agents who violate statutes and commission rules relating to alcoholic beverages. For purposes of this rule, holders of certificates of approval are also considered licensees. The commission may revoke or suspend the licenses or permits, and may impose a fine against a licensee or permittee in addition to or in lieu of a suspension. The commission also may impose a fine against an officer, employee or agent of a licensee or permittee. Violations are adjudicated under procedures contained in Section 32A-1-119 and disciplinary hearing Section R81-1-7.

(2) General Purpose. This rule establishes a schedule setting forth a range of penalties which may be imposed by the commission for violations of the alcoholic beverage laws. It shall be used by department decision officers in processing violations, and by presiding officers in charging violations, in assisting parties in settlement negotiations, and in recommending penalties for violations. The schedule shall be used by the commission in rendering its final decisions as to appropriate penalties for violations.

(3) Application of Rule.

(a) This rule governs violations committed by all commission licensees and permittees and their officers, employees and agents except single event permittees. Violations by single event permittees and their employees and agents are processed under Section 32A-7-106.

(b) This rule does not apply to situations where a licensee or permittee fails to maintain the minimum qualifications provided by law for holding a license or permit. These might include failure to maintain a bond or insurance, or a conviction for a criminal offense that disqualifies the licensee or permittee from holding the license or permit. These are fundamental licensing and permitting requirements and failure to maintain them may result in immediate suspension or forfeiture of the license or permit. Thus, they are not processed in accordance

with the Administrative Procedures Act, Title 63G, Chapter 4 or Section R81-1-7. They are administered by issuance of an order to show cause requiring the licensee or permittee to provide the commission with proof of qualification to maintain their license or permit.

(c) If a licensee or permittee has not received a letter of admonishment, as defined in Sections R81-1-2 and R81-1-7(2)(b), or been found by the commission to be in violation of Utah statutes or commission rules for a period of 36 consecutive months, its violation record shall be expunged for purposes of determining future penalties sought. The expungement period shall run from the date the last offense was finally adjudicated by the commission.

(d) In addition to the penalty classifications contained in this rule, the commission may:

(i) upon revocation of a license or permit, take action to forfeit the bond of any licensee or permittee;

(ii) prohibit an officer, employee or agent of a licensee or permittee from serving, selling, distributing, manufacturing, wholesaling, warehousing, or handling alcoholic beverages in the course of employment with any commission licensee or permittee for a period determined by the commission;

(iii) order the removal of a manufacturer's, supplier's or importer's products from the department's sales list and a suspension of the department's purchase of those products for a period determined by the commission if the manufacturer, supplier, or importer directly committed the violation, or solicited, requested, commanded encouraged, or intentionally aided another to engage in the violation.

(iv) require a licensee to have a written responsible alcohol service plan as provided in R81-1-24.

(e) When the commission imposes a fine or administrative costs, it shall establish a date on which the payment is due. Failure of a licensee or permittee or its officer, employee or agent to make payment on or before that date shall result in the immediate suspension of the license or permit or the suspension of the employment of the officer, employee or agent to serve, sell, distribute, manufacture, wholesale, warehouse or handle alcoholic beverages with any licensee or permittee until payment is made. Failure of a licensee or permittee to pay a fine or administrative costs within 30 days of the initial date established by the commission shall result in the issuance of an order to show cause why the license or permit should not be revoked and the licensee's or permittee's compliance bond forfeited. The commission shall consider the order to show cause at its next regularly scheduled meeting.

(f) Violations of any local ordinance are handled by each individual local jurisdiction.

(4) Penalty Schedule. The department and commission shall follow these penalty range guidelines:

(a) Minor Violations. Violations of this category are lesser in nature and relate to basic compliance with the laws and rules. If not corrected, they are sufficient cause for action. Penalty range: Verbal warning from law enforcement or department compliance officer(s) to revocation of the license or permit and/or up to a $25,000 fine. A record of any letter of admonishment shall be included in the licensee's or permittee's and the officer's, employee's or agent's violation file at the department to establish a violation history.

(i) First occurrence involving a minor violation: the penalty shall range from a verbal warning from law enforcement or department compliance officer(s), which is documented to a letter of admonishment to the licensee or permittee and the officer, employee or agent involved. Law enforcement or department compliance officer(s) shall notify management of the licensee or permittee when verbal warnings are given.

(ii) Second occurrence of the same type of minor violation: a written investigation report from law enforcement or department compliance officer(s) shall be forwarded to the department. The penalty shall range from a $100 to $500 fine for the licensee or permittee, and a letter of admonishment to a $25 fine for the officer, employee or agent.

(iii) Third occurrence of the same type of minor violation: a one to five day suspension of the license or permit and employment of the officer, employee or agent, and/or a $200 to $500 fine for the licensee or permittee and up to a $50 fine for the officer, employee or agent.

(iv) More than three occurrences of the same type of minor violation: a six day suspension to revocation of the license or permit and a six to ten day suspension of the employment of the officer, employee or agent, and/or a $500 to $25,000 fine for the licensee or permittee and up to a $75 fine for the officer, employee or agent.

(v) If more than one violation is charged during the same investigation, the penalty shall be the sum of the days of suspension and/or the monetary penalties for each of the charges in their respective categories. If other minor violations are discovered during the same investigation, a verbal warning shall be given for each violation on a first occurrence. If the same type of violation is reported more than once during the same investigation, the violations shall be charged as a single occurrence.

(b) Moderate Violations. Violations of this category demonstrate a general disregard for the laws or rules. Although the gravity of the acts are not viewed in the same light as in the serious and grave categories, they are still sufficient cause for action. Penalty range: Written investigation report from law enforcement or department compliance officer(s) shall be forwarded to the department on the first occurrence. The penalty shall range from a letter of admonishment to revocation of the license or permit and/or up to a $25,000 fine.

(i) First occurrence involving a moderate violation: a written investigation report from law enforcement or department compliance officer(s) shall be forwarded to the department. The penalty shall range from a letter of admonishment to a $1000 fine for the licensee or permittee, and a letter of admonishment to a $50 fine for the officer, employee or agent.

(ii) Second occurrence of the same type of moderate violation: a three to ten day suspension of the license or permit and a three to ten day suspension of the employment of the officer, employee or agent, and/or a $500 to $1000 fine for the licensee or permittee and up to a $75 fine for the officer, employee or agent.

(iii) Third occurrence of the same type of moderate violation: a ten to 20 day suspension of the license or permit and a ten to 20 day suspension of the employment of the officer, employee or agent, and/or a $1000 to $2000 fine for the licensee or permittee and up to a $100 fine for the officer, employee or agent.

(iv) More than three occurrences of the same type of moderate violation: a 15 day suspension to revocation of the license or permit and a 15 to 30 day suspension of the employment of the officer, employee or agent, and/or a $2000 to $25,000 fine for the licensee or permittee and up to a $150 fine for the officer, employee or agent.

(v) If more than one violation is charged during the same investigation, the penalty shall be the sum of the days of suspension and/or the sum of the monetary penalties for each of the charges in their respective categories.

(vi) If the same type of violation is reported more than once during the same investigation, the violations shall be charged as a single occurrence.

(c) Serious Violations. Violations of this category directly or indirectly affect or potentially affect the public safety, health and welfare, or may involve minors. Penalty range: Written investigation report from law enforcement or department compliance officer(s) shall be forwarded to the department on the first occurrence. The penalty shall range from a five day

suspension to revocation of the license or permit and/or up to a $25,000 fine.

(i) First occurrence involving a serious violation: written investigation report from law enforcement or department compliance officer(s) shall be forwarded to the department. The penalty shall range from a five to 30 day suspension of the license or permit and a five to 30 day suspension of the employment of the officer, employee or agent, and/or a $500 to $3000 fine for the licensee or permittee and up to a $100 fine for the officer, employee or agent.

(ii) Second occurrence of the same type of serious violation: a ten to 90 day suspension of the license or permit and a ten to 90 day suspension of the employment of the officer, employee or agent, and/or a $1000 to $9000 fine for the licensee or permittee and up to a $150 fine for the officer, employee or agent.

(iii) More than two occurrences of the same type of serious violation: a 15 day suspension to revocation of the license or permit and a 15 to 120 day suspension of the employment of the officer, employee or agent, and/or a $9000 to $25,000 fine for the licensee or permittee and up to a $500 fine for the officer, employee or agent.

(iv) If more than one violation is charged during the same investigation, the penalty shall be the sum of the days of suspension and/or the sum of the monetary penalties for each of the charges in their respective categories.

(v) If the same type of violation is reported more than once during the same investigation, the violations shall be charged as a single occurrence.

(d) Grave Violations. Violations of this category pose or potentially pose, a grave risk to public safety, health and welfare, or may involve lewd acts prohibited by title 32A, fraud, deceit, willful concealment or misrepresentation of the facts, exclusion of competitors' products, unlawful tied house trade practices, commercial bribery, interfering or refusing to cooperate with authorized officials in the discharge of their duties, unlawful importations, or industry supplying liquor to persons other than the department and military installations. Penalty range: Written investigation report from law enforcement or department compliance officer(s) shall be forwarded to the department on the first occurrence. The penalty shall range from a ten day suspension to revocation of the license or permit and/or up to a $25,000 fine.

(i) First occurrence involving a grave violation: written investigation report from law enforcement or department compliance officer(s) shall be forwarded to the department. The penalty shall range from a ten day suspension to revocation of the license or permit and a 10 to 120 day suspension of the employment of the officer, employee or agent, and/or a $1000 to $25,000 fine to the licensee or permittee and up to a $300 fine for the officer, employee or agent.

(ii) More than one occurrence of the same type of grave violation: a fifteen day suspension to revocation of the license or permit, and a 15 to 180 day suspension of the employment of the officer, employee or agent and/or a $3000 to $25,000 fine for the licensee or permittee and up to a $500 fine for the officer, employee or agent.

(iii) If more than one violation is charged during the same investigation, the penalty shall be the sum of the days of suspension and/or the sum of the monetary penalties for each of the charges in their respective categories.

(iv) If the same type of violation is reported more than once during the same investigation, the violations shall be charged as a single occurrence.

(e) The following table summarizes the penalty ranges contained in this section of the rule for licensees and permittees.

TABLE

Violation Degree and Frequency	Warning Verbal	Warning Written	Fine $ Amount	Suspension No. of Days	Revoke License
Minor					
1st	X	X			
2nd			100 to 500		
3rd			200 to 500	1 to 5	
Over 3			500 to 25,000	6 to	X
Moderate					
1st		X	to 1,000		
2nd			500 to 1,000	3 to 10	
3rd			1,000 to 2,000	10 to 20	
Over 3			2,000 to 25,000	15 to	X
Serious					
1st			500 to 3,000	5 to 30	
2nd			1,000 to 9,000	10 to 90	
Over 2			9,000 to 25,000	15 to	X
Grave					
1st			1,000 to 25,000	10 to	X
Over 1			3,000 to 25,000	15 to	X

(f) The following table summarizes the penalty ranges contained in this section of the rule for officers, employees or agents of licensees and permittees.

TABLE

Violation Degree and Frequency	Warning Verbal	Warning Written	Fine $ Amount	Suspension No. of Days
Minor				
1st	X	X		
2nd		X	to 25	
3rd			to 50	1 to 5
Over 3			to 75	6 to 10
Moderate				
1st		X	to 50	
2nd			to 75	3 to 10
3rd			to 100	10 to 20
Over 3			to 150	15 to 30
Serious				
1st			to 100	5 to 30
2nd			to 150	10 to 90
Over 2			to 500	15 to 120
Grave				
1st			to 300	10 to 120
Over 1			to 500	15 to 180

(5) Aggravating and Mitigating Circumstances. The commission and presiding officers may adjust penalties within penalty ranges based upon aggravating or mitigating circumstances.

(a) Examples of mitigating circumstances are:

(i) no prior violation history;

(ii) good faith effort to prevent a violation;

(iii) existence of written policies governing employee conduct;

(iv) extraordinary cooperation in the violation investigation that shows the licensee or permittee and the officer, employee or agent of the licensee or permittee accepts responsibility; and

(v) there was no evidence that the investigation was based on complaints received or on observed misconduct of others, but was based solely on the investigating authority creating the opportunity for a violation.

(b) Examples of aggravating circumstances are:

(i) prior warnings about compliance problems;

(ii) prior violation history;

(iii) lack of written policies governing employee conduct;

(iv) multiple violations during the course of the investigation;

(v) efforts to conceal a violation;

(vi) intentional nature of the violation;

(vii) the violation involved more than one patron or

employee;

(viii) the violation involved a minor and, if so, the age of the minor; and

(ix) whether the violation resulted in injury or death.

(6) Violation Grid. Any proposed substantive change to the violation grid that would establish or adjust the degree of seriousness of a violation shall require rulemaking in compliance with title 63G-3, the Utah Administrative Rulemaking Act. A violation grid describing each violation of the alcoholic beverage control laws, the statutory and rule reference, and the degree of seriousness of each violation is available for public inspection in the department's administrative office. A copy will be provided upon request at reproduction cost. It is entitled "Alcoholic Beverage Control Commission Violation Grid" (2007 edition) and is incorporated by reference as part of this rule.

R81-1-7. Disciplinary Hearings.

(1) General Provisions.

(a) This rule is promulgated pursuant to Section 32A-1-107(1)(c)(i) and shall govern the procedure for disciplinary actions under the jurisdiction of the commission. Package agencies are expressly excluded from the provisions of this rule, and are governed by the terms of the package agency contract.

(b) Liberal Construction. Provisions of this rule shall be liberally construed to secure just, speedy and economical determination of all issues presented in any disciplinary action.

(c) Emergency Adjudication Proceedings. The department or commission may issue an order on an emergency basis without complying with the Utah Administrative Procedures Act in accordance with the procedures outlined in Section 63G-4-502.

(d) Utah Administrative Procedures Act. Proceedings under this rule shall be in accordance with Title 63G, Chapter 4, Utah Administrative Procedures Act (UAPA), and Sections 32A-1-119 and -120.

(e) Penalties.

(i) This rule shall govern the imposition of any penalty against a commission licensee, permittee, or certificate of approval holder, an officer, employee or agent of a licensee, permittee, or certificate of approval holder, and a manufacturer, supplier or importer whose products are listed in this state.

(ii) Penalties may include a letter of admonishment, imposition of a fine, the suspension or revocation of a commission license, permit, or certificate of approval, the requirement that a licensee have a written responsible alcohol service plan as provided in R81-1-24, the assessment of costs of action, an order prohibiting an officer, employee or agent of a licensee, permittee, or certificate of approval holder, from serving, selling, distributing, manufacturing, wholesaling, warehousing, or handling alcoholic beverages in the course of employment with any commission licensee, permittee, or certificate of approval holder for a period determined by the commission, the forfeiture of bonds, an order removing a manufacturer's, supplier's or importer's products from the department's sales list and a suspension of the department's purchase of those products for a period determined by the commission, and an order removing the products of a certificate of approval holder from the state approved sales list, and a suspension of the purchase of the products in the state.

(iii) Department administrative costs are the hourly pay rate plus benefits of each department employee involved in processing and conducting the adjudicative proceedings on the violation, an hourly charge for department overhead costs, the amount billed the department by an independent contractor for services rendered in conjunction with an adjudicative proceeding, and any additional extraordinary or incidental costs incurred by the department. The commission may also assess additional costs if a respondent fails to appear before the commission at the final stage of the adjudicative process. Department overhead costs are calculated by taking the previous year's total department expenditures less staff payroll charges expended on violations, dividing it by the previous year's total staff hours spent on violations, and multiplying this by a rate derived by taking the previous year's total staff payroll spent on violations to the previous year's total payroll of all office employees. The overhead cost figure shall be recalculated at the beginning of each fiscal year.

(f) Perjured Statements. Any person who makes any false or perjured statement in the course of a disciplinary action is subject to criminal prosecution under Section 32A-12-304.

(g) Service. Service of any document shall be satisfied by service personally or by certified mail upon any respondent, or upon any officer or manager of a corporate or limited liability company respondent, or upon an attorney for a respondent, or by service personally or by certified mail to the last known address of the respondent or any of the following:

(i) Service personally or by certified mail upon any employee working in the respondent's premises; or

(ii) Posting of the document or a notice of certified mail upon a respondent's premises; or

(iii) Actual notice. Proof of service shall be satisfied by a receipt of service signed by the person served or by a certificate of service signed by the person served, or by certificate of service signed by the server, or by verification of posting on the respondent's premises.

(h) Filing of Pleadings or Documents. Filing by a respondent of any pleading or document shall be satisfied by timely delivery to the department office, 1625 South 900 West, Salt Lake City, or by timely delivery to P. O. Box 30408, Salt Lake City, Utah 84130-0408.

(i) Representation. A respondent who is not a corporation or limited liability company may represent himself in any disciplinary action, or may be represented by an agent duly authorized by the respondent in writing, or by an attorney. A corporate or limited liability company respondent may be represented by a member of the governing board of the corporation or manager of the limited liability company, or by a person duly authorized and appointed by the respondent in writing to represent the governing board of the corporation or manager of the limited liability company, or by an attorney.

(j) Presiding Officers.

(i) The commission or the director may appoint presiding officers to receive evidence in disciplinary proceedings, and to submit to the commission orders containing written findings of fact, conclusions of law, and recommendations for commission action.

(ii) If fairness to the respondent is not compromised, the commission or director may substitute one presiding officer for another during any proceeding.

(iii) A person who acts as a presiding officer at one phase of a proceeding need not continue as presiding officer through all phases of a proceeding.

(iv) Nothing precludes the commission from acting as presiding officer over all or any portion of an adjudication proceeding.

(v) At any time during an adjudicative proceeding the presiding officer may hold a conference with the department and the respondent to:

(A) encourage settlement;

(B) clarify issues;

(C) simplify the evidence;

(D) expedite the proceedings; or

(E) facilitate discovery, if a formal proceeding.

(k) Definitions. The definitions found in Sections 32A-1-105 and Title 63G, Chapter 4 apply to this rule.

(l) Computation of Time. The time within which any act shall be done shall be computed by excluding the first day and

including the last day, unless the last day is a Saturday, Sunday, or state or federal holiday, in which case the next business day shall count as the last day.

(m) Default.

(i) The presiding officer may enter an order of default against a respondent if the respondent in an adjudicative proceeding fails to attend or participate in the proceeding.

(ii) The order shall include a statement of the grounds for default, and shall be mailed to the respondent and the department.

(iii) A defaulted respondent may seek to have the default order set aside according to procedures outlined in the Utah Rules of Civil Procedure.

(iv) After issuing the order of default, the commission or presiding officer shall conduct any further proceedings necessary to complete the adjudicative proceeding without the participation of the respondent in default and shall determine all issues in the adjudicative proceeding, including those affecting the defaulting respondent.

(2) Pre-adjudication Proceedings.

(a) Staff Screening. Upon receipt of a violation report, a decision officer of the department shall review the report, and the alleged violator's violation history, and in accordance with R81-1-6, determine the range of penalties which may be assessed should the alleged violator be found guilty of the alleged violation.

(b) Letters of Admonishment. Because letters of admonishment are not "state agency actions" under Section 63G-4-102(1)(a), no adjudicative proceedings are required in processing them, and they shall be handled in accordance with the following procedures:

(i) If the decision officer of the department determines that the alleged violation does not warrant an administrative fine, or suspension or revocation of the license, permit, or certificate of approval, or action against an officer, employee or agent of a licensee, permittee, or certificate of approval holder, or against a manufacturer, supplier or importer of products listed in this state, a letter of admonishment may be sent to the respondent.

(ii) A letter of admonishment shall set forth in clear and concise terms:

(A) The case number assigned to the action;

(B) The name of the respondent;

(C) The alleged violation, together with sufficient facts to put a respondent on notice of the alleged violations and the name of the agency or staff member making the report;

(D) Notice that a letter of admonishment may be considered as a part of the respondent's violation history in assessing appropriate penalties in future disciplinary actions against the respondent; and

(E) Notice that a rebuttal is permitted under these rules within ten days of service of the letter of admonishment.

(F) Notice that the letter of admonishment is subject to the approval of the commission.

(iii) A copy of the law enforcement agency or department staff report shall accompany the letter of admonishment. The decision officer shall delete from the report any information that might compromise the identity of a confidential informant or undercover agent.

(iv) A respondent may file a written rebuttal with the department within ten days of service of the letter of admonishment. The rebuttal shall be signed by the respondent, or by the respondent's authorized agent or attorney, and shall set forth in clear and concise terms:

(A) The case number assigned to the action;

(B) The name of the respondent;

(C) Any facts in defense or mitigation of the alleged violation, and a brief summary of any attached evidence. The rebuttal may be accompanied by supporting documents, exhibits, or signed statements.

(v) If the decision officer is satisfied, upon receipt of a rebuttal, that the letter of admonishment was not well taken, it may be withdrawn and the letter and rebuttal shall be expunged from the respondent's file. Letters of admonishment so withdrawn shall not be considered as a part of the respondent's violation history. If no rebuttal is received, or if the decision officer determines after receiving a rebuttal that the letter of admonishment is justified, the matter shall be submitted to the commission for final approval. Upon commission approval, the letter of admonishment, together with any written rebuttal, shall be placed in the respondent's department file and may be considered as part of the respondent's violation history in assessing appropriate penalties in future disciplinary actions against the respondent. If the commission rejects the letter of admonishment, it may either direct the decision officer to dismiss the matter, or may direct that an adjudicative proceeding be commenced seeking a more severe penalty.

(vi) At any time prior to the commission's final approval of a letter of admonishment, a respondent may request that the matter be processed under the adjudicative proceeding process.

(c) Commencement of Adjudicative Proceedings.

(i) Alleged violations shall be referred to a presiding officer for commencement of adjudicative proceedings under the following circumstances:

(A) the decision officer determines during screening that the case does not fit the criteria for issuance of a letter of admonishment under section (2)(b)(i);

(B) a respondent has requested that a letter of admonishment be processed under the adjudicative proceeding process; or

(C) the commission has rejected a letter of admonishment and directed that an adjudicative proceeding be commenced seeking a more severe penalty.

(ii) All adjudicative proceedings shall commence as informal proceedings.

(iii) At any time after commencement of informal adjudicative proceedings, but before the commencement of a hearing, if the department determines that it will seek administrative fines exceeding $3000, a suspension of the license, permit or certificate of approval for more than ten days, or a revocation of the license, permit, or certificate of approval for the alleged violation(s), the presiding officer shall convert the matter to a formal adjudicative proceeding.

(iv) At any time before a final order is issued, a presiding officer may convert an informal proceeding to a formal proceeding if conversion is in the public interest and does not unfairly prejudice the rights of any party.

(3) The Informal Process.

(a) Notice of agency action.

(i) Upon referral of a violation report from the decision officer for commencement of informal adjudicative proceedings, the presiding officer shall issue and sign a written "notice of agency action" which shall set forth in clear and concise terms:

(A) The names and mailing addresses of all persons to whom notice is being given by the presiding officer, and the name, title, and mailing address of any attorney or employee who has been designated to appear for the department;

(B) The department's case number;

(C) The name of the adjudicative proceeding, "DABC vs. ";

(D) The date that the notice of agency action was mailed;

(E) A statement that the adjudicative proceeding is to be conducted informally according to the provisions of this rule and Sections 63G-4-202 and -203 unless a presiding officer converts the matter to a formal proceeding pursuant to Sections (2)(c)(iii) or (iv) of this rule, in which event the proceeding will be conducted formally according to the provisions of this rule and Sections 63G-4-204 to -209;

(F) The date, time and place of any prehearing conference

with the presiding officer;

(G) A statement that a respondent may request a hearing for the purpose of determining whether the violation(s) alleged in the notice of agency action occurred, and if so, the penalties that should be imposed;

(H) A statement that a respondent who fails to attend or participate in any hearing may be held in default;

(I) A statement of the legal authority and jurisdiction under which the adjudicative proceeding is to be maintained;

(J) A statement of the purpose of the adjudicative proceeding and questions to be decided including:

(I) the alleged violation, together with sufficient facts to put the respondent on notice of the alleged violation and the name of the agency or department staff member making the violation report;

(II) the penalty sought, which may include assessment of costs under Section 32A-1-119(5)(c) and (d) if the respondent is found guilty of the alleged violation, and forfeiture of any compliance bond on final revocation under Section 32A-1-119(5)(f) if revocation is sought by the department;

(K) Any violation history of the respondent which may be considered in assessing an appropriate penalty should the respondent be found guilty of the alleged violation; and

(L) The name, title, mailing address, and telephone number of the presiding officer.

(ii) A copy of the law enforcement agency or staff report shall accompany the notice of agency action. The presiding officer shall delete from the report any information that might compromise the identity of a confidential informant or undercover agent.

(iii) The notice of agency action and any subsequent pleading in the case shall be retained in the respondent's department file.

(iv) The notice of agency action shall be mailed to each respondent, any attorney representing the department, and, if applicable, any law enforcement agency that referred the alleged violation to the department.

(v) The presiding officer may permit or require pleadings in addition to the notice of agency action. All additional pleadings shall be filed with the presiding officer, with copies sent by mail to each respondent and to the department.

(vi) Amendment to Pleading. The presiding officer may, upon motion of the respondent or department made at or before the hearing, allow any pleading to be amended or corrected. Defects which do not substantially prejudice a respondent or the department shall be disregarded.

(vii) Signing of Pleading. Pleadings shall be signed by the department or respondent, or their authorized attorney or representative, and shall show the signer's address and telephone number. The signature shall be deemed to be a certification by the signer that he has read the pleading and that he has taken reasonable measures to assure its truth.

(b) The Prehearing Conference.

(i) The presiding officer may hold a prehearing conference with the respondent and the department to encourage settlement, clarify issues, simplify the evidence, or expedite the proceedings.

(ii) All or part of any adjudicative proceeding may be stayed at any time by a written settlement agreement signed by the department and respondent or their authorized attorney or representative, and by the presiding officer. The stay shall take effect immediately upon the signing of the settlement agreement, and shall remain in effect until the settlement agreement is approved or rejected by the commission. No further action shall be required with respect to any action or issue so stayed until the commission has acted on the settlement agreement.

(iii) A settlement agreement approved by the commission shall constitute a final resolution of all issues agreed upon in the settlement. No further proceedings shall be required for any issue settled. The approved settlement shall take effect by its own terms and shall be binding upon the respondent and the department. Any breach of a settlement agreement by a respondent may be treated as a separate violation and shall be grounds for further disciplinary action. Additional sanctions stipulated in the settlement agreement may also be imposed.

(iv) If the settlement agreement is rejected by the commission, the action shall proceed in the same posture as if the settlement agreement had not been reached, except that all time limits shall have been stayed for the period between the signing of the agreement and the commission rejection of the settlement agreement.

(v) If the matter cannot be resolved by settlement agreement, the department shall notify the respondent and the presiding officer whether it will seek administrative fines exceeding $3000, a suspension of the license, permit or certificate of approval for more than ten days, or a revocation of the license, permit, or certificate of approval for the alleged violation(s).

(vi) If the department does not seek administrative fines exceeding $3000, a suspension of the license, permit, or certificate of approval for more than ten days, or a revocation of the license, permit, or certificate of approval for the alleged violation(s), any hearing on the matter shall be adjudicated informally.

(vii) If the department does seek administrative fines exceeding $3000, a suspension of the license, permit, or certificate of approval for more than ten days, or a revocation of the license, permit, or certificate of approval for the alleged violation(s), the presiding officer shall convert the matter to a formal adjudicative proceeding, and any hearing on the matter shall be adjudicated formally. The department may waive the formal adjudicative proceeding requirement that the respondent file a written response to the notice of agency action.

(c) The Informal Hearing.

(i) The presiding officer shall notify the respondent and department in writing of the date, time and place of the hearing at least ten days in advance of the hearing. Continuances of scheduled hearings are not favored, but may be granted by the presiding officer for good cause shown. Failure by a respondent to appear at the hearing after notice has been given shall be grounds for default and shall waive both the right to contest the allegations, and the right to the hearing. The presiding officer shall proceed to prepare and serve on respondent an order pursuant to R81-1-7(3)(d).

(ii) All hearings shall be presided over by the presiding officer.

(iii) The respondent named in the notice of agency action and the department shall be permitted to testify, present evidence, and comment on the issues. Formal rules of evidence shall not apply, however, the presiding officer:

(A) may exclude evidence that is irrelevant, immaterial or unduly repetitious;

(B) shall exclude evidence privileged in the courts of Utah;

(C) shall recognize presumptions and inferences recognized by law;

(D) may receive documentary evidence in the form of a copy or excerpt if the copy or excerpt contains all the pertinent portions of the original document;

(E) may take official notice of any facts that could be judicially noticed under the Utah Rules of Evidence, of the record of other proceedings before the commission, and of technical or scientific facts within the commission's specialized knowledge;

(F) may not exclude evidence solely because it is hearsay; and

(G) may use his experience, technical competence, and specialized knowledge to evaluate the evidence.

(iv) All testimony shall be under oath.

(v) Discovery is prohibited.

(vi) Subpoenas and orders to secure the attendance of witnesses or the production of evidence shall be issued by the presiding officer when requested by a respondent or the department, or may be issued by the presiding officer on his own motion.

(vii) A respondent shall have access to information contained in the department's files and to material gathered in the investigation of respondent to the extent permitted by law.

(viii) Intervention is prohibited.

(ix) The hearing shall be open to the public, provided that the presiding officer may order the hearing closed upon a written finding that the public interest in an open meeting is clearly outweighed by factors enumerated in the closure order. The presiding officer may take appropriate measures necessary to preserve the integrity of the hearing.

(x) Record of Hearing. The presiding officer shall cause an official record of the hearing to be made, at the department's expense, as follows:

(A) The record of the proceedings may be made by means of an audio or video recorder or other recording device at the department's expense.

(B) The record may also be made by means of a certified shorthand reporter employed by the department or by a party desiring to employ a certified shorthand reporter at its own cost in the event that the department chooses not to employ a reporter. If a party employs a certified shorthand reporter, the original transcript of the hearing shall be filed with the department. Those desiring a copy of the certified shorthand reporter's transcript may purchase it from the reporter.

(C) Any respondent, at his own expense, may have a person approved by the department, prepare a transcript of the hearing, subject to any restrictions that the department is permitted by statute to impose to protect confidential information disclosed at the hearing. Whenever a transcript or audio or video recording of a hearing is made, it will be available at the department for use by the parties, but the original transcript or recording may not be withdrawn.

(D) The department shall retain the record of the evidentiary hearing for a minimum of one year from the date of the hearing, or until the completion of any court proceeding on the matter.

(xi) The presiding officer may grant continuances or recesses as necessary.

(xii) Order of presentation. Unless otherwise directed by the presiding officer at the hearing, the order of procedure and presentation of evidence will be as follows: (1) department; (2) respondent; (3) rebuttal by department.

(xiii) Time limits. The presiding officer may set reasonable time limits for the presentations described above.

(xiv) Continuances of the hearing. Any hearing may be continued to a time and date certain announced at the hearing, which shall not require any new notification. The continuance of the hearing may be made upon motion of a respondent or the department indicating good cause why a continuance is necessary. The continuance of the hearing may also be made upon the motion of the presiding officer when in the public interest.

(xv) Oral Argument and Briefs. Upon the conclusion of the taking of evidence, the presiding officer may, in his discretion, permit a respondent and the department to make oral arguments or submit additional briefs or memoranda upon a schedule to be designated by the presiding officer.

(d) Disposition.

(i) Presiding Officer's Order; Objections.

(A) Within a reasonable time after the close of the hearing, the presiding officer shall issue a signed order in writing that includes the following:

(I) the decision;

(II) the reasons for the decision;

(III) findings of facts;

(IV) conclusions of law;

(V) recommendations for final commission action;

(VI) notice that a respondent or the department having objections to the presiding officer's order may file written objections with the presiding officer within ten days of service of the order, setting forth the particulars in which the report is alleged to be unfair, inaccurate, incomplete, unreasonable, unlawful or not supported by the evidence.

(B) The order shall be based on the facts appearing in the department's files and on the facts presented in evidence at the informal hearing. Any finding of fact that was contested may not be based solely on hearsay evidence. The findings of fact shall be based upon a preponderance of the evidence. The order shall not recommend a penalty more severe than that sought in the notice of agency action, and in no event may it recommend administrative fines exceeding $3000, a suspension of the license, permit, or certificate of approval for more than ten days, or a revocation of the license, permit, or certificate of approval.

(C) A copy of the presiding officer's order shall be promptly mailed to the respondent and the department.

(D) The presiding officer shall wait ten days from service of his order for written objections, if any. The presiding officer may then amend or supplement his findings of fact, conclusions of law, and recommendations to reflect those objections which have merit or which are not disputed.

(E) Upon expiration of the time for filing written objections, the order of the presiding officer and any written objections timely filed, shall be submitted to the commission for final consideration.

(ii) Commission Action.

(A) Upon expiration of the time for filing objections, the order shall be placed on the next available agenda of a regular commission meeting for consideration by the commission. Copies of the order, together with any objections filed shall be forwarded to the commission, and the commission shall finally decide the matter on the basis of the order and any objections submitted.

(B) The commission shall be deemed a substitute presiding officer for this final stage of the informal adjudicative proceeding pursuant to Sections 63G-4-103(1)(h)(ii) and (iii). This stage is not considered a "review of an order by an agency or a superior agency" under Sections 63G-4-301 and -302.

(C) No additional evidence shall be presented to the commission. The commission may, in its discretion, permit the respondent and department to present oral presentations.

(D) After the commission has reached a final decision, it shall issue or cause to be issued a signed, written order pursuant to Section 32A-1-119(3)(c) and (6) and, 63G-4-203(1)(i) containing:

(I) the decision;

(II) the reasons for the decision;

(III) findings of fact;

(IV) conclusions of law;

(V) action ordered by the commission and effective date of the action taken;

(VI) notice of the right to seek judicial review of the order within 30 days from the date of its issuance in the district court in accordance with Sections 63G-4-401, -402, -404, and -405 and 32A-1-119 and -120.

(E) The commission may adopt in whole or in part, any portion(s) of the initial presiding officer's order.

(F) The order shall be based on the facts appearing in the department's files and on the facts presented in evidence at the informal hearing.

(G) The order shall not impose a penalty more severe than that sought in the notice of agency action, and in no event may

it impose administrative fines exceeding $3000, a suspension of the license, permit, or certificate of approval for more than ten days, or a revocation of the license, permit, or certificate of approval.

(H) The commission, after it has rendered its final decision and order, may direct the department director to prepare, issue, and cause to be served on the parties the final written order on behalf of the commission.

(I) A copy of the commission's order shall be promptly mailed to the parties.

(e) Judicial Review.

(i) Any petition for judicial review of the commission's final order must be filed within 30 days from the date the order is issued.

(ii) Appeals from informal adjudicative proceedings shall be to the district court in accordance with Sections 63G-4-402, -404, and -405, and 32A-1-119 and -120.

(4) The Formal Process.

(a) Conversion Procedures. If a presiding officer converts an informal adjudicative proceeding to a formal adjudicative proceeding pursuant to sections (2)(c)(iii) or (iv):

(i) the presiding officer shall notify the parties that the adjudicative proceeding is to be conducted formally according to the provisions of this rule and Sections 63G-4-204 to -209;

(ii) the case shall proceed without requiring the issuance of a new or amended notice of agency action;

(iii) the respondent shall be required to file a written response to the original notice of agency action within 30 days of the notice of the conversion of the adjudicative proceeding to a formal proceeding, unless this requirement is waived by the department. Extensions of time to file a response are not favored, but may be granted by the presiding officer for good cause shown. Failure to file a timely response shall waive the respondent's right to contest the matters stated in the notice of agency action, and the presiding officer may enter an order of default and proceed to prepare and serve his final order pursuant to R81-1-7(4)(e). The response shall be signed by the respondent, or by an authorized agent or attorney of the respondent, and shall set forth in clear and concise terms:

(A) the case number assigned to the action;

(B) the name of the adjudicative proceeding, "DABC vs. ";

(C) the name of the respondent;

(D) whether the respondent admits, denies, or lacks sufficient knowledge to admit or deny each allegation stated in the notice of agency action, in which event the allegation shall be deemed denied;

(E) any facts in defense or mitigation of the alleged violation or possible penalty;

(F) a brief summary of any attached evidence. Any supporting documents, exhibits, signed statements, transcripts, etc., to be considered as evidence shall accompany the response;

(G) a statement of the relief the respondent seeks;

(H) a statement summarizing the reasons that the relief requested should be granted.

(iv) the presiding officer may permit or require pleadings in addition to the notice of agency action and the response. All additional pleadings shall be filed with the presiding officer, with copies sent by mail to each party.

(v) the presiding officer may, upon motion of the responsible party made at or before the hearing, allow any pleading to be amended or corrected. Defects which do not substantially prejudice any of the parties shall be disregarded;

(vi) Pleadings shall be signed by the party or the party's attorney and shall show the signer's address and telephone number. The signature shall be deemed to be a certification by the signer that he has read the pleading and that he has taken reasonable measures to assure its truth;

(b) Intervention.

(i) Any person not a party may file a signed, written petition to intervene in a formal adjudicative proceeding with the presiding officer. The person who wishes to intervene shall mail a copy of the petition to each party. The petition shall include:

(A) the agency's case number;

(B) a statement of facts demonstrating that the petitioner's legal rights or interests are substantially affected by the formal adjudicative proceedings or that the petitioner qualifies as an intervenor under any provision of law; and

(C) a statement of the relief that the petitioner seeks from the agency;

(ii) Response to Petition. Any party to a proceeding into which intervention is sought may make an oral or written response to the petition for intervention. The response shall state the basis for opposition to intervention and may suggest limitations to be placed upon the intervenor if intervention is granted. The response must be presented or filed at or before the hearing.

(iii) Granting of Petition. The presiding officer shall grant a petition for intervention if the presiding officer determines that:

(A) the petitioner's legal interests may be substantially affected by the formal adjudicative proceeding; and

(B) the interests of justice and the orderly and prompt conduct of the adjudicative proceedings will not be materially impaired by allowing the intervention.

(iv) Order Requirements.

(A) Any order granting or denying a petition to intervene shall be in writing and sent by mail to the petitioner and each party.

(B) An order permitting intervention may impose conditions on the intervenor's participation in the adjudicative proceeding that are necessary for a just, orderly, and prompt conduct of the adjudicative proceeding.

(C) The presiding officer may impose conditions at any time after the intervention.

(D) If it appears during the course of the proceeding that an intervenor has no direct or substantial interest in the proceeding and that the public interest does not require the intervenor's participation, the presiding officer may dismiss the intervenor from the proceeding.

(E) In the interest of expediting a hearing, the presiding officer may limit the extent of participation of an intervenor. Where two or more intervenors have substantially like interests and positions, the presiding officer may at any time during the hearing limit the number of intervenors who will be permitted to testify, cross-examine witnesses or make and argue motions and objections.

(c) Discovery and Subpoenas.

(i) Discovery. Upon the motion of a party and for good cause shown that it is to obtain relevant information necessary to support a claim or defense, the presiding officer may authorize the manner of discovery against another party or person, including the staff, as may be allowed by the Utah Rules of Civil Procedure.

(ii) Subpoenas. Subpoenas and orders to secure the attendance of witnesses or the production of evidence in formal adjudicative proceedings shall be issued by the presiding officer when requested by any party, or may be issued by the presiding officer on his own motion.

(d) The Formal Hearing.

(i) Notice. The presiding officer shall notify the parties in writing of the date, time, and place of the hearing at least ten days in advance of the hearing. The presiding officer's name, title, mailing address, and telephone number shall be provided to the parties. Continuances of scheduled hearings are not favored, but may be granted by the presiding officer for good cause shown. Failure to appear at the hearing after notice has

been given shall be grounds for default and shall waive both the respondent's right to contest the allegations, and the respondent's right to the hearing. The presiding officer shall proceed to prepare and serve on respondent his order pursuant to R81-1-7(4)(e).

(ii) Public Hearing. The hearing shall be open to all parties. It shall also be open to the public, provided that the presiding officer may order the hearing closed upon a written finding that the public interest in an open hearing is clearly outweighed by factors enumerated in the closure order. The presiding officer may take appropriate measures necessary to preserve the integrity of the hearing.

(iii) Rights of Parties. The presiding officer shall regulate the course of the hearings to obtain full disclosure of relevant facts and to afford all the parties reasonable opportunity to present their positions, present evidence, argue, respond, conduct cross-examinations, and submit rebuttal evidence.

(iv) Public Participation. The presiding officer may give persons not a party to the adjudicative proceeding the opportunity to present oral or written statements at the hearing.

(v) Rules of Evidence. Technical rules of evidence shall not apply. Any reliable evidence may be admitted subject to the following guidelines. The presiding officer:

(A) may exclude evidence that is irrelevant, immaterial or unduly repetitious;

(B) shall exclude evidence privileged in the courts of Utah;

(C) shall recognize presumptions and inferences recognized by law;

(D) may receive documentary evidence in the form of a copy or excerpt if the copy or excerpt contains all the pertinent portions of the original document.

(E) may take official notice of any facts that could be judicially noticed under the Utah Rules of Evidence, of the record of other proceedings before the agency, and of technical or scientific facts within the agency's specialized knowledge;

(F) may not exclude evidence solely because it is hearsay; and

(G) may use his experience, technical competence, and specialized knowledge to evaluate the evidence.

(vi) Oath. All testimony presented at the hearing, if offered as evidence to be considered in reaching a decision on the merits, shall be given under oath.

(vii) Order of presentation. Unless otherwise directed by the presiding officer at the hearing, the order of procedure and presentation of evidence will be as follows: (1) agency; (2) respondent; (3) intervenors (if any); (4) rebuttal by agency.

(viii) Time limits. The presiding officer may set reasonable time limits for the presentations described above.

(ix) Continuances of the hearing. Any hearing may be continued to a time and date certain announced at the hearing, which shall not require any new notification. The continuance of the hearing may be made upon motion of a party indicating good cause why a continuance is necessary. The continuance of the hearing may also be made upon the motion of the presiding officer when in the public interest.

(x) Oral Argument and Briefs. Upon the conclusion of the taking of evidence, the presiding officer may, in his discretion, permit the parties to make oral arguments or submit additional briefs or memoranda upon a schedule to be designated by the presiding officer.

(xi) Record of Hearing. The presiding officer shall cause an official record of the hearing to be made, at the agency's expense, as follows:

(A) The record may be made by means of an audio or video recorder or other recording device at the department's expense.

(B) The record may also be made by means of a certified shorthand reporter employed by the department or by a party desiring to employ a certified shorthand reporter at its own cost in the event that the department chooses not to employ a reporter. If a party employs a certified shorthand reporter, the original transcript of the hearing shall be filed with the department. Those desiring a copy of the certified shorthand reporter's transcript may purchase it from the reporter.

(C) Any respondent, at his own expense, may have a person approved by the department prepare a transcript of the hearing, subject to any restrictions that the agency is permitted by statute to impose to protect confidential information disclosed at the hearing. Whenever a transcript or audio or video recording of a hearing is made, it will be available at the department for use by the parties, but the original transcript or recording may not be withdrawn.

(D) The department shall retain the record of the evidentiary hearing for a minimum of one year from the date of the hearing, or until the completion of any court proceeding on the matter.

(xii) Failure to appear. Inexcusable failure of the respondent to appear at a scheduled evidentiary hearing after receiving proper notice constitutes an admission of the charged violation. The validity of any hearing is not affected by the failure of any person to attend or remain in attendance pursuant to Section 32A-1-119(5)(c).

(e) Disposition.

(i) Presiding Officer's Order; Objections.

(A) Within a reasonable time of the close of the hearing, or after the filing of any post-hearing papers permitted by the presiding officer, the presiding officer shall sign and issue a written order that includes the following:

(I) the findings of fact based exclusively on evidence found in the record of the adjudicative proceedings, or facts officially noted. No finding of fact that was contested may be based solely on hearsay evidence. The findings of fact shall be based upon a preponderance of the evidence, except if the respondent fails to respond as per R81-1-7(4)(a)(iii), then the findings of fact shall adopt the allegations in the notice of agency action;

(II) conclusions of law;

(III) the decision;

(IV) the reasons for the decision;

(V) recommendations for final commission action. The order shall not recommend a penalty more severe than that sought in the notice of agency action;

(VI) notice that a respondent or the department having objections to the presiding officer's order may file written objections with the presiding officer within ten days of service of the order setting forth the particulars in which the report is alleged to be unfair, inaccurate, incomplete, unreasonable, unlawful, or not supported by the evidence.

(B) A copy of the presiding officer's order shall be promptly mailed to the parties.

(C) The presiding officer shall wait ten days from service of his order for written objections, if any. The presiding officer may then amend or supplement his findings of fact, conclusions of law, and recommendations to reflect those objections which have merit and which are not disputed.

(D) Upon expiration of the time for filing written objections, the order of the presiding officer and any written objections timely filed, shall be submitted to the commission for final consideration.

(ii) Commission Action.

(A) Upon expiration of the time for filing objections, the order shall be placed on the next available agenda of a regular commission meeting for consideration by the commission. Copies of the order, together with any objections filed by the respondent, shall be forwarded to the commission, and the commission shall finally decide the matter on the basis of the order and any objections submitted.

(B) The commission shall be deemed a substitute presiding

officer for this final stage of the formal adjudicative proceeding pursuant to Sections 63G-4-103(1)(h)(ii) and (iii). This stage is not considered a "review of an order by an agency or a superior agency" under Sections 63G-4-301 and -302.

(C) No additional evidence shall be presented to the commission. The commission may, in its discretion, permit the parties to present oral presentations.

(D) After the commission has reached a final decision, it shall issue or cause to be issued a signed, written order pursuant to Section 32A-1-119(3)(c) and (6) and 63G-4-208(1) that includes:

(I) findings of fact based exclusively on evidence found in the record of the adjudicative proceedings, or facts officially noted. No finding of fact that was contested may be based solely on hearsay evidence. The findings of fact shall be based upon a preponderance of the evidence, except if the respondent fails to respond as per R81-1-7(4)(a)(iii), then the findings of fact shall adopt the allegations in the notice of agency action and the respondent is considered in default;

(II) conclusions of law;

(III) the decision;

(IV) the reasons for the decision;

(V) action ordered by the commission and effective date of the action taken. The order shall not impose a penalty more severe than that sought in the notice of agency action;

(VI) notice of the right to file a written request for reconsideration within ten days of the service of the order;

(VII) notice of the right to seek judicial review of the order within thirty days of the date of its issuance in the court of appeals in accordance with Sections 32A-1-120 and 63G-4-403, -404, -405.

(E) The commission may adopt in whole or in part, any portion(s) of the initial presiding officer's order.

(F) The commission may use its experience, technical competence and specialized knowledge to evaluate the evidence.

(G) The commission, after it has rendered its final decision and order, may direct the department director to prepare, issue, and cause to be served on the parties the final written order on behalf of the commission.

(H) A copy of the commission's order shall be promptly mailed to the parties.

(I) A respondent having objections to the order of the commission may file, within ten days of service of the order, a request for reconsideration with the commission, setting forth the particulars in which the order is unfair, unreasonable, unlawful, or not supported by the evidence. If the request is based upon newly discovered evidence, the petition shall be accompanied by a summary of the new evidence, with a statement of reasons why the respondent could not with reasonable diligence have discovered the evidence prior to the formal hearing, and why the evidence would affect the commission's order.

(J) The filing of a request for reconsideration is not a prerequisite for seeking judicial review of the commission's order.

(K) Within twenty days of the filing of a request for reconsideration, the commission may issue or cause to be issued a written order granting the request or denying the request in whole or in part. If the request is granted, it shall be limited to the matter specified in the order. Upon reconsideration, the commission may confirm its former order or vacate, change or modify the same in any particular, or may remand for further action. The final order shall have the same force and effect as the original order.

(L) If the commission does not issue an order within twenty days after the filing of the request, the request for reconsideration shall be considered denied.

(f) Judicial Review.

(i) Respondent may file a petition for judicial review of the commission's final order within 30 days from the date the order is issued.

(ii) Appeals from formal adjudicative proceedings shall be to the Utah Court of Appeals in accordance with Sections 63G-4-403, -404, and 405, and Section 32A-1-120.

R81-1-8. Consent Calendar Procedures.

(1) Authority. This rule is pursuant to the commission's authority to establish procedures for suspending or revoking permits, licenses, and package agencies under 32A-1-107(1)(b) and (e), and the commission's authority to adjudicate violations of Title 32A.

(2) Purpose. This rule establishes a consent calendar procedure for handling letters of admonishment issued and settlement agreements proposed pursuant to R81-1-7 that meet the following criteria:

(a) Uncontested letters of admonishment where no written objections have been received from the respondent; and

(b) Settlement agreements except those where the respondent is allowed to present further argument to the commission under the terms of the settlement agreement.

(3) Application of the Rule.

(a) A consent calendar may be utilized by the commission at their meetings to expedite the handling of letters of admonishment and settlement agreements that meet the criteria of Section (2).

(b) Consent calendar items shall be briefly summarized by department staff or the assistant attorney general assigned to the department. The summary shall describe the nature of the violations and the penalties sought.

(c)(i) The commission shall be furnished in advance of the meeting a copy of each letter of admonishment and settlement agreement on the consent calendar and any documents essential for the commission to make an informed decision on the matter.

(ii) If the case involves anything unusual or out of the ordinary, it shall be highlighted on the letter of admonishment or settlement agreement and shall be noted by the department staff person or assistant attorney general during the summary of the case.

(iii) Settlement agreements on the consent calendar shall include specific proposed dates for the suspension of any license or permit, and for payment of any fines or administrative costs.

(d) If the case involves a serious or grave violation as defined in R81-1-6, the licensee or permittee, absent good cause, shall be in attendance at the commission meeting. The licensee or permittee shall be present not to make a presentation, but to respond to any questions from the commission. Individual employees of a licensee or permittee are not required to be in attendance at the commission meeting.

(e) Any commissioner may have an item removed from the consent calendar if the commissioner feels that further inquiry is necessary before reaching a final decision. In the event a commissioner elects to remove an item from the consent calendar, and the licensee or permittee is not in attendance, the matter may be rescheduled for the next regular commission meeting. Otherwise, the action recommended by department staff or the assistant attorney general presenting the matter shall be approved by unanimous consent of the commission.

(f) All consent calendar items shall be approved in a single motion at the conclusion of the presentation of the summary.

(g) All fines and administrative costs shall be paid on or before the day of the commission meeting unless otherwise provided by order of the commission.

R81-1-9. Liquor Dispensing Systems.

A licensee may not install or use any system for the automated mixing or dispensing of spirituous liquor unless the dispensing system has been approved by the department.

(1) Minimum requirements. The department will only

approve a dispensing system which:

(a) dispenses spirituous liquor in calibrated quantities not to exceed 1.5 ounces; and

(b) has a meter which counts the number of pours dispensed.

The margin of error of the system for a one ounce pour size cannot exceed 1/16 of an ounce or two milliliters.

(2) Types of systems. Dispensing systems may be of various types including: gun, stationary head, tower, insertable spout, ring activator or similar method.

(3) Method of approval.

(a) Suppliers. Companies which manufacture, distribute, sell, or supply dispensing systems must first have their product approved by the department prior to use by any liquor licensee in the state. They shall complete the "Supplier Application for Dispensing System Approval" form provided by the department, which includes: the name, model number, manufacturer and supplier of the product; the type and method of dispensing, calibrating, and metering; the degree or tolerance of error, and a verification of compliance with federal and state laws, rules, and regulations.

(b) Licensees. Before any dispensing system is put into use by a licensee, the licensee shall complete the "Licensee Application for Dispensing System Approval" form provided by the department. The department shall maintain a list of approved products and shall only authorize installation of a product previously approved by the department as provided in subsection (a). The licensee is thereafter responsible for verifying that the system, when initially installed, meets the specifications which have been supplied to the department by the manufacturer. Once installed, the licensee shall maintain the dispensing system to ensure that it continues to meet the manufacturer's specifications. Failure to maintain the system may be grounds for suspension or revocation of the licensee's liquor license.

(c) Removal from approved list. In the event the system does not meet the specifications as represented by the manufacturer, the licensee shall immediately notify the department. The department shall investigate the situation to determine whether the product should be deleted from the approved list.

(4) Operational restrictions.

(a) The system must be calibrated to pour a quantity of spirituous liquor not to exceed 1.5 ounces.

(b) Voluntary consent is given that representatives of the department, State Bureau of Investigation, or any law enforcement officer shall have access to any system for inspection or testing purposes. A licensee shall furnish to the representatives, upon request, samples of the alcoholic products dispensed through any system for verification and analysis.

(c) Spirituous liquor bottles in use with a dispensing system at the dispensing location must be affixed to the dispensing system by the licensee. Spirituous liquor bottles in use with a remote dispensing system must be in a locked storage area. Any other primary spirituous liquor not in service must remain unopened. There shall be no opened primary spirituous liquor bottles at a dispensing location that are not affixed to an approved dispensing device.

(d) The dispensing system and spirituous liquor bottles attached to the system must be locked or secured in such a place and manner as to preclude the dispensing of spirituous liquor at times when liquor sales are not authorized by law.

(e) All dispensing systems and devices must

(i) avoid an in-series hookup which would permit the contents of liquor bottles to flow from bottle to bottle before reaching the dispensing spigot or nozzle;

(ii) not dispense from or utilize containers other than original liquor bottles; and

(iii) prohibit the intermixing of different kinds of products or brands in the liquor bottles from which they are being dispensed.

(f) Pursuant to federal law, all liquor dispensed through a dispensing system shall be from its original container, and there shall be no re-use or refilling of liquor bottles with any substance whatsoever. The commission adopts federal regulations 27 CFR 31.261-31.262 and 26 USC Section 5301 and incorporates them by reference.

(g) Each licensee shall keep daily records for each dispensing outlet as follows:

(i) a list of brands of liquor dispensed through the dispensing system;

(ii) the number of portions of liquor dispensed through the dispensing system determined by the calculated difference between the beginning and ending meter readings and/or as electronically generated by the recording software of the dispensing system;

(iii) number of portions of liquor sold; and

(iv) a comparison of the number of portions dispensed to the number of portions sold including an explanation of any variances.

(v) These records must be made available for inspection and audit by the department or law enforcement.

(h) This rule does not prohibit the sale of pitchers of mixed drinks as long as the pitcher contains no more than 1.5 ounces of primary spirituous liquor and no more than a total of 2.5 ounces of spirituous liquor per person to which the pitcher is served.

(i) Licensees shall display in a prominent place on the premises a list of the types and brand names of spirituous liquor being served through its dispensing system. This requirement may be satisfied either by printing the list on an alcoholic beverage menu or by wall posting or both.

(j) A licensee or his employee shall not:

(i) sell or serve any brand of spirituous liquor not identical to that ordered by the patron; or

(ii) misrepresent the brand of any spirituous liquor contained in any drink sold or offered for sale.

(k) All dispensing systems and devices must conform to federal, state, and local health and sanitation requirements. Where considered necessary, the department may:

(i) require the alteration or removal of any system,

(ii) require the licensee to clean, disinfect, or otherwise improve the sanitary conditions of any system.

R81-1-11. Multiple-Licensed Facility Storage and Service.

(1) For the purposes of this rule:

(a) "premises" as defined in Section 32A-1-105(42) shall include the location of any licensed restaurant, limited restaurant, club, or on-premise beer retailer facility or facilities operated or managed by the same person or entity that are located within the same building or complex. Multiple licensed facilities shall be termed "qualified premises" as used in this rule.

(b) the terms "sell", "sale", "to sell" as defined in Section 32A-1-105(53) shall not apply to a cost allocation of alcoholic beverages as used in this rule.

(c) "cost allocation" means an apportionment of the as purchased cost of the alcoholic beverage product based on the amount sold in each outlet.

(d) "remote storage alcoholic beverage dispensing system" means a dispensing system where the alcoholic product is stored in a single centralized location, and may have separate dispensing heads at different locations, and is capable of accounting for the amount of alcoholic product dispensed to each location.

(2) Where qualified premises have consumption areas in reasonable proximity to each other, the dispensing of alcoholic beverages may be made from the alcoholic beverage inventory

of an outlet in one licensed location to patrons in either consumption area of the qualified premises subject to the following requirements:

(a) point of sale control systems must be implemented that will record the amounts of each alcoholic beverage product sold in each location;

(b) cost allocation of the alcoholic beverage product cost must be made for each location on at least a monthly or quarterly basis pursuant to the record keeping requirements of Section 32A-4-106, 32A-4-307, 32A-5-107, or 32A-10-206;

(c) dispensing of alcoholic beverages to a licensed location may not be made on prohibited days or at prohibited hours pertinent to that license type;

(d) if separate inventories of liquor are maintained in one dispensing location, the storage area of each licensee's liquor must remain locked during the prohibited hours and days of sale for each license type;

(e) dispensing of alcoholic beverages to a licensed location may not be made in any manner prohibited by the statutory or regulatory operational restrictions of that license type;

(f) alcoholic beverages dispensed under this section may be delivered by servers from one outlet to the various approved consumption areas, or dispensed to each outlet through the use of a remote storage alcoholic beverage dispensing system.

(3) On qualified premises where each licensee maintains an inventory of alcoholic beverage products, the alcoholic beverages owned by each licensee may be stored in a common location in the building subject to the following guidelines:

(a) each licensee shall identify the common storage location when applying for or renewing their license, and shall receive department approval of the location;

(b) each licensee must be able to account for its ownership of the alcoholic beverages stored in the common storage location by keeping records, balanced monthly, of expenditures for alcoholic beverages supported by items such as delivery tickets, invoices, receipted bills, canceled checks, petty cash vouchers; and

(c) the common storage area may be located on the premises of one of the licensed liquor establishments.

R81-1-12. Alcohol Training and Education Seminar.

(1) The alcohol training and education seminar, as described in Section 62A-15-401, shall be completed by every individual of every new and renewing licensee under title 32A who:

(a) is employed to sell or furnish alcoholic beverages to the public within the scope of his employment for consumption on the premises;

(b) is employed to manage or supervise the service of alcoholic beverages; or

(c) holds an ownership interest in an on-premise licensed establishment and performs the duties of a manager, supervisor, or server of alcoholic beverages.

(2) Persons described in subsection 1(a) and (b) must complete the training within 30 days of commencing employment. Persons described in subsection 1(c) must complete the training within 30 days of engaging in the duties described in subsection 1(a) and (b).

(3) Each licensee shall maintain current records on each individual indicating:

(a) date of hire, and

(b) date of completion of training.

(4) The seminar shall include the following subjects in the curriculum and training:

(a) alcohol as a drug and its effect on the body and behavior;

(b) recognizing the problem drinker;

(c) an overview of state alcohol laws;

(d) dealing with problem customers; and

(e) alternate means of transportation to get a customer safely home.

(5) Persons required to complete the seminar shall pay a fee to the seminar provider.

(6) The seminar is administered by the Division of Substance Abuse of the Utah Department of Human Services.

(7) Persons who are not in compliance with subsection (2) may not:

(a) serve or supervise the serving of alcoholic beverages to a customer for consumption on the premises of a licensee; or

(b) engage in any activity that would constitute managing operations at the premises of a licensee.

R81-1-13. Utah Government Records Access and Management Act.

(1) Purpose. To provide procedures for access to government records of the commission and the department.

(2) Authority. The authority for this rule is Sections 63G-2-204 and 63A-12-104 of the Government Records Access and Management Act (GRAMA).

(3) Requests for Access. Requests for access to government records of the commission or the department should be written and made to the executive secretary of the commission or the records officer of the department, as the case may be, at the following address: Department of Alcoholic Beverage Control, 1625 South 900 West, P.O. Box 30408, Salt Lake City, Utah 84130-0408.

(4) Fees. A fee schedule for the direct and indirect costs of duplicating or compiling a record may be obtained from the commission and the department by contacting the appropriate official specified in paragraph (3) above. The department may require payment of past fees and future estimated fees before beginning to process a request if fees are expected to exceed $50 or if the requester has not paid fees from previous requests. Fees for duplication and compilation of a record may be waived under certain circumstances described in Section 63G-2-203(4). Requests for this waiver of fees must be made to the appropriate official specified in paragraph (3) above.

(5) Requests for Access for Research Purposes. Access to private or controlled records for research purposes is allowed by Section 63G-2-202(8). Requests for access to these records for research purposes may be made to the appropriate official specified in paragraph (3) above.

(6) Intellectual Property Rights. Whenever the commission or department determines that it owns an intellectual property right to a portion of its records, it may elect to duplicate and distribute, or control any materials, in accordance with the provisions of Section 63G-2-201(10). Decisions affecting records covered by these rights will be made by the appropriate official specified in paragraph (3) above. Any questions regarding the duplication and distribution of materials should be addressed to that individual.

(7) Requests to Amend a Record. An individual may contest the accuracy or completeness of a document pertaining to him pursuant to Section 63G-2-603. The request should be made to the appropriate official specified in paragraph (3) above.

(8) Time Periods Under GRAMA. The provisions of Rule 6 of the Utah Rules of Civil Procedure shall apply to calculate time periods specified in GRAMA.

R81-1-14. Americans With Disabilities Act Complaint Procedure.

(1) Authority and Purpose. This rule is promulgated pursuant to Section 63G-3-201(3). The commission, pursuant to 28 CFR 35.107, July 1, 1992 Ed., adopts, defines, and publishes within this rule complaint procedures providing for prompt and equitable resolution of complaints filed in accordance with Title II of the Americans With Disabilities Act,

with the commission or the department.

(2) No qualified individual with a disability, by reason of disability, shall be excluded from participation in or be denied the benefits of the services, programs, or activities of the commission, or department, or be subjected to discrimination by the commission or department.

(3) Definitions.

"ADA coordinator" means the commission's and department's coordinator or designee who has responsibility for investigating and providing prompt and equitable resolution of complaints filed by qualified individuals with disabilities.

"ADA State Coordinating Committee" means that committee with representatives designated by the directors of the following agencies: Office of Planning and Budget; Department of Human Resource Management; Division of Risk Management; Division of Facilities Construction Management; and Office of the Attorney General.

"Disability" means with respect to an individual with a disability, a physical or mental impairment that substantially limits one or more of the major life activities of an individual; a record of an impairment; or being regarded as having an impairment.

"Individual with a disability" means a person who has a disability which limits one of his major life activities and who meets the essential eligibility requirement for the receipt of services or the participation in programs or activities provided by the commission or department, or who would otherwise be an eligible applicant for vacant positions with the commission or department, as well as those who are employees of the commission or department.

"Major life activities" means functions such as caring for one's self, performing manual tasks, walking, seeing, hearing, speaking, breathing, learning, and working.

(4) Filing of Complaints.

(a) The complaint shall be filed in a timely manner to assure prompt, effective assessment and consideration of the facts, but no later than 60 days from the date of the alleged act of discrimination.

(b) The complaint shall be filed with the commission's and department's ADA coordinator in writing or in another accessible format suitable to the individual.

(c) Each complaint shall:

(i) include the individual's name and address;

(ii) include the nature and extent of the individual's disability;

(iii) describe the commission's or department's alleged discriminatory action in sufficient detail to inform the commission or department of the nature and date of the alleged violation;

(iv) describe the action and accommodation desire; and

(v) be signed by the individual or by his legal representative.

(d) Complaints filed on behalf of classes or third parties shall describe or identify by name, if possible, the alleged victims of discrimination.

(5) Investigation of Complaint.

(a) The ADA coordinator shall conduct an investigation of each complaint received. The investigation shall be conducted to the extent necessary to assure all relevant facts are determined and documented. This may include gathering all information listed in paragraph (4)(c) of this rule if it is not made available by the individual.

(b) When conducting the investigation, the ADA coordinator may seek assistance from the commission's or department's legal, human resource, and budget staff in determining what action, if any, shall be taken on the complaint. Before making any decision that would involve an expenditure of funds which is not absorbable within the commission's or department's budget and would require appropriation authority; facility modifications; or reclassification or reallocation in grade, the ADA coordinator shall consult with the ADA State Coordinating Committee.

(6) Issuance of Decision.

(a) Within 15 working days after receiving the complaint, the ADA coordinator shall issue a decision outlining in writing or in another acceptable suitable format stating what action, if any, shall be taken on the complaint.

(b) If the coordinator is unable to reach a decision within the 15 working day period, he shall notify the individual with a disability in writing or by another acceptable, suitable format why the decision is being delayed and what additional time is needed to reach a decision.

(7) Appeals.

(a) The individual may appeal the decision of the ADA coordinator by filing an appeal within five working days from the receipt of the decision.

(b) Appeals involving the commission shall be filed in writing with the commission. Appeals involving the department shall be filed in writing with the department's executive director or a designee other than the ADA coordinator.

(c) The filing of an appeal shall be considered as authorization by the individual to allow review of all information, including information classified as private or controlled, by the commission, executive director, or designee.

(d) The appeal shall describe in sufficient detail why the ADA coordinator's decision is in error, is incomplete or ambiguous, is not supported by the evidence, or is otherwise improper.

(e) The commission, executive director, or designee, shall review the factual findings of the investigation and the individual's statement regarding the inappropriateness of the ADA coordinator's decision and arrive at an independent conclusion and recommendation. Additional investigations may be conducted if necessary to clarify questions of fact before arriving at an independent conclusion. Before making any decision that would involve an expenditure of funds which is not absorbable within the commission's or department's budget and would require appropriation authority; facility modifications; or reclassification or reallocation in grade, the commission, executive director, or designee shall also consult with the State ADA Coordinating Committee.

(f) The decision shall be issued within ten working days after receiving the appeal and shall be in writing or in another accessible suitable format to the individual.

(g) If the commission, executive director, or designee is unable to reach a decision within the ten working day period, the individual shall be notified in writing or by another acceptable, suitable format why the decision is being delayed and the additional time needed to reach a decision.

(8) Classification of records. The record of each complaint and appeal, and all written records produced or received as part of the action, shall be classified as protected as defined under Section 63G-2-305 until the ADA coordinator, executive director, or their designees issue the decision, at which time any portions of the record which may pertain to the individual's medical condition shall remain classified as private as defined under Section 63G-2-302, or controlled as defined in Section 63G-2-304. All other information gathered as part of the complaint record shall be classified as private information. Only the written decision of the ADA coordinator, executive director, or designees shall be classified as public information.

(9) Relationship to other laws. This rule does not prohibit or limit the use of remedies available to individuals under the state Anti-Discrimination Complaint Procedures Section 67-19-32; the Federal ADA Complaint Procedures, 28 CFR 35.170, et seq.; or any other Utah or federal law that provides equal or greater protection for the rights of individuals with disabilities.

R81-1-15. Commission Declaratory Orders.

(1) Authority. As required by Section 63G-4-503, and as authorized by Section 32A-1-107, this rule provides the procedures for the submission, review, and disposition of petitions for commission declaratory orders on the applicability of statutes administered by the commission and department, rules promulgated by the commission, and orders issued by the commission.

(2) Petition Procedure.

(a) Any person or government agency directly affected by a statute administered by the commission, a rule promulgated by the commission, or an order issued by the commission may petition for a declaratory order.

(b) The petitioner shall file the petition with the commission's executive secretary.

(3) Petition Form. The petition shall:

(a) be clearly designated as a request for a declaratory order;

(b) identify the statute, rule, or order to be reviewed;

(c) describe the situation or circumstances giving rise to the need for the declaratory order, or in which applicability of the statute, rule, or order is to be reviewed;

(d) describe the reason or need for the applicability review;

(e) identify the person or agency directly affected by the statute, rule, or order;

(f) include an address and telephone number where the petitioner can be reached during regular work days; and

(g) be signed by the petitioner.

(4) Petition Review and Disposition.

(a) The commission shall:

(i) review and consider the petition;

(ii) prepare a declaratory order stating:

(A) the applicability or non-applicability of the statute, rule, or order at issue;

(B) the reasons for the applicability or non-applicability of the statute, rule, or order; and

(C) any requirements imposed on the department, the petitioner, or any person as a result of the declaratory order;

(iii) serve the petitioner with a copy of the order.

(b) The commission may:

(i) interview the petitioner;

(ii) hold an informal adjudicative hearing to gather information prior to making its determination;

(iii) hold a public information-gathering hearing on the petition;

(iv) consult with department staff, the Attorney General's Office, other government agencies, or the public; and

(v) take any other action necessary to provide the petition adequate review and due consideration.

R81-1-16. Disqualification Based Upon Conviction of Crime.

(1) The Alcoholic Beverage Control Act generally disqualifies persons from being employees of the department, operating a package agency, holding a license or permit, or being employed in a managerial or supervisory capacity with a package agency, licensee or permittee if they have been convicted of:

(a) a felony under any federal or state law;

(b) any violation of any federal or state law or local ordinance concerning the sale, manufacture, distribution, warehousing, adulteration, or transportation of alcoholic beverages;

(c) any crime involving moral turpitude; or

(d) driving under the influence of alcohol or drugs on two or more occasions within the last five years.

(2) In the case of a partnership, corporation, or limited liability company the proscription under Subsection (1) applies if any of the following has been convicted of any offense described in Subsection (1):

(a) a partner;

(b) a managing agent;

(c) a manager;

(d) an officer;

(e) a director;

(f) a stockholder who holds at least 20% of the total issued and outstanding stock of the corporation; or

(g) a member who owns at least 20% of the limited liability company.

(3) As used in the Act and these rules:

(a) "convicted" or "conviction" means a determination of guilt by a judge or a jury, upon either a trial or entry of a plea, in any court, including a court not of record, that has not been reversed on appeal;

(b) "felony" means any crime punishable by a term of imprisonment in excess of one year; and

(c) a "crime involving moral turpitude" means a crime that involves actions done knowingly contrary to justice, honesty, or good morals. It is also described as a crime that is "malum in se" as opposed to "malum prohibitum" - actions that are immoral in themselves regardless of being punishable by law as opposed to actions that are wrong only since they are prohibited by statute. A crime of moral turpitude ordinarily involves an element of falsification or fraud or of harm or injury directed to another person or another's property. For purposes of this rule, crimes of moral turpitude may include crimes involving controlled substances, illegal drugs, and narcotics.

R81-1-17. Advertising.

(1) Authority and General Purpose. This rule is pursuant to Section 32A-12-401(4) which authorizes the commission to establish guidelines for the advertising of alcoholic beverages in this state except to the extent prohibited by Title 32A.

(2) Definitions.

(a) For purposes of this rule, "advertisement" or "advertising" includes any written or verbal statement, illustration, or depiction which is calculated to induce alcoholic beverage sales, whether it appears in a newspaper, magazine, trade booklet, menu, wine card, leaflet, circular, mailer, book insert, catalog, promotional material, sales pamphlet, or any written, printed, graphic, or other matter accompanying the container, representations made on cases, billboard, sign, or other public display, public transit card, other periodical literature, publication or in a radio or television broadcast, or in any other media; except that such term shall not include:

(i) labels on products; or

(ii) any editorial or other reading material (i.e., news release) in any periodical or publication or newspaper for the publication of which no money or valuable consideration is paid or promised, directly or indirectly, by any alcoholic beverage industry member or retailer, and which is not written by or at the direction of the industry member or retailer.

(b) For purposes of this rule, "minor" or "minors" shall mean persons under the age of 21 years.

(3) Application.

(a) This rule shall govern the regulation of advertising of alcoholic beverages sold within the state, except where the regulation of interstate electronic media advertising is preempted by federal law. This rule incorporates by reference the Federal Alcohol Administration Act, 27 U.S.C. 205(f), and Subchapter A, Parts 4, 5, 6 and 7 of the regulations of the Bureau of Alcohol, Tobacco and Firearms, United States Department of the Treasury in 27 CFR 4, 5, 6 and 7 (1993 Edition). These provisions shall regulate the labeling and advertising of alcoholic beverages sold within this state, except where federal statutes and regulations are found to be contrary to or inconsistent with the provisions of the statutes and rules of this state.

(b) 27 CFR Section 7.50 provides that federal laws apply

only to the extent that the laws of a state impose similar requirements with respect to advertisements of malt beverages manufactured and sold or otherwise disposed of in the state. This rule, therefore, adopts and incorporates by reference federal laws, previously referenced in subparagraph (a), relating to the advertising of malt beverage products.

(4) Current statutes and rules restricting the advertising, display, or display of price lists of liquor products, as defined in 32A-1-105(29), by the department, state stores, or type 1, 2 or 3 package agencies as defined in R81-3-1, are applicable.

(5) All advertising of liquor and beer by manufacturers, suppliers, importers, local industry representatives, wholesalers, permittees, and licensed retailers of such products, and type 4 and 5 package agencies as defined in R81-3-1 shall comply with the advertising requirements listed in Section (6) of this rule.

(6) Advertising Requirements. Any advertising or advertisement authorized by this rule:

(a) May not violate any federal laws referenced in Subparagraph (3);

(b) May not contain any statement, design, device, or representation that is false or misleading;

(c) May not contain any statement, design, device, or representation that is obscene or indecent;

(d) May not refer to, portray or imply illegal conduct, illegal activity, abusive or violent relationships or situations, or anti-social behavior, except in the context of public service advertisements or announcements to educate and inform people of the dangers, hazards and risks associated with irresponsible drinking or drinking by persons under the age of 21 years;

(e) May not encourage over-consumption or intoxication, promote the intoxicating effects of alcohol consumption, or overtly promote increased consumption of alcoholic products;

(f) May not advertise any unlawful discounting practice such as "happy hour", "two drinks for the price of one", "free alcohol", or "all you can drink for $...".

(g) May not encourage or condone drunk driving;

(h) May not depict the act of drinking;

(i) May not promote or encourage the sale to or use of alcohol by minors;

(j) May not be directed or appeal primarily to minors by:

(i) using any symbol, language, music, gesture, cartoon character, or childhood figure such as Santa Claus that primarily appeals to minors;

(ii) employing any entertainment figure or group that appeals primarily to minors;

(iii) placing advertising in magazines, newspapers, television programs, radio programs, or other media where most of the audience is reasonably expected to be minors, or placing advertising on the comic pages of magazines, newspapers, or other publications;

(iv) placing advertising in any school, college or university magazine, newspaper, program, television program, radio program, or other media, or sponsoring any school, college or university activity;

(v) using models or actors in the advertising that are or reasonably appear to be minors;

(vi) advertising at an event where most of the audience is reasonably expected to be minors; or

(vii) using alcoholic beverage identification, including logos, trademarks, or names on clothing, toys, games or game equipment, or other materials intended for use primarily by minors.

(k) May not portray use of alcohol by a person while that person is engaged in, or is immediately about to engage in, any activity that requires a high degree of alertness or physical coordination;

(l) May not contain claims or representations that individuals can obtain social, professional, educational, athletic, or financial success or status as a result of alcoholic beverage consumption, or claim or represent that individuals can solve social, personal, or physical problems as a result of such consumption;

(m) May not offer alcoholic beverages without charge;

(n) May not require the purchase, sale, or consumption of an alcoholic beverage in order to participate in any promotion, program, or other activity; and

(o) May provide information regarding product availability and price, and factual information regarding product qualities, but may not imply by use of appealing characters or life-enhancing images that consumption of the product will benefit the consumer's health, physical prowess, sexual prowess, athletic ability, social welfare, or capacity to enjoy life's activities.

(7) Violations. Any violation of this rule may result in the imposition of any administrative penalties authorized by 32A-1-119(5), (6) and (7), and may result in the imposition of the criminal penalty of a class B misdemeanor pursuant to 32A-12-104 and -401.

R81-1-19. Emergency Meetings.

(1) Purpose. The commission recognizes that there may be times when, due to the necessity of considering matters of an emergency or urgent nature, the public notice provisions of Utah Code Sections 52-4-6(1), (2) and (3) cannot be met. Pursuant to Utah Code Section 52-4-6(5), under such circumstances those notice requirements need not be followed but rather the "best notice practicable" shall be given.

(2) Authority. This rule is enacted under the authority of Sections 63G-3-201 and 32A-1-107.

(3) Procedure. The following procedure shall govern any emergency meeting:

(a) No emergency meeting shall be held unless an attempt has been made to notify all of the members of the commission of the proposed meeting and a majority of the convened commission votes in the affirmative to hold such an emergency meeting.

(b) Public notice of the emergency meeting shall be provided as soon as practicable and shall include at a minimum the following:

(i) Written posting of the agenda and notice at the offices of the department;

(ii) If members of the commission may appear electronically or telephonically, all such notices shall specify the anchor location for the meeting at which interested persons and members of the public may attend, monitor, and participate in the open portions of the meeting;

(iii) Notice to the commissioners shall advise how they may participate telephonically or electronically and be counted as present for all purposes, including the determination of a quorum.

(iv) Written, electronic or telephonic notice shall be provided to at least one newspaper of general circulation within the state and at least one local media correspondent.

(c) If one or more members of the commission appear electronically or telephonically, the procedures governing electronic meetings shall be followed, except for the notice requirements which shall be governed by these provisions.

(d) In convening the meeting and voting in the affirmative to hold such an emergency meeting, the commission shall affirmatively state and find what unforeseen circumstances have rendered it necessary for the commission to hold an emergency meeting to consider matters of an emergency or urgent nature such that the ordinary public notice of meetings provisions of Utah Code Section 52-4-6 could not be followed.

R81-1-20. Electronic Meetings.

(1) Purpose. Utah Code Section 52-4-207 requires any public body that convenes or conducts an electronic meeting to

establish written procedures for such meetings. This rule establishes procedures for conducting commission meetings by electronic means.

(2) Authority. This rule is enacted under the authority of Sections 52-4-207, 63G-3-201 and 32A-1-107.

(3) Procedure. The following provisions govern any meeting at which one or more commissioners appear telephonically or electronically pursuant to Utah Code Section 52-4-207:

(a) If one or more members of the commission may participate electronically or telephonically, public notices of the meeting shall so indicate. In addition, the notice shall specify the anchor location where the members of the commission not participating electronically or telephonically will be meeting and where interested persons and the public may attend, monitor, and participate in the open portions of the meeting.

(b) Notice of the meeting and the agenda shall be posted at the anchor location. Written or electronic notice shall also be provided to at least one newspaper of general circulation within the state and to a local media correspondent. These notices shall be provided at least 24 hours before the meetings.

(c) Notice of the possibility of an electronic meeting shall be given to the commissioners at least 24 hours before the meeting. In addition, the notice shall describe how a commissioner may participate in the meeting electronically or telephonically.

(d) When notice is given of the possibility of a commissioner appearing electronically or telephonically, any commissioner may do so and shall be counted as present for purposes of a quorum and may fully participate and vote on any matter coming before the commission. At the commencement of the meeting, or at such time as any commissioner initially appears electronically or telephonically, the chair shall identify for the record all those who are appearing telephonically or electronically. Votes by members of the commission who are not at the physical location of the meeting shall be confirmed by the chair.

(e) The anchor location, unless otherwise designated in the notice, shall be at the offices of the Department of Alcoholic Beverage Control, 1625 South 900 West, Salt Lake City, Utah. The anchor location is the physical location from which the electronic meeting originates or from which the participants are connected. In addition, the anchor location shall have space and facilities so that interested persons and the public may attend, monitor, and participate in the open portions of the meeting.

R81-1-21. Beer Advertising in Event Venues.

(1) Authority. This rule is pursuant to the commission's powers and duties as the plenary policymaking body on the subject of alcoholic beverage control under 32A-1-107, and its authority to establish guidelines for the advertising of alcoholic beverages under 32A-12-401(4).

(2) Purpose.

(a) This rule establishes a "safe harbor" from administrative action being taken against beer manufacturers and retailers under the circumstances and conditions below. This rule is necessary to allow certain advertising relations to occur even though they have the appearance of violating the "tied-house" provisions of 32A-12-603, but where the reasons and purposes for the "tied-house" provisions do not apply.

(b) "Tied-house" provisions have been enacted at both the federal and state level in response to historical forces and concerns. The thrust of the laws is to prevent two particular dangers: the ability and potential ability of large firms to dominate local markets through vertical and horizontal integration, and excessive sales of alcoholic beverages produced by overly aggressive marketing techniques. The principle method used to avoid these developments was the establishment of a triple-tiered distribution system and licensing scheme where separate and distinct business enterprises engaged in the production, handling, and final sale of alcoholic beverages. The laws also prohibited certain economic arrangements and agreements between each of the three tiers of the distribution system.

(c) Utah's "tied-house" and trade practice laws prohibit a beer industry member, directly or indirectly or through an affiliate, from inducing any beer retailer to purchase alcoholic beverages from the industry member to the exclusion in whole or in part of any of those products sold or offered for sale by other persons by furnishing the retailer signs, money or other things of value except to the extent allowed under 32A-12-603. The laws prohibit a beer industry member, directly or indirectly or through an affiliate, from paying or crediting a beer retailer for any advertising, display, or distribution service. 32A-12-603(5). This includes the purchase, by an industry member, of advertising on signs, scoreboards, programs, scorecards, and the like at ballparks, racetracks or stadiums, from the retail concessionaire. See 27 C.F.R. Sec. 6.53 as referenced in 32A-12-603(5)(a). The laws also prohibit an industry member from making payments for advertising to a retailer association or a display company where the resulting benefits flow to the individual retailers. 32A-12-603(3)(b)(i)(B).

(d) Throughout the state, there are a number of large facilities which put on or allow events to occur on their premises. This includes sports arenas, ballparks, raceways, fairgrounds, equestrian facilities and the like. These facilities have a recognized area of advertising for sale in connection with the events and which is standard for their events, e.g., fence signage at ballparks. Many of these facilities are or have associated with their on-premise beer retailer, either on an annual basis, or as a temporary event permit holder. The issue is thus raised as to the legality of the advertising of beer products as part of the general advertising where other items are advertised and the facility is or has within it an on-premise beer retailer.

(3) Application of the Rule. If the conditions listed below are met, the reasons and purposes behind the "tied-house" provisions restricting relations between manufacturers and retailers do no apply or are not significantly impacted. In addition, an event facility may be unduly restricted in its ability to sell advertising and be competitive. This is based upon the facility's primary purpose being other than the sale of food and beverages, that advertising is a normal and accepted part of the business of the facility and the events that occur at the facility, that beer advertisers would be on equal footing with other advertisers, and that there is little, if any, likelihood of the purchasing of advertising space or time either having an impact on the beer retailing decisions of the retailer or of allowing the manufacturer to obtain or assert control over the retailer. Therefore, if the following conditions are met, the sale of advertising space or time to a beer manufacturer for display at the facility does not constitute the payment to a retailer for advertising, display or distribution service, and does not otherwise constitute the furnishing of any signs, money, or other things of value to a retailer in violation of the "tied-house" provisions of 32A-12-603:

(a) The primary purpose of the facility is the hosting or putting on events, and not the sale or service of food and beverages, including alcoholic beverages;

(b) The retail licensee operates with a fixed seating capacity of more than 2,000 persons;

(c) The advertising space or time is purchased only in connection with events to be held on the premises, and not as point-of-sale advertising. The advertising space or time is not located near the beer concession area and does not reference the on-premise retailer or the availability of beer;

(d) Sales of event advertising space or time and retail beer sales are handled by different entities or divisions, that are

separate and do not influence each other, and no preference in terms of beer sales or facilities are extended to a beer advertiser;

(e) The retail licensee serves other brands of malt beverages or beer than the brand manufactured or sold by the manufacturer purchasing advertising space or time. Unless demonstrated for sound business reasons unrelated to "tied-house" laws, the percentage of taps in a facility may not exceed by 10% the actual percentage of sales, by brand, in that facility or the community in the previous year;

(f) The advertising space or time is available to all types of advertisers, is not limited to any type of product, such as beer, is pursuant to an established rate card that sets forth the advertising rates equally available to any other industry member or (and at rates substantially similar for any) non-industry advertiser, and the advertising agreement does not provide for an exclusive right to an advertiser or a right to exclude other advertisers;

(g) The industry member may not share in the costs or contribute to the costs of the advertising or promotion of the beer retailer or the facility, or obtain or have any interest in the retailer or the facility; and

(h) The purchase of advertising space or time is by written agreement, a copy of which shall be provided to the department as a confidential business document, non-public, and only to be used for enforcement purposes, and the term of the agreement may not be for a period in excess of three years, including any right of renewal.

(4) This "safe harbor" is limited to its express terms, does not undermine or infringe upon general "tied-house" prohibitions, and shall be strictly construed against its applicability. This "safe harbor" also does not limit or abrogate any exception to "tied-house" prohibitions.

R81-1-22. Diplomatic Embassy Shipments and Purchases.

(1) Purpose. The Vienna Conventions on Diplomatic and Consular Relations grant foreign diplomatic missions certain exemptions from federal, state and local taxes. The United States, by treaty, is a party to the Vienna Conventions, and is obligated under international law to grant these exemptions under these agreements to accredited diplomatic missions of those countries that grant the United States reciprocal privileges. These privileges include the purchase of alcoholic beverages duty and tax free subject to certain exceptions such as indirect taxes normally incorporated in the price of goods or services, and charges levied for specific services rendered to benefit the mission.

This rule establishes department guidelines for shipments and purchases of alcohol by a foreign diplomatic mission with an accredited embassy having full diplomatic privileges under the Vienna Conventions that establishes an embassy presence in the state of Utah (hereafter "accredited foreign diplomatic mission").

(2) Application of Rule.

(a) Shipments. An accredited foreign diplomatic mission that establishes an embassy presence in Utah may have or possess, for official diplomatic use, and not for sale or resale, alcoholic beverages that have not been purchased in the state of Utah. Such products may be shipped or transported into the state of Utah under the following conditions:

(i) The embassy must first obtain the approval of this department prior to shipping or transporting its alcoholic beverages into the state.

(ii) Alcoholic beverages shipped or transported into the state must clear U.S. Customs duty free.

(iii) The department shall affix the official state label to the alcoholic beverages.

(iv) The embassy shall pay the department an administrative handling fee of $1.00 per smallest unit (bottle, can, or keg). Payment of handling fees shall be made by the embassy using an official embassy check or embassy credit card.

(v) The alcoholic beverages may be used by the embassy only for official diplomatic functions, and may not be sold or resold.

(b) Purchases.

(i) Special Orders. An accredited foreign diplomatic mission that establishes an embassy presence in Utah may special order from the department alcoholic beverage products not presently sold in the state of Utah under the following procedures:

(A) The company or importer supplying the product must submit a price quotation to the department indicating the case price (in US dollars) for which it will sell the product to the state.

(B) The quoted case price must be reasonable (a minimum of $10.00 per case).

(C) The product will be marked up using the department=s standard pricing formula (less the state sales tax).

(D) Special orders must be placed by the embassy at least two months in advance to allow the department sufficient time to purchase and receive the product for the embassy.

(E) The product must be paid for by the embassy using an official embassy check or embassy credit card.

(F) The product may be used by the embassy only for official diplomatic functions, and may not be sold or resold.

(ii) Presently Available Merchandise. An accredited foreign diplomatic mission that establishes an embassy presence in Utah may purchase alcoholic beverages that are presently sold in the state of Utah under the following procedures:

(A) Alcoholic beverage product purchases, other than large quantity purchases, may be made by the embassy at any state store. The store shall deduct state sales tax from the purchase price.

(B) Large quantity purchase orders must be placed by the embassy at the department's licensee warehouse. The warehouse shall deduct state sales tax from the purchase price.

(C) The products must be paid for by the embassy using an official embassy check or embassy credit card.

(D) The product may be used by the embassy only for official diplomatic functions, and may not be sold or resold.

R81-1-23. Sales Restrictions on Products of Limited Availability.

(1) Purpose. Some alcoholic beverage products, especially wines, are of very limited availability from their manufacturers and suppliers to retailers including the department. When the department perceives that customer demand for these limited products may exceed the department=s current and future stock levels, the department, as a public agency, may place restrictions on their sales to ensure their fair distribution to all consumers. This also encourages manufacturers and suppliers to continue to provide their products to the department. This rule establishes the procedure for allocating products of limited availability.

(2) Application of Rule.

(a) The purchasing and wine divisions of the department shall identify those products that are of limited availability and designate them as "Limited /Allocated Status" ("L Status") items. The products shall be given a special "L Status" product code designation.

(b) "L Status" products on the department's price list, in stock, or on order, do not have to be sold on demand. Their sales to the general public and to licensees and permittees may be restricted. The purchasing and wine divisions of the department may issue system-wide restrictions directing the allocation of such products which may include placing limits on the number of bottles sold per customer.

(c) Signs noting this rule shall be posted in state stores and package agencies that carry "L Status" products.

R81-1-24. Responsible Alcohol Service Plan.

(1) Authority. This rule is pursuant to the commission's powers and duties under 32A-1-107 to act as a general policymaking body on the subject of alcoholic beverage control; set policy by written rules that establish criteria and procedures for suspending or revoking licenses; and prescribe the conduct and management of any premises upon which alcoholic beverages may be sold, consumed, served, or stored.

(2) Purpose. This rule allows the commission to require a business licensed by the commission to sell, serve or store alcoholic beverages for consumption on the licensed premises that has been found by the commission to have violated any provision of the Alcoholic Beverage Control Act relating to the sale, service, or furnishing of alcoholic beverages to an intoxicated person, or to a person under the age of 21, to have a written Responsible Alcohol Service Plan.

(3) Definitions.

(a) "Commission" means the Alcoholic Beverage Control Commission.

(b) "Department" means the Department of Alcoholic Beverage Control.

(c) "Intoxication" and "intoxicated" means a person who is actually, apparently, or obviously under the influence of an alcoholic beverage, a controlled substance, a substance having the property of releasing toxic vapors, or a combination of alcoholic beverages or said substances, to a degree that the person may endanger himself or another.

(d) "Licensed Business" is a person or business entity licensed by the commission to sell, serve, and store alcoholic beverages for consumption on the premises of the business.

(e) "Manager" means a person chosen or appointed to manage, direct, or administer the operations at a licensed business. A manager may also be a supervisor.

(f) "Responsible Alcohol Service Plan" or "Plan" means a written set of policies and procedures of a licensed business that outline measures that will be taken by the business to prevent employees of the licensed business from:

(i) over-serving alcoholic beverages to customers;

(ii) serving alcoholic beverages to customers who are actually, apparently, or obviously intoxicated; and

(iii) serving alcoholic beverages to persons under the age of 21.

(h) "Server" means an employee who actually makes available, serves to, or provides an alcoholic beverage to a customer for consumption on the business premises.

(i) "Supervisor" means an employee who, under the direction of a manager or owner, directs or has the responsibility to direct, transfer, or assign duties to employees who actually provide alcoholic beverages to customers on the premises of the business.

(4) Application of Rule.

(a)(i) The commission may direct that a licensed business that has been found by the commission to have violated any provision of the Alcoholic Beverage Control Act relating to the sale, service, or furnishing of alcoholic beverages to an intoxicated person, or to a person under the age of 21, submit to the department a Responsible Alcohol Service Plan.

(ii) The licensee thereafter shall maintain a Plan as a condition of continued licensing and relicensing by the commission.

(b) Any Plan at a minimum shall:

(i) outline the policies and procedures of the licensed business to:

(A) prevent over-service of alcohol;

(B) prevent service of alcohol to persons who are intoxicated;

(C) prevent service of alcohol to persons under the age of 21;

(D) provide alternate transportation options for problem customers; and

(E) deal with hostile customers;

(ii) require that all managers, supervisors, servers, security personnel, and others who are involved in the sale, service or furnishing of alcohol, agree to follow the policies and procedures of the Plan;

(iii) require adherence to the Plan as a condition of employment;

(iv) require a commitment by management to monitor employee compliance with the Plan;

(v) require periodic training sessions on the house policies and procedures in the Plan, and on the techniques of responsible service of alcohol taught in the Alcohol Training and Education Seminar required by 62A-15-401, such as:

(A) identifying legal forms of ID, checking ID, and recognizing fake ID;

(B) identifying persons under the age of 21;

(C) discussing the legal definition of intoxication;

(D) identifying behavioral signs of intoxication;

(E) discussing techniques for monitoring and controlling consumption such as:

(1) drink counting;

(2) slowing down alcohol service;

(3) offering food or nonalcoholic beverages; and

(4) cutting off alcohol service;

(F) discussing third party or "dram shop" liability for the unlawful service of alcohol to intoxicated persons and persons under the age of 21 as outlined in 32A-14a-101 through -105; and

(G) discussing the potential criminal, civil and administrative penalties for over-serving alcohol, selling, serving, or otherwise furnishing alcohol to persons who are intoxicated, or to persons who are under the age of 21.

(c) The licensed business may choose to include in the Plan incentives for those employees who deserve special recognition for their responsible service of alcohol.

(d) The Plan shall be available on the premises of the licensed business so as to be accessible to all employees of the licensed business who are involved in the sale, service or furnishing of alcohol.

(e) The Plan shall be available on the premises of the licensed business for inspection by representatives of the commission, department and by law enforcement officers.

(f) Any licensed business that fails to submit to the department a Plan as directed by the commission pursuant to Subsection (4)(a), or to have a Plan available for inspection as required by Subsection (4)(e), shall be subject to the immediate suspension or revocation of its current license, and shall not be granted a renewal of its license by the commission.

(g) The department, at the request of a licensed business, may provide assistance in the preparation of a Plan.

R81-1-25. Sexually-Oriented Entertainers and Stage Approvals.

(1) Authority. This rule is pursuant to:

(a) the police powers of the state under 32A-1-103 to regulate the sale, service and consumption of alcoholic beverages in a manner that protects the public health, peace, safety, welfare, and morals;

(b) the commission's powers and duties under 32A-1-107 to prescribe the conduct and management of any premises upon which alcoholic beverages may be sold, consumed, served, or stored; and

(c) 32A-1-601 through -604 that prescribe the attire and conduct of sexually-oriented entertainers in premises regulated by the commission and require them to appear or perform only in a tavern or class D private club and only upon a stage or in a designated area approved by the commission in accordance with commission rule.

(2) Purpose. This rule establishes guidelines used by the commission to approve stages and designated performance areas in a tavern or class D private club where sexually-oriented entertainers may appear or perform in a state of seminudity.

(3) Definitions.

(a) "Seminude", "seminudity, or "state of seminudity"means a state of dress as defined in 32A-1- 105(54).

(b) "Sexually-oriented entertainer" means a person defined in 32A-1-105(55).

(4) Application of Rule.

(a) A sexually-oriented entertainer may appear or perform seminude only on the premises of a tavern or class D private club.

(b) A tavern or class D private club licensee, or an employee, independent contractor, or agent of the licensee shall not allow:

(i) a sexually-oriented entertainer to appear or perform seminude except in compliance with the conditions and attire and conduct restrictions of 32A-1-602 and -603;

(ii) a patron to be on the stage or in the performance area while a sexually-oriented entertainer is appearing or performing on the stage or in the performance area; and

(iii) a sexually-oriented entertainer to appear or perform seminude except on a stage or in a designated performance area that has been approved by the commission.

(c) Stage and designated performance area requirements.

(i) The following shall submit for commission approval a floor-plan containing the location of any stage or designated performance area where sexually-oriented entertainers appear or perform:

(A) an applicant for a tavern or class D private club license from the commission who intends to have sexually-oriented entertainment on the premises;

(B) a current tavern or class D private club licensee of the commission that did not have sexually-oriented entertainment on the premises when application was made for the license or permit, but now intends to have such entertainment on the premises; or

(C) a current tavern or class D private club licensee of the commission that has sexually-oriented entertainment on the premises, but has not previously had the stage or performance area approved by the commission.

(ii) The commission may approve a stage or performance area where sexually-oriented entertainers may perform in a state of seminudity only if the stage or performance area:

(A) is horizontally separated from the portion of the premises on which patrons are allowed by a minimum of three (3) feet, which separation shall be delineated by a physical barrier or railing that is at least three (3) feet high from the floor;

(B) is configured so as to preclude a patron from:

(I) touching the sexually-oriented entertainer;

(II) placing any money or object on or within the costume or the person of any sexually-oriented entertainer;

(III) is configured so as to preclude a sexually-oriented entertainer from touching a patron; and

(IV) conforms to the requirements of any local ordinance of the jurisdiction where the premise is located relating to distance separation requirements between sexually-oriented entertainers and patrons that may be more restrictive than the requirements of Sections (4)(c)(i) and (ii) of this rule.

(iii) The person applying for approval of a stage or performance area shall submit with their application:

(A) a diagram, drawn to scale, of the premises of the business including the location of any stage or performance area where sexually-oriented entertainers will appear or perform;

(B) a copy of any applicable local ordinance relating to distance separation requirements between sexually-oriented entertainers and patrons; and

(C) evidence of compliance with any such applicable local ordinance.

R81-1-26. Criminal History Background Checks.

(1) Authority. This rule is pursuant to:

(a) the commission's powers and duties under 32A-1-107 to set policy by written rules that establish criteria and procedures for granting, denying, suspending, or revoking permits, licenses, and package agencies;

(b) 32A-1-111, 32A-2-101(1)(b),32A-3-103, 32A-4-103, 32A-4-203, 32A-4-304, 32A-4-403, 32A-5-103, 32A-6-103, 32A-7-103, 32A-8-103, 32A-8-503, 32A-9-103, 32A-10-203, 32A-10-303, and 32A-11-103 that prohibit certain persons who have been convicted of certain criminal offenses from being employed by the department or from holding or being employed by the holder of an alcoholic beverage license, permit, or package agency; and

(c) 32A-1-701 through 704 that allow for the department to require criminal history background check reports on certain individuals.

(2) Purpose. This rule:

(a) establishes the circumstances under which a person identified in the statutory sections enumerated in Subparagraph (1)(b), must provide the department with a criminal history background report that shows the person meets the qualifications of those statutory sections as a condition of employment with the department, or as a condition of the commission granting a license, permit, or package agency to an applicant for a license, permit, or package agency; and

(b) establishes the procedures for the filing and processing of criminal history background reports.

(3) Application of Rule.

(a)(i) Except to the extent provided in Subparagraphs (3)(a)(iv), (v), (vi), and (vii) a person identified in Subparagraph (1)(b) who has been a resident of the state of Utah for at least two years, shall submit a fingerprint card to the department, and consent to a fingerprint criminal background check by Utah Bureau of Criminal Identification, Department of Public Safety (hereafter "B.C.I.").

(ii) Except to the extent provided in Subparagraphs (3)(a)(iv), (v), (vi), and (vii), and (3)(b) through (h), a person identified in Subparagraph (1)(b) who has been a resident of the state of Utah for less than two years, shall submit a fingerprint card to the department, and consent to a fingerprint criminal background check by the Federal Bureau of Investigation (hereafter "F.B.I.").

(iii) Except to the extent provided in Subparagraphs (3)(a)(iv), (v), and (vi), and (vii), (3)(b) through (h), a person identified in Subparagraph (1)(b) who currently resides outside the state of Utah shall submit a fingerprint card to the department, and consent to a fingerprint criminal background check by the F.B.I.

(iv) A person identified in Subparagraph (1)(b) who previously submitted a criminal background check as part of the application process for a different license, permit, or package agency that was issued by the commission shall not be required to submit a fingerprint card with the department or provide a new criminal history background report as part of the application process for a new license, permit, or package agency if the person attests that he or she has not been convicted of any disqualifying criminal offense identified in Subparagraph (1)(b).

(v) An applicant for a single event permit under Title 32A, Chapter 7 shall not be required to submit a fingerprint card or provide a criminal history background report if the applicant attests that the persons identified in Subparagraph (1)(b) have not been convicted of any disqualifying criminal offense.

(vi) An applicant for a temporary special event beer permit under 32A-10-301 to -306 shall not be required to submit a fingerprint card or provide a criminal history background report if the applicant attests that the persons identified in

Subparagraph (1)(b) have not been convicted of any disqualifying criminal offense identified in Subparagraph (1)(b).

(vii) An applicant for employment with benefits with the department shall be required to submit a fingerprint card and consent to a fingerprint criminal background check only if the department has made the decision to offer the applicant employment with the department.

(b) An application that requires B.C.I. or F.B.I. criminal history background report(s) may be included on a commission meeting agenda, and may be considered by the commission for issuance of a license, permit, or package agency if:

(i) the applicant has completed all requirements to apply for the license, permit, or package agency other than the department receiving the required B.C.I. or F.B.I. criminal history background report(s);

(ii) the applicant attests in writing that he or she is not aware of any criminal conviction of any person identified in Subparagraph (1)(b) that would disqualify the applicant from applying for and holding the license, permit, or package agency;

(iii) the applicant has submitted to the department the necessary fingerprint card(s) required for the application, and consented to the fingerprint criminal background check(s) by the B.C.I. or F.B.I.;

(iv) the applicant at the time of application supplies the department with a current criminal history background report conducted by a third-party background check reporting service on any person for which a B.C.I. or an F.B.I. background check is required; and

(v) the applicant stipulates in writing that if a B.C.I. or an F.B.I. report shows a criminal conviction that would disqualify the applicant from holding the license, permit, or package agency, the applicant shall immediately surrender the license, permit, or package agency to the department.

(c) The commission may issue a license, permit, or package agency to an applicant that has met the requirements of Subparagraph (3)(b), and the license, permit, or package agency shall be valid during the period the B.C.I. or F.B.I. is processing the criminal history report(s).

(d) The department shall use a unique file tracking system for such licenses, permits, and package agencies.

(e) If the required B.C.I. or F.B.I. report(s) are not received by the department within six (6) months of the date the license, permit, or package agency is issued by the commission, the licensee, permittee, or package agent shall appear at the next regular meeting of the commission for a status report, and the commission may either order the surrender of the license, permit, or package agency, or may extend the reporting period.

(f) Upon the department's receipt of the B.C.I. or F.B.I. report(s):

(i) if there is no disqualifying criminal history, the license, permit, or package agency shall continue for the balance the license or permit period, or the package agency contract period; or

(ii) if there is a disqualifying criminal history, the license, permit, or package agency shall be immediately surrendered, and the commission may enter an order accepting the surrender, or an order revoking the license, permit, or package agency depending on the circumstances.

(g) In the case of a license or permit, if the statutory deadline for renewing the license or permit occurs before receipt of the B.C.I. or F.B.I. report(s), the licensee or permittee may file for renewal of the license or permit subject to meeting all of the requirements in Subparagraphs (3)(b) through (f).

(h) An applicant for employment with benefits with the department that requires a B.C.I. or an F.B.I. criminal history background report may be conditionally hired by the department prior to receipt of the report if:

(i) the applicant attests in writing that he or she is not aware of any criminal conviction that would disqualify the applicant from employment with the department;

(ii) the applicant has submitted to the department the necessary fingerprint card(s) required for the application, and consented to the fingerprint criminal background check(s) by the B.C.I. or F.B.I;

(iii) the applicant stipulates in writing that if a B.C.I. or an F.B.I. report shows a criminal conviction that would disqualify the applicant from employment with the department, the applicant shall terminate his or her employment with the department.

R81-1-27. Label Approvals.

(1) Authority. This rule is pursuant to 32A-1-806(2)(c) and (d) and 32A-1-807 which give the commission the authority to adopt rules necessary to fully implement certain aspects of the Malted Beverages Act, 32A-1-801 to -809.

(2) Purpose.

(a) Pursuant to 32A-1-804, effective October 1, 2008, a manufacturer may not distribute or sell in this state any malted beverage including beer, heavy beer, and flavored malt beverage unless the label and packaging of the beverage has been first approved by the department.

(b) The requirements and procedures for applying for label and packaging approval are set forth in 32A-1-804 to -806.

(c) This rule:

(i) establishes administrative fees that may be assessed by the department to process applications for the approval of malt beverage labels and packaging;

(ii) provides supplemental procedures for applying for and processing label and package approvals;

(iii) defines the meaning of certain terms in the Malted Beverages Act; and

(iv) establishes the format of certain words and phrases required on the containers and packaging of certain flavored malt beverages.

(3) Application of Rule.

(a) The department shall assess a fee of $30.00 made payable to the "Department of Alcoholic Beverage Control" for each application submitted for label and packaging approval.

(b) A complete set of original labels for each size of container must accompany each application for label and packaging approval.

(i) This includes all band, strip, front and back labels appearing on any individual container.

(ii) Original containers will not be accepted.

(iii) If original labels cannot be obtained, the following will be accepted:

(A) color reproductions that are exact size; or

(B) a copy of the federal certificate of label approval (COLA) from the Department of Treasury, Tax and Trade Bureau (Form TTB F5100.31) with the exact size label if printed in color.

(c) Because a heavy beer and flavored malt beverage product may be sold only by the department to consumers and on-premise retailers in this state, label approval for a heavy beer or flavored malt beverage need not be applied for until the department has decided to list the product for sale in this state. Any listing will be contingent on label and packaging approval.

(d) An application for approval is required for any revision of a previously approved label.

(e) An application for approval is required for any revision to packaging that significantly modifies the notice that the product is an alcoholic beverage.

(f) An application for approval is not required for any revision to packaging that relates to subject matter other than the required notice that the product is an alcoholic beverage such as temporary seasonal or promotional themes.

(g) Pursuant to 32A-1-805(6):

(i) the department may revoke any label and packaging

approved by the department prior to October 1, 2008, that does not comply with the label and packaging requirements of the Malted Beverage Act;

(ii) the department may delist any heavy beer or flavored malt beverage product listed by the department prior to October 1, 2008, that does not meet the label and packaging requirements of the Malted Beverage Act;

(iii) any heavy beer or flavored malt beverage product listed by the department prior to October 1, 2008, that did not receive prior label and packaging approval need not submit an application for label and packaging approval if the label and packaging meet the requirements of the Malted Beverage Act.

(h) Pursuant to 32A-1-806, effective October 1, 2008, a flavored malt beverage that is packaged in a manner that is similar to a label or package used for a nonalcoholic beverage must bear a prominently displayed label or a firmly affixed sticker on the container that includes the statement "alcoholic beverage" or "contains alcohol". Any packaging of a flavored malt beverage must also prominently include, either imprinted on the packaging or imprinted on a sticker firmly affixed to the packaging the statement "alcoholic beverage" or "contains alcohol". The words in the statement must appear:

(i) in capital letters and bold type;

(ii) in a solid contrasting background;

(iii) on the front of the container and packaging;

(iv) in a format that is readily legible;

(v) separate and apart from any descriptive or explanatory information; and

(vi) in a type size no smaller than 3 millimeters wide and 3 millimeters high.

(i) Pursuant to 32A-1-806, effective October 1, 2008, the label on a flavored malt beverage container shall state the alcohol content as a percentage of alcohol by volume or by weight. The alcohol content statement may not be abbreviated, but shall use the complete words "alcohol," "volume," or "weight". The words in the alcohol content statement must appear:

(i) in capital letters and bold type;

(ii) in a solid contrasting background;

(iii) in a format that is readily legible; and

(iv) separate and apart from any descriptive or explanatory information.

R81-1-28. Special Commission Meetings - Fees.

(1) Authority. This rule is pursuant to 32A-1-106(9) that gives the commission authority to hold special commission meetings; and 32A-1-107(1) that gives the commission authority to establish procedures for granting and denying permits and to prescribe fees payable for permits.

(2) Purpose. This rule authorizes the commission to assess an administrative fee in addition to the regular permit fee to cover the additional administrative costs of convening a special commission meeting to consider the application of an applicant for a single event permit or temporary special event beer permit who failed to timely submit the permit application to be considered at the commission's regularly scheduled monthly meeting.

(3) Application of Rule.

(a) If the commission agrees to convene a special commission meeting to accommodate an applicant described in Section (2), the commission shall assess an administrative fee of $350 in addition to the regular permit fee.

(b) The administrative fee in Section (3)(a) shall be used to offset the costs of convening the special meeting including, but not limited to:

(i) department costs associated with scheduling, arranging, and providing notice of the special meeting;

(ii) department costs associated with any emergency or electronic meeting held pursuant to R81-1-19 and -20;

(iii) payment of per diem and expenses to commissioners; and

(iv) any other costs incurred.

(c) The administrative fee in Section (3)(a) shall be paid prior to the convening of the special commission meeting.

(d) The administrative fee in Section (3)(a) is a non-refundable fee.

KEY: alcoholic beverages
April 22, 2009
Notice of Continuation August 31, 2006

32A-1-106(9)
32A-1-107
32A-1-119(5)(c)
32A-1-702
32-1-703
32A-1-704
32A-1-807
32A-3-103(1)(a)
32A-4-103(1)(a)
32A-4-106(1)(a)
32A-4-203(1)(a)
32A-4-304(1)(a)
32A-4-307(1)(a)
32A-4-401(1)(a)
32A-5-103(1)(a)
32A-6-103(2)(a)
32A-7-103(2)(a)
32A-7-106(5)
32A-8-103(1)(a)
32A-8-503(1)(a)
32A-9-103(1)(a)
32A-10-203(1)(a)
32A-10-206(14)
32A-10-303(1)(a)
32A-10-306(5)
32A-11-103(1)(a)

R137. Career Service Review Board, Administration.
R137-1. Grievance Procedure Rules.
R137-1-1. Authority and Purpose of Rule for Grievance Procedures.

(1) The authority for the rule on these grievance procedures is found at Section 67-19a-203.

(2) This rule establishes official procedures and standardized practices for administering these grievance procedures.

R137-1-2. Definitions.

Terms defined in Section 63G-4-103 of the Utah Administrative Procedures Act (UAPA) are incorporated by reference within this rule. In addition, other terms which are used in this rule are defined below:

"Abandonment of Grievance" means either the voluntary withdrawal of a grievance or the failure by an employee to properly pursue a grievance through these grievance procedures.

"Administrative Review of the File" means an informal adjudicative proceeding according to Subsection 67-19a-403(2)(b)(ii).

"Administrator" means the incumbent in the position defined at Section 67-19a-101(1).

"Affidavit" means a signed and sworn statement offered for consideration in connection with a grievance proceeding.

"Appeal" means a formal request to a higher level of review of an unacceptable lower level decision.

"Appellant" means the party that is advancing an evidentiary level grievance decision to the appellate level before the board at Step 6.

"Appointing Authority" means the officer, board, commission, person or group of persons authorized to make appointments on personnel/human resource management matters in their respective agency.

"Board" means the entity defined at Section 67-19a-101(2), and refers to the five-member, gubernatorial-appointed entity at Sections 67-19a-201 and 67-19a-202.

"Burden of Moving Forward" means a party's obligation to present evidence on a particular issue at a particular time. The burden of moving forward may shift back and forth between the parties based on certain legal principles.

"Burden of Proof" means the obligation to prove affirmatively a fact or set of facts at issue between two parties. If proven, the opposing party then has a burden of proving any affirmative defense.

"CSRB" and "CSRB Office" mean the agency of state government that statutorily administers these grievance procedures according to Sections 67-19a-101 through 67-19a-408.

"Closing Statement" means a party's final summation of evidence and argument, which is presented at the conclusion of the hearing.

"Consolidation" means the combining of two or more grievances involving the same controversy for purposes of holding a joint hearing, proceeding, or administrative review.

"Continuance" means an authorized postponement or adjournment of a hearing until a later date, whether the date is specified or not.

"Declaratory Order" means a ruling that is explanatory in purpose; it is designed to clarify what before was uncertain or doubtful. A declaratory order constitutes a declaration of rights between parties to a dispute and is binding as to both present and future rights. It is an administrative interpretation or explanation of a right, statute, order or other legal matter under a statute, rule, or an order.

"Default" means an omission of or untimely failure to take or perform a required act in the processing of a grievance. It is the failure to discharge an obligation which results in a forfeiture.

"Deposition" means a form of discovery in which testimony of a witness is given under oath, subject to cross-examination, and recorded in writing, prior to the hearing.

"Discovery" means the prehearing process whereby one party may obtain from the opposing party, or from other individuals or entities, information regarding the witnesses to be called, the documents and exhibits to be used at the hearing, and the facts and information about the case.

"Evidentiary Hearing" means a proceeding of relative formality, though much less formal than a trial, in which witnesses are heard and evidence is presented and considered. Specific issues of fact and of law are tried. Afterwards, ultimate conclusions of fact and of law are set forth in a written decision or order.

"Excusable Neglect" means the exercise of due diligence by a reasonably prudent person and constitutes a failure to take proper steps at the proper time, not in consequence of the person's own carelessness, inattention, or willful disregard in the processing of a grievance, but in consequence of some unexpected or unavoidable hindrance or accident.

"File" means to submit a document, grievance, petition, or other paper to the CSRB Office as prescribed by these rules. The term "file" includes faxing and E-mailing.

"Filing Date" means the day that a document, grievance, petition, or other paper is recorded as having been received by the CSRB Office.

"Grievance Procedures" mean the grievance and appeal procedures codified at Sections 67-19a-101 through 67-19a-408 and promulgated through this rule.

"Grievant" means the person or party advancing one or more issues as a petitioner through these grievance procedures to the evidentiary/step 5 level. However, at the appellate/step 6 level one party is designated as the appellant, the other as respondent.

"Group Grievance" means a grievance submitted and signed by two or more aggrieved employees. The term does not include "class action."

"Hearing" means the opportunity to be heard in an administrative proceeding.

"Hearing Officer" means an impartial trier of facts appointed by the CSRB administrator and assigned to hear a particular grievance case at the evidentiary/step 5 level.

"Hearsay Evidence" means evidence not based upon a witness's personal knowledge as a direct observer of an event. Rather, hearsay evidence stems from the repetition of what a witness heard another person say. Hearsay's value rests upon the credibility of the declarant. Hearsay is a statement made outside of the hearing that is offered as evidence of the truth of matters asserted in the hearing.

"Issuance" means the date on which a decision, order or ruling is signed and dated; it is not the date of mailing, or the date of the mailing certificate, nor the postal date. Date of issuance is the date specified according to Subsection 63G-4-401, of the UAPA.

"Joint Hearing" means the uniting of two or more grievances involving the same, similar, or related circumstances or issues to conduct a single hearing; also see "Consolidation."

"Jurisdiction" means the legal right and authority to hear and decide issues and controversies.

"Jurisdictional Hearing" means a hearing conducted by the administrator (or hearing officer who sits by designation to represent the administrator in these hearings) to determine timeliness, standing, jurisdiction, direct harm, and eligibility to advance a grievance issue to the evidentiary/step 5 level.

"Management Representative" means a person of managerial or supervisory status who is not subject to exclusion. Legal counsel is not included within the meaning of the term.

"Motion" means a request offered verbally or in writing for a ruling or to take some action.

"Notice" and "Notification" mean a proper written notice to the parties involved in a grievance procedural hearing or conference, setting forth date, time, location, and the issue to be considered.

"Pleadings" mean the formal written allegations of the parties that set forth their respective claims and defenses.

"Pro Se" means in one's own behalf. A person is represented pro se in an administrative proceeding when acting without legal counsel or other representation.

"Quash" means to cancel, annul, or vacate a subpoena.

"Relevant" means directly applying to the matter in question; pertinent, germane. It is evidence that tends to make the existence of any facts more probable or certain than they would be without the evidence; and tending to prove the precise fact at issue.

"Remand" means to send back, as for further deliberation and judgment, to the presiding official or other tribunal from which a case was appealed.

"Respondent" means the party against whom an appeal is made at the appellate/step 6 level.

"Standard of Proof" means the evidentiary standard, which in CSRB adjudications is the substantial evidence standard.

"Stay" means a temporary suspension of a case or of some designated proceeding within the case.

"Submit" means to commit to the discretion of another; to present for determination.

"Subpoena" means a formal legal document issued under authority to compel the appearance of a witness at an administrative proceeding, the disobedience of which may be punishable as a contempt of court.

"Subpoena Duces Tecum" means a formal legal document issued under authority to compel specific documents, books, writings, papers, or other items.

"Substantial Evidence" means evidence possessing something of substance and relevant consequence, and which furnishes substantial basis of fact from which issues tendered can be reasonable resolved. It is evidence that a reasonable mind might accept as adequate to support a conclusion, but is less than a preponderance.

"Summary Judgment" means a ruling made upon motion by a party or the presiding official when there is no dispute as to either material fact or inferences to be drawn from undisputed facts, or if only a question of law is involved. The motion may be directed toward all or part of a claim or defense.

"Transcript" means an official verbatim written record of an adjudicative proceeding or any part thereof, which has been recorded and subsequently transcribed by a certified court reporter.

"UAPA" means the Utah Administrative Procedures Act found at Sections 63G-4-102 through 63G-4-601.

"Withdraw" means to recall or retract a grievance from further consideration under these grievance procedures.

"Witness Fee" means an appearance fee and may also include a mileage rate established by statutory provision pursuant to Section 78B-1-119.

"Working Days" means for purposes of the time periods for filing a grievance, advancing an appeal or responding to an employee's grievance or appeal, all days except for Saturdays, Sundays and recognized State holidays.

R137-1-3. Classification Jurisdiction.

The CSRB and the CSRB hearing officers have no jurisdiction over classification and reclassification grievances, appeals, and complaints nor over position schedule assignments, according to Section 67-19-31 and Subsections 67-19a-202(1)(a) and 67-19a-302(1), and Section R477-3-5.

R137-1-4. Complaints From Applicants.

(1) A public applicant for a position with the state's work force has no standing to submit a grievance and is precluded from using these grievance procedures, according to Subsection 67-19-16(6).

(2) A public applicant who alleges a violation of a legally prohibited practice based upon race, color, sex, pregnancy, childbirth, or pregnancy-related conditions, age, if the individual is 40 years of age or older, religion, national origin, or disability, is directed to Section R137-1-5 of these grievance procedures.

R137-1-5. Discrimination: Legally Prohibited Practices.

(1) Discrimination Claims. Claims alleged to be based upon a legally prohibited practice as set forth in Section 34A-5-106, including employment discrimination on the basis of race, color, sex, pregnancy, childbirth, or pregnancy-related conditions, age, if the individual is 40 years of age or older, religion, national origin, or disability, are not admissible under these grievance procedures. The CSRB and CSRB hearing officers have no jurisdiction over the preceding claims.

(2) Processing Discrimination Complaints. A public applicant, a probationary employee, a career service employee, or an exempt employee who alleges a violation of a legally prohibited practice pursuant to Section 34A-5-106, may file a timely complaint with the individual's respective department head. If the individual is not satisfied with the department head's decision, or if the decision is not rendered within ten working days after submission of the complaint, the individual may then file a complaint with the Utah Anti-discrimination Division pursuant to Section 67-19-32.

(3) Filing Discrimination Complaints. Employees and applicants desiring to file a legally prohibited discrimination complaint may contact the Utah Anti-Discrimination Division.

R137-1-6. Filing Procedure.

The submission of correspondence, pleadings, grievance materials, and legal documents is subject to the following provisions:

(1) Filing/Receipt. Papers to be filed with the CSRB Office or the administrator are deemed filed on the date actually received, and are so date-stamped. The date on which papers are received and date-stamped is regarded as the date of filing.

(2) Time Periods. All papers, memoranda, petitions, grievances, pleadings, briefs, exhibits, and written motions to be filed with the administrator must be filed in the CSRB Office, 1120 State Office Building, Capitol Hill, Salt Lake City, Utah 84114, within the time limits prescribed either by law, by these rules, or by order of the administrator, by the designated CSRB hearing officer, or the board's chair or vice-chair.

(a) All filing dates are based upon the CSRB Office's working days.

(b) Papers must be signed by the person filing the paper or by the person's authorized representative.

(c) Documents being submitted are to contain the name, business address, and telephone number of the representative, if a party or person is being represented.

(d) Copies of all filed papers shall be served upon the appropriate opposing party or person to grievance proceedings, with notice of service given to the administrator.

(e) Notice to a designated representative constitutes notice to the representative's client.

(f) Notice to an employee who is not represented shall be served at the address specified on the employee's statement of grievance or correspondence, or in the absence of such specification, at the last mailing address shown in the employing agency's personnel file.

R137-1-7. Subpoenas.

Subsection 63G-4-205(2) of the UAPA is incorporated by reference.

(1) Subpoena Power. Pursuant to Subsection 67-19a-204(2)(a)(ii), the administrator may issue subpoenas to witnesses and may obtain documents or other evidence in conjunction with any inquiry, investigation, hearing, or other proceedings.

(a) The aggrieved employee has the right to require the production of books, papers, records, and other items pertinent to the facts at issue that are within the control of the agency against which the grievance is lodged, and which are not held to be protected or privileged by law. Affidavits and ex parte statements offered during a hearing may be received and considered by the CSRB hearing officer.

(b) A person receiving a subpoena issued by the CSRB will find the title of the proceeding posted thereon, and the person to whom it is directed shall be compelled to attend and give testimony. A subpoena duces tecum may be used to produce designated books, or other items at a specified time and place when these items are under an agency's or a person's control.

(c) A request by counsel or a party's representative to issue a subpoena must be reasonable and timely. At least two full working days' notice prior to a scheduled hearing must be given to the administrator, not counting preparation and delivery time. The requesting party shall simultaneously notify the opposing party of the request.

(d) The original of each subpoena is to be presented to the person named therein, and a copy shall be issued to the counsel or representative of each party.

(2) Service of Subpoenas. Service of subpoenas shall be made by the requesting party delivering the subpoena to the person named, unless the CSRB Office is requested to deposit the subpoena properly addressed and postage prepaid, with the U.S. Postal Service, or to send it by State Mail Services, or to send it by E-mail, or to send it by facsimile transmission, or in any combination.

(3) Proof of Service. If service has not been acknowledged by the witness, the server may make an affidavit of service. Failure to make proof of service does not affect the validity of the service.

(4) Quashing. Subsection 67-19a-204(2)(a)(iii) governs the quashing of subpoenas by the administrator.

R137-1-8. Notice, Service, Issuance and Distribution.

(1) Service by the Parties. The parties to a proceeding shall serve upon each other one copy of all pleadings filed with the administrator. Service of a pleading may be made by any of the following: personal delivery, U.S. Postal Service, postage prepaid, State Mail Services, facsimile, or E-mail.

(a) Pleadings must be accompanied by a certificate of service or an affidavit of mailing, indicating how, where, when and to whom service is being made.

(b) It is the duty of a party or person or their representative to notify the administrator and the opposing party or representative in writing of any changes in names, addresses, or telephone numbers.

(2) Service of Subpoena. Service of subpoenas shall be executed in accordance with Section R137-1-7(2) above.

(3) Issuance of Decisions and Orders. A CSRB decision, order, ruling or other document shall be considered issued on the date that it is signed by its CSRB originator, rather than on other dates such as the date it is mailed, postmarked, received or distributed.

(a) All notices, decisions, orders and rulings by the administrator by a CSRB hearing officer, or by the board's chair or vice-chair are to be distributed to the counsel or representatives of record and upon any person appearing pro se.

(b) The CSRB Office will retain the original notice, decision, order or ruling with the record of the proceedings. Distribution of a CSRB notice, decision, order or ruling is accomplished when any of the following occurs:

(i) deposit postage prepaid with the U.S. Postal Service,

(ii) deposit with State Mail Services,

(iii) personal delivery,

(iv) facsimile transmission, or

(v) E-mail transmission.

(c) A mailing certificate must be attached to the notice, decision, order or ruling bearing the date of mailing and the names and addresses of those persons to whom the notice, decision, order or ruling is originally distributed.

R137-1-9. Continuance/Postponement.

Timely, Written Requests. Upon receipt of a notice of hearing, or as soon thereafter as circumstances necessitating a continuance come to a party's knowledge, a party desiring to postpone the proceeding or filing of a pleading to a later date shall file a written request for continuance with the administrator.

(1) Every petition for a continuance shall specify the reason for the requested delay.

(2) In considering a request for continuance, the administrator, the appointed CSRB hearing officer, or the board shall take into account:

(a) whether the request was promptly and timely made, in writing; and

(b) whether the request is for good cause.

(3) A continuance may not be granted for insufficient cause nor as an excuse for lack of preparation.

(4) Parties must not anticipate that a given number of continuances are granted to each party, nor that a series of continuances is permitted.

R137-1-10. Eligibility to Grieve.

(1) Standing. Only executive branch career service employees may use these grievance procedures.

(a) Pursuant to Subsection 67-19-16-(6) and Section 67-19a-301, the board has no jurisdiction over grievance petitions filed by probationary employees, public applicants, exempt employees, noncareer service employees, public employees of the state's political subdivisions, public employees covered by other grievance systems, or employees of state institutions of higher education.

(2) Questionable Standing. Where a question or dispute exists whether an employee qualifies to use these grievance procedures, such controversies must be resolved through application of R137-1-17 by the administrator. The administrator's determination shall be final and subject to review only in the Utah Court of Appeals for formal adjudications and in the district court for informal adjudications according to Subsections 67-19a-301(2) and 67-19a-403(2), and Sections 63G-4-402 and 63G-4-403 of the UAPA.

(3) Class Action. Pursuant to Subsection 67-19a-401(7)(c), class action grievances will not be admissible for consideration by the board under these grievance procedures.

(4) Group Grievance. A group grievance is admissible provided that each aggrieved employee signs the grievance, according to Subsections 67-19a-401(7)(a) and (b).

R137-1-11. Issues Appealable to the Evidentiary/Step 5 and Appellate/Step 6 Levels.

All grievances shall be reviewed for jurisdictional considerations to determine:

(1) If the CSRB hearing officers and the board lack jurisdiction to hear matters which are not included within the scope of Subsections 67-19a-202(1)(a) and 67-19a-302(1), or

(2) If issues or components of a grievance are deemed to be satisfactorily resolved they may not qualify to be advanced further under these grievance procedures according to Section R137-1-17(2), and the board may refuse to hear or take action.

R137-1-12. Employees' Rights.

(1) Representation. The state does not provide legal counsel or representation to aggrieved employees nor pay the fees for an employee's representation. Also, Subsection 67-19a-406(4)(a) precludes the awarding of fees or costs to an employee's attorney or representative.

(2) Pro Se Status. A party or person to a grievance proceeding may be represented pro se. When a party or person is represented pro se, the party or person is entitled to request the issuance of subpoenas, directly examine and cross-examine witnesses, make opening and closing statements, submit documentary evidence, summarize testimony, and in all respects fully present one's own case.

(3) No Reprisal. Pursuant to Subsection 67-19a-303(3), no appointing authority, director, manager, or supervisor may take action to retaliate against a grievant, a representative, or a witness who participates in or is scheduled to participate in a grievance proceeding.

R137-1-13. Automatic Processing, Waiver, Excusable Neglect, Abandonment of Grievance, Default, Transfer and Stay.

(1) Automatic Processing. An agency's failure to reply in writing to an aggrieved employee's grievance within the prescribed time period automatically grants the aggrieved employee the right to advance the grievance to the next step of these grievance procedures listed in Section 14 (below). However, pursuant to Subsection 67-19a-401(2), the parties may mutually agree to waive steps 2, 3 or 4 or extend the statutory time period for those steps. Waivers of the statutory time periods by agency management and the aggrieved employee must be placed in writing and signed.

(2) Waiver. When the administrator finds that a grievance is one that an agency cannot resolve because of the nature of the grievance, the matter may be waived in writing to a higher level. Steps 2, 3, or 4 may be waived, but not steps 5 or 6. Any waiver agreed to between the parties must be in writing, dated, and signed by the parties or the parties' representatives according to Subsection 67-19a-401(2).

(3) Excusable Neglect. The standard of excusable neglect may be offered as a defense to lack of timeliness in processing a grievance or for not appearing at a scheduled proceeding.

(a) The administrator or appointed CSRB hearing officer shall determine the applicability of the excusable neglect standard on the basis of good cause.

(b) All questions are to be resolved at the original level of occurrence.

(4) Abandonment of Grievance. In the event the administrator determines that a grievance claim has been withdrawn, abandoned, or otherwise neglected beyond either the established time lines or a reasonable period, the matter no longer qualifies for further processing through these grievance procedures. When withdrawal is intended, it should be accomplished in writing.

(5) Default. An employee who defaults in processing a grievance forfeits further rights granted by these rules and under Section 63G-4-209 of the UAPA, which is incorporated by reference.

(6) Transfer. The administrator may administratively transfer a grievance case from the aggrieved employee's department to another, more appropriate department to respond as necessary to serve the ends of justice and fairness.

(7) Stay. Upon written request, the administrator, the board, or the CSRB hearing officer may grant a stay of a decision, order, ruling, remedy, or proceeding, when based upon good cause.

(a) The administrator, the board, or the CSRB hearing officer may grant a stay for a specific period of time or may grant an indefinite stay of an evidentiary/step 5 or appellate/step 6 proceeding.

(b) In considering a request for a stay of proceedings, the administrator, the board, or the CSRB hearing officer may take into consideration whether the request is unopposed or not. If the request for a stay is unopposed, the request may be granted if based upon good cause. If the request is opposed, the request shall be considered on its merits and ruled upon accordingly.

R137-1-14. Grievance Procedure Steps.

Persons acting on grievances pursuant to Section 667-19a-402, and in accordance with these rules, shall conduct their filings through the following steps, or levels, of increasing accountability:

Step 1; A verbal discussion shall be held with the immediate supervisor. In this informal action, the employee is required to fully describe the grievance for possible resolution.

Step 2; A written form of the grievance shall be submitted to the immediate supervisor. Thus distinguished from a verbal gripe/complaint, it then becomes a formal complaint requiring a written response. Steps 2, 3 and 4 require a written response within time periods outlined in Section 67-19a-402, and are to be conducted by only one supervisor, director, etc.

Step 3; A review of the grievance is to then be conducted by the agency or division director;

Step 4; A review of the grievance is then conducted by the department head, executive director, or commissioner (or the designated representative);

Step 5; An evidentiary de novo hearing is conducted before the CSRB hearing officer.

An appellate review is conducted before the CSRB board members.

The purpose for the above steps, or levels, is to curtail employees from having to submit their grievances to persons in agency management not specified in the above steps or levels. Only the above-listed persons (or their designated representatives) in agency management are authorized to respond to state employees' grievances.

R137-1-15. Procedure for Grieving Disciplinary Action Imposed by Department Head.

(1) An aggrieved employee who has been issued a written reprimand, suspension without pay, demotion, or dismissal, imposed by the respective department head (i.e., executive director or commissioner) may appeal that action directly to the evidentiary/step 5 level.

(a) An appeal from discipline is distinguishable from a grievance.

(b) A grievance is filed at steps 1 and 2, and proceeds through steps 3 and 4.

(c) When an appeal from discipline imposed by a department head (or designated representative) occurs at the step 4 level, it may be appealed directly to the CSRB at the evidentiary/step 5 level.

(2) When appealed to the CSRB Office, the appeal must be filed within 20 working days from the date an aggrieved employee receives written notification from the department head who imposed the disciplinary action.

R137-1-16. Procedure for Grieving Reduction in Force.

An aggrieved employee may appeal from a reduction in force according to the following:

(1) Upon receiving the department head's final, written decision, the employee may appeal from a reduction in force by filing a written appeal within 20 working days with the CSRB Office.

R137-1-17. Jurisdictional Hearing.

A jurisdictional hearing is a formal adjudication conducted according to Subsection 67-19a-403(2)(b)(i) with Section 63G-

4-206 of the UAPA incorporated by reference. An administrative review of the file is an informal adjudication according to Subsection 67-19a-403(2)(b)(ii) with Section 63G-4-202 of the UAPA incorporated by reference.

(1) Procedural Issues. The administrator shall determine the following: timeliness, standing, direct harm, jurisdiction, and eligibility of the issues to be advanced, and any other procedural matters or jurisdictional controversies according to Sections 67-19a-403 and 67-19a-404.

(2) Determination. The administrator shall determine which types of grievances may be heard at the evidentiary/step 5 level. Those types of grievances found to have been resolved at a lower level or those that do not qualify for advancement to the evidentiary/step 5 level are precluded from further consideration in any grievance submitted for CSRB consideration.

(3) Preclusion. Those types of actions not listed in Subsections 67-19a-202(1)(a) and 67-19a-302(1) are precluded from advancement to the evidentiary/step 5 level. When the grievance is precluded from the evidentiary/step 5 level, the matter under dispute shall be deemed as final at the level of the department head/step 4 written reply according to Subsection 67-19a-302(2).

(4) Reconsideration. A written request for reconsideration may be filed with the administrator. It must be filed within 20 days from the date that a jurisdictional hearing decision or an administrative review of the file decision is issued with Section 63G-4-302 of the UAPA incorporated by reference. The written reconsideration request must contain specific reasons why a reconsideration is warranted with respect to the factual findings and legal conclusions of the jurisdictional hearing decision or administrative review of the file decision. New or additional evidence may not be considered.

(5) Judicial Review.

(a) The aggrieved employee or the responding agency may appeal the administrator's formal adjudicative jurisdictional hearing decision and final agency action to the Utah Court of Appeals within 30 calendar days from the date of issuance according to Subsection 63G-4-401(3)(a) and Section 63G-4-403 of the UAPA which are incorporated by reference.

(b) The aggrieved employee or the responding agency may appeal the administrator's informal adjudicative decision and final agency action of an administrative review of the file to the district court according to Sections 63G-4-402 and 63G-4-404 of the UAPA which are incorporated by reference.

(6) Summary Judgment. The administrator may, pursuant to an administrative review of the procedural facts and circumstances of a grievance case, summarily dispose of a case on the ground that:

(a) the matter is untimely;

(b) the grievant has failed to appear at the properly scheduled date, time, and place pursuant to written notice;

(c) the grievant lacks standing;

(d) the grievant has withdrawn or otherwise abandoned the grievance;

(e) the grievant has not been directly harmed;

(f) the issue grieved does not qualify to be advanced beyond step 4; or

(g) the requested remedy or relief exceeds the scope of these grievance procedures.

(7) Transcription and Transcript Fees. If a party appeals a jurisdictional hearing decision to the Utah Court of Appeals or to the district court, the appealing party is responsible for paying all transcription costs and any transcript fees. The CSRB does not participate in the payment of these fees when appeals are taken to the appellate or trial court. See Utah Rules of Appellate Procedure, Rule 11, and Section 63G-4-403(3), regarding transcript costs from formal adjudications under the UAPA.

R137-1-18. Procedural Matters.

The provisions under this section pertain to jurisdictional and evidentiary/step 5 proceedings of the CSRB, but not to appellate/step 6 proceedings unless specifically indicated.

(1) Purpose. A formal adjudicative proceeding provides a fair and impartial opportunity for the parties to be heard and to present their evidence. The adjudicative process allows the CSRB administrator or the CSRB hearing officer to be completely informed about the case. After having considered the parties' evidence, the CSRB administrator or the CSRB hearing officer may then render a proper determination based upon all of the facts, circumstances, and applicable laws, rules and policies.

(2) Types of Adjudications. For purposes of Section 63G-4-202 of the UAPA:

(a) All CSRB jurisdictional, evidentiary/step 5 and appellate/step 6 adjudications are formal adjudicative proceedings. Sections 63G-4-205 through 63G-4-209, 63G-4-401 and 63G-4-403 through 63G-4-405 of the UAPA are incorporated by reference within this rule and are applicable to these adjudicative proceedings.

(b) An administrative review of the file pursuant to Subsection 67-19a-403(2)(b)(ii) is an informal adjudicative proceeding with Sections 63G-4-203, 63G-4-402, and 63G-4-404 of the UAPA incorporated by reference.

(3) Rules of Evidence/Procedure Inapplicable. The technical rules of evidence and the formal rules of civil procedure as observed in the courts of law are inapplicable to grievance procedure proceedings, except for the rules of privilege as recognized by law and those specific references to the rules of evidence and procedure as set forth in the UAPA.

(4) Expelling. The CSRB hearing officer may clear the proceeding of witnesses not under examination and may exclude any unruly or disruptive person.

(5) Presentation of Case. Each party's representative is given the opportunity to make an opening statement. At the appropriate time, each party's representative is given the opportunity to present evidence. After each party's representative has presented its respective case, the moving party, followed by the responding party, may offer a closing statement. The moving party may offer one rebuttal. Continuous rebuttal is not permissible.

(6) Objections.

(a) When an objection is made as to the admissibility of evidence, the CSRB hearing officer shall note the objection for the record. A ruling is then made by the CSRB hearing officer, or the objection may be taken under advisement to be ruled upon later.

(b) The CSRB hearing officer has discretion to exclude inadmissible evidence and to order that cumulative or repetitive evidence be discontinued.

(c) A party objecting to the introduction of evidence must state the precise grounds of the objection at the time such evidence is offered.

(7) Marking Exhibits. All exhibits shall be numerically marked and labeled in the order received into evidence, unless previously marked and labeled.

(8) Motion to Dismiss. The CSRB hearing officer may, upon a party's motion or upon the CSRB hearing officer's own motion, dismiss the grievance or appeal with due regard for the standard of excusable neglect according to R137-1-13(3).

(9) Consolidation of Grievances. Grievances of the same or of a sufficiently similar context may be consolidated by the administrator for purposes of conducting a single or joint hearing.

(10) Standard of Proof. In all CSRB adjudicative proceedings, the standard of proof is the substantial evidence standard according to Subsection 67-19a-406(2)(c).

(11) Hearsay Evidence. Hearsay evidence is admissible in

CSRB formal adjudicative proceedings as qualified by Subsection 63G-4-208(3) of the UAPA which is incorporated by reference.

(12) Discovery. The following rule provisions satisfy Subsection 63G-4-205(1) of the UAPA on discovery.

(a) Discovery shall be limited to that which is relevant and nonprivileged, and for which each party has a substantial, demonstrable need for supporting their respective claims or defenses.

(b) At the discretion and approval of the appointed CSRB hearing officer, parties to a dispute may obtain discovery. The CSRB hearing officer has discretion to entertain motions to conduct discovery on a case-by-case basis regarding the following:

(i) production of witnesses;

(ii) production of documents, records and things;

(iii) issuance of subpoenas which are issued pursuant to R137-1-6 and R137-1-8;

(iv) the taking of interrogatories;

(v) the taking of depositions, when a proposed witness is not available for giving testimony at a scheduled hearing and when a witness's testimony appears reasonably calculated to lead to the discovery of admissible evidence;

(vi) requests for admissions; and

(vii) physical and mental examinations.

(c) Witness lists and copies of exhibits shall be offered by each party to the opposing party and to the appointed CSRB hearing officer during a prehearing/scheduling conference, unless the exchange is scheduled for a later date.

(i) Each party's list of witnesses shall contain a brief statement describing the nature of the proposed testimony to be offered by each witness.

(ii) A party may not surprise the opposing party with a witness or an exhibit at the hearing which was not made known at the prehearing/scheduling conference, or by a scheduled exchange date, unless the witness or exhibit is in direct rebuttal to admitted opposing evidence. Also refer to R137-1-7(1)(c).

(13) Page Limitation.

(a) Written motions, pleadings, briefs, and memoranda for all CSRB proceedings may not exceed 20 typed, double-spaced 8-1/2 x 11 inch pages, exclusive of any statement of facts. Reply briefs may not exceed ten pages.

(b) An application for an exception to the above-stated page limitation provisions must be timely filed in writing, and not more than ten double-spaced 8-1/2 x 11 inch pages in a 12-point font. The applicant party has the burden to offer sufficient justification for requests more than 20 and 10 pages respectively to the CSRB for the granting of any exceptions to the page limitation provision.

(c) The CSRB may weigh all requests to exceed the page limitation provision based upon the reasonableness and necessity of such requests in light of each case and its circumstances. The board does not automatically grant exceptions simply on the basis of a request.

R137-1-19. Witnesses.

(1) Availability of State Employees to Testify. An agency shall be responsible for making available any of its employees who are requested to testify in a hearing.

(a) Off Duty Employees. Agencies are not responsible for making available an employee who is: off duty; on sick, annual or other approved leave; or who, for any other reason, is not at work during the time the hearing is in progress.

(b) Nondisruption. The parties and their representatives, the administrator and the CSRB hearing officer shall make every effort to avoid disruption to the operation of state government in the calling of state employees to testify in hearings under these grievance procedures.

(c) Witness Failure. If a requested witness does not appear at the scheduled hearing, the witness's failure to appear may not necessitate the postponement of any proceedings.

(d) Excessive Witnesses. If the number of witnesses requested by a party is excessive, the administrator or the CSRB hearing officer may require the party to justify the request or face denial of part or all of the request.

(e) Witness Fees and Mileage Fees. A witness fee and a mileage fee are available to nonstate employees and to state employees who use nonworking hours if their presence is required in a grievance proceeding as a witness according to Section 78B-1-119. The CSRB reserves the right to determine on an individual case basis whether it will authorize a travel fee, and to what extent, for an out-of-state witness called by a party.

(2) Hostile Witnesses. When the CSRB hearing officer determines that a witness is uncooperative or even hostile, the witness may be examined by the party calling that witness as if under cross-examination. The party calling the witness may, upon showing that the witness was called in good faith but that the testimony is a surprise, proceed to impeach the witness by proof of prior inconsistent statements.

(3) Exclusion/Sequestering of Witnesses.

(a) The CSRB hearing officer may sequester witnesses from the hearing until they are called to testify.

(b) Witnesses not presently testifying may be sequestered on motion by one or both parties.

(c) The CSRB hearing officer will counsel the witnesses not to discuss the case with those witnesses who have not yet testified.

(4) Management Representative. Prior to every hearing the agency's representative may designate a person to serve as the agency's management representative. The agency's management representative is entitled to remain throughout the hearing to represent the agency at any proceeding even if called to testify. Neither the grievant nor the management representative may be excluded from the hearing.

R137-1-20. Public Hearings.

A CSRB hearing is open to the public unless there are reasonable grounds to justify an executive session for either part or all of a hearing. This provision does not apply to witnesses who are being called to testify according to R137-1-19.

(1) Closing Hearings. All grievance procedure hearings shall be open to the public except as follows:

(a) The administrator, the board, or the CSRB hearing officer may close either a portion or an entire hearing based upon a compelling reason.

(b) An evidentiary/step 5 hearing may be closed in part or in its entirety when the proceeding involves discussion about a state employee's character, professional competence, or physical or mental health according to Subsection 52-4-205(1)(a) of the Open and Public Meetings statute.

(2) Sealing Evidence. The administrator, the board, or the CSRB hearing officer may seal the record when appropriate according to Subsection 67-19a-406(4)(c) and 67-19a-408(6).

(3) Media Presence. All hearings at the jurisdictional, evidentiary/step 5 and appellate/step 6 levels are open to the media, unless closed pursuant to R137-1-20(1) above. However, television cameras are not permitted at the evidentiary/step 5 proceeding.

(4) Distribution of Decisions. The administrator may provide copies of legal decisions, orders, and rulings to the public upon request. Portions of or entire legal decisions and orders may be withheld if deemed to be legally privileged or protected under the state's Government Records Access and Management Act (GRAMA), or if the record is sealed according to Subsection 67-19a-408(5).

R137-1-21. The Evidentiary/Step 5 Adjudicatory Procedures.

(1) Authority of the CSRB Hearing Officer/Presiding Officer. The CSRB hearing officer/presiding officer is authorized to:

(a) serve as the presiding officer at evidentiary/step 5 hearings as set forth at Subsection 63G-4-103(h)(i) of the UAPA;

(b) maintain order, ensure the development of a clear and complete record, rule upon offers of proof, receive relevant evidence, and assign the burden of proof according to Subsection 67-19a-406(2);

(c) set reasonable limits on repetitive and cumulative testimony and sequester any witness whose later testimony might be colored by the testimony of another witness or any person whose presence might have a chilling effect on another testifying witness;

(d) rule on motions, exhibit lists, witness lists and proposed findings;

(e) require the filing of memoranda of law and the presentation of oral argument with respect to any question of law;

(f) compel testimony and order the production of evidence and the appearance of witnesses;

(g) admit evidence that has reasonable and probative value; and

(h) reopen the evidentiary record.

(2) Conduct of Hearings. A hearing shall be confined to those issues related to the subject matter presented in the original grievance statement.

(a) An evidentiary proceeding may not be allowed to develop into a general inquiry into the policies and operations of an agency.

(b) An evidentiary proceeding is intended solely to receive evidence that either refutes or substantiates specific claims or charges. A proceeding may not be used as an occasion for irresponsible accusations, general attacks upon the character or conduct of the employing agency, agency management, or other employees. A hearing may not be used as a forum for making derogatory assertions having no bearing on the claims or specific matters under review.

(3) Evidentiary/Step 5 Hearing. An evidentiary/step 5 hearing shall be a new hearing for the record according to Subsections 67-19a-406(1) and (2), held de novo, with both parties being granted full administrative process as follows:

(a) The CSRB hearing officer shall first make factual findings based solely on the evidence presented at the hearing without deference to any prior factual findings of the agency. The CSRB hearing officer shall then determine whether:

(i) the factual findings made from the evidentiary/step 5 hearing support with substantial evidence the allegations made by the agency or the appointing authority, and

(ii) the agency has correctly applied relevant policies, rules, and statutes.

(b) When the CSRB hearing officer determines in accordance with the procedures set forth above that the evidentiary/step 5 factual findings support the allegations of the agency or the appointing authority, then the CSRB hearing officer must determine whether the agency's decision, including any disciplinary sanctions imposed, is excessive, disproportionate or otherwise constitutes an abuse of discretion. In making this latter determination, the CSRB hearing officer shall give deference to the decision of the agency or the appointing authority unless the agency's penalty is determined to be excessive, disproportionate or constitutes an abuse of discretion in which instance the CSRB hearing officer shall determine the appropriate remedy.

(4) Discretion. Upon commencement, the CSRB hearing officer shall announce that the hearing is convened and is being held on the record. The CSRB hearing officer shall note appearances for the record and shall determine which party has the burden of moving forward first.

(5) Closing the Record. After all testimony, documentary evidence, and arguments have been presented, the CSRB hearing officer shall close the record and terminate the proceeding, unless one or both parties agree to submit a posthearing brief or memoranda of law within a specified time.

(6) Posthearing Briefs. When posthearing briefs or memoranda of law are scheduled to be submitted, the record shall remain open until the briefs or memoranda are exchanged and received by the CSRB hearing officer and incorporated into the record, or until the time to receive these submissions has expired. After receipt of posthearing documents, or upon the expiration of the time to receive posthearing documents, the case is then taken under advisement, and the tolling period commences for the issuance of the written decision.

(7) Findings of Fact, Conclusions of Law. Notwithstanding R137-1-21(1)(h) above, following the closing of the record, the CSRB hearing officer shall write a decision containing findings of fact and conclusions of law according to Section 67-19a-406 and Section 63G-4-208 of the UAPA, which is incorporated by reference. When the CSRB hearing officer's decision and order is filed with the administrator it then becomes the decision and order of the evidentiary/step 5 hearing.

(8) Distribution of Decisions. The administrator shall distribute copies of the evidentiary/step 5 decision and order to the persons, parties and representatives of record.

(9) Past Work Record. In those proceedings where a disciplinary penalty is at issue, the past employment record of the employee is relevant for purposes of either mitigating or sustaining the penalty when substantial evidence supports an agency's allegations.

(10) Compliance and Enforcement. State agencies, department heads, division directors and officials are expected to comply with decisions and orders issued by the CSRB hearing officer, unless an appeal is taken to the appellate/step 6 level. Enforcement measures available to the CSRB include:

(a) petitioning the governor, who may remove his appointed state officers with or without cause, and with respect to those who can only be removed for cause, refusal to obey a lawful order may constitute sufficient cause for removal;

(b) a mandamus order to compel the official to obey the order;

(c) the charge of a Class A misdemeanor according to Section 67-19-29; and

(d) seeking enforcement of a legal decision, order or ruling through civil enforcement in the district court according to Subsection 63G-4-501(1) of the UAPA which is incorporated by reference.

(11) Rehearings. Rehearings are not permitted.

(12) Reconsideration.

(a) Section 63G-4-302 of the UAPA is incorporated by reference within this rule, and requests for reconsideration of an evidentiary/step 5 decision will be conducted in accordance with that section, except for the time period which is stated below.

(b) The written reconsideration request must contain specific reasons why a reconsideration is warranted with respect to the factual findings and legal conclusions of the evidentiary/step 5 decision. The same CSRB hearing officer shall decide the propriety of a reconsideration. A request for reconsideration is filed with the administrator. To be timely the written request for reconsideration shall be filed within ten working days upon receipt of the evidentiary/step 5 decision according to the time period at Subsection 67-19a-407(1)(a)(i), not Section 63G-4-302.

(c) An appeal to the appellate/step 6 level from a CSRB hearing officer's reconsideration decision and order must be filed within ten working days upon receipt of the reconsideration or within ten working days after expiration of

the time for receipt of the reconsideration, whichever is first.

R137-1-22. The Board's Appellate/Step 6 Procedures.

(1) Transcript Production. The party appealing the CSRB hearing officer's evidentiary/step 5 decision to the board at the appellate/step 6 level shall order transcription of the evidentiary/step 5 hearing from the court reporting firm within ten working days upon receipt of acknowledgment of the appeal from the administrator.

(a) The appellant shall share an equal fee payment with the CSRB Office to the court reporting firm. Transcript production cost-sharing applies equally only to the appellant and to the CSRB Office. The CSRB Office receives the transcript original; the appellant receives a transcript copy.

(b) The respondent may inquire of the CSRB Office about obtaining a transcript copy, or may directly purchase a copy from the court reporting firm.

(2) Briefs. An appeal hearing before the board at step 6 is based upon the evidentiary record previously established by the CSRB hearing officer during the evidentiary/step 5 hearing. No additional or new evidence is permitted unless compelled by the board.

(a) The appellant in an appellate/step 6 proceeding must obtain the transcript of the evidentiary/step 5 hearing. After receipt of the transcript, the appellant has 30 calendar days to file an original and six copies of a brief with the administrator. Additionally, the respondent must be provided with a copy of the appellant's brief.

(b) After receiving a copy of the appellant's brief, the respondent then has 30 calendar days to file an original and six copies of a brief with the administrator. The appellant may file an original and six copies of a reply brief which addresses the respondent's brief.

(c) After receiving both parties' briefs, the administrator distributes the briefs and the CSRB hearing officer's evidentiary/step 5 decision to the board members.

(d) Each party is responsible for filing its original and six copies with the CSRB Office and for exchanging a copy with the opposing party.

(e) Briefs shall be date-stamped upon their receipt in the CSRB Office.

(f) The time frame for receiving briefs shall be modified or waived only for good cause as determined by the CSRB chair or vice-chair, or the administrator.

(3) Rules of Procedure. The following rules are applicable to appeal hearings before the board at the appellate/step 6 level:

(a) Dismissal of Appeal. Upon a motion by either party or upon its own motion, the board may dismiss any appeal prior to holding a formal appeal hearing if the appeal is clearly moot, without merit, improperly filed, untimely filed, or outside the scope of the board's authority.

(b) Notice. The board shall distribute written notice of the date, time, place, and issues for hearing to the aggrieved employee, to the employee's counsel or representative, to the appropriate agency official, to the agency's counsel or representative, and to the agency's management representative, at least five working days before the date set for the hearing.

(c) Compelling Evidence. The board may compel evidence in the conduct of its appeal hearings, according to Subsection 67-19a-202(3).

(d) Oral Argument/Time Limitation. The board grants up to 20 to 25 minutes to each party for oral argument. The board may grant additional time when deemed appropriate.

(e) Oral Argument Set Aside. If the board determines that oral argument is unnecessary, the parties shall be notified. However, the parties' representatives may be expected to appear before the board at the date, time, and place noticed to answer any questions raised by the board members.

(f) Argument or Memoranda. The board may require the parties to offer oral argument or submit written memoranda of law.

(4) The Board's Standards of Review. The board's standards of review based upon the following criteria:

(a) The board shall first make a determination of whether the factual findings of the CSRB hearing officer are reasonable and rational according to the substantial evidence standard. When the board determines that the factual findings of the CSRB hearing officer are not reasonable and rational based on the evidentiary/step 5 record as a whole, then the board may, in its discretion, correct the factual findings, and also make new or additional factual findings.

(b) Once the board has either determined that the factual findings of the CSRB hearing officer are reasonable and rational or has corrected the factual findings based upon the evidentiary/step 5 record as a whole, the board must then determine whether the CSRB hearing officer has correctly applied the relevant policies, rules, and statutes according to the correctness standard, with no deference being granted to the evidentiary/step 5 decision of the CSRB hearing officer.

(c) Finally, the board must determine whether the decision of the CSRB hearing officer, including the totality of the sanctions imposed by the agency, is reasonable and rational based upon the ultimate factual findings and correct application of relevant policies, rules, and statutes determined according to the above provisions.

(5) Appeal Hearing Record. The proceeding before the board shall be recorded by a certified court reporter, or in exceptional circumstances by a recording machine.

(6) Appellate Review. Upon a party's application for review of the CSRB hearing officer's evidentiary/step 5 decision, the board's appellate/step 6 decision is based upon a review of the record, including briefs and oral arguments presented at step 6, and no further evidentiary hearing will be held unless otherwise ordered by the board. Section 63G-4-208 of the UAPA is incorporated by reference.

(7) Remand. Until the board's decision is final, the board may remand the case to the original CSRB hearing officer to take additional evidence or to resolve any further evidentiary issues of fact or law with instructions or may make any other appropriate disposition of the appeal.

(8) Distribution of Appellate Decisions. The board's decision and order is issued on the date that it is signed and dated by the CSRB chair, vice-chair or another board member. After the board's appellate/step 6 decision is issued, it is distributed according to R137-1-8(3).

(a) The board's appellate decision shall be distributed to the aggrieved employee, the employee's counsel or representative, the appropriate agency official, the agency's counsel or representative, and to the agency's management representative. The board's appellate decision shall be final in terms of administrative review under these grievance procedures. The board may, at its discretion, release to the parties its determination orally prior to issuance of its official written decision.

(b) The board's appellate decision is binding on the agency that is a party to the appeal unless its decision and ruling is overturned, vacated, or modified resulting from an appeal to the Utah Court of Appeals.

(c) The board may affirm, reverse, adopt, modify, supplement, amend, or vacate the CSRB hearing officer's decision, either in whole or in part.

(9) Rehearings. The board does not permit rehearings.

(10) Reconsideration.

(a) Reconsideration requests of the board's appellate/step 6 decisions will be conducted pursuant to the provisions of Section 63G-4-302.

(b) Any request for reconsideration of a previously issued decision by the board is subject to the following conditions:

(i) Reconsideration requests must contain specific reasons why a reconsideration is warranted with respect to the board's factual findings and legal conclusions.

(ii) The board has discretion to decide whether it may reconsider any previously adjudicated matter.

(iii) The board only grants a reconsideration if appropriate justification is offered.

(iv) When the board agrees to the petitioner's request, the board's reconsideration response is in writing, with no further hearing or proceeding on the record, unless the board reopens the record or remands the case to the evidentiary/step 5 level.

(v) Any appeal from a board-issued reconsideration to the Utah Court of Appeals must be filed according to Section 63G-4-401(3)(a)of the UAPA.

(11) An Appeal to the Utah Court of Appeals.

To appeal to the Utah Court of Appeals, a party must file with the court within 30 calendar days from the date of issuance of the board's decision and final agency action according to Sections 63G-4-401 and 63G-4-403 of the UAPA, which are incorporated by reference. The dates of mailing, postmarking and receipt are not applicable to filing with the court.

(12) Transcript Fee. The party petitioning the Utah Court of Appeals for a review must bear all costs of transcript production for the appellate/step 6 proceeding. The CSRB Office may not share any cost for a transcript or transcription of the appeal hearing. The petitioning party should provide a copy of the appeal hearing's transcript to the responding party when an appellate/step 6 proceeding is transcribed.

R137-1-23. Declaratory Orders.

This rule provides a procedure for the submission and review of requests for and disposition of declaratory rulings pertaining to the applicability of statutes, administrative rules, and orders either governing or issued by the administrator, the board or a CSRB hearing officer. Section 63G-4-503 of the UAPA is incorporated by reference.

(1) Applicability. The applicability of a declaratory order refers to the determination of whether a statute, rule, or order should be applied, and if so, how the law should be applied to the facts.

(2) Petition Procedure. Any person or agency with proper standing may petition for a declaratory ruling.

(a) The petition must be addressed and delivered to the CSRB Office or the administrator.

(b) The petition shall be date-stamped upon receipt in the CSRB Office.

(3) Petition Form. The petition shall:

(a) be clearly designated as a request for a declaratory order;

(b) identify the statute, rule, decision or order to be reviewed;

(c) describe the circumstances in which applicability is to be reviewed;

(d) describe the reason or need for the applicability review;

(e) include an address and telephone number where the petitioner can be reached during regular work days; and

(f) be signed by the petitioner.

(4) Petition Review and Disposition. As appropriate the administrator or the board:

(a) shall review and consider the petition;

(b) shall prepare a declaratory ruling, stating:

(i) the applicability or nonapplicability of the statute, rule, or order at issue;

(ii) the reasons for the applicability or nonapplicability of the statute, rule, decision or order; and

(iii) any requirements imposed on a petitioning person or agency, or any other person according to the ruling; and

(c) may:

(i) interview the petitioner or the agency representative;

(ii) hold a public hearing on the petition;

(iii) consult with legal counsel or the Attorney General; or

(iv) take any action that the board, in its judgment, deems necessary to provide the petition with an adequate review and due consideration.

(5) Time Period and Issuance. The board or the administrator shall prepare the declaratory ruling without unnecessary delay. The board shall issue a copy of the ruling to the petitioner by depositing it with the U.S. Postal Service, postage prepaid, or by depositing it with State Mail Services, by faxing it or E-mailing it, as appropriate. In the event of a necessary delay, the board must issue a notice of progress to the petitioner within 30 days of receipt of the petition.

(6) Records. The CSRB Office shall retain the petition and the original of the declaratory ruling in its records.

(7) Statutory Construction. Questions requiring the construction of statutory provisions may be submitted to the Attorney General for a formal or informal letter opinion.

(8) Refusal. The board or the administrator may refuse to issue a declaratory order if the question in issue is one that is being contested in a case currently before the board.

KEY: grievance procedures

December 16, 1997	**34A-5-106**
Notice of Continuation August 4, 2006	**67-19-30**
	67-19-31
	67-19-32
	67-19a et seq.
	63G-4 et seq.

R156. Commerce, Occupational and Professional Licensing.
R156-22. Professional Engineers and Professional Land Surveyors Licensing Act Rule.
R156-22-101. Title.

This rule is known as the "Professional Engineers and Professional Land Surveyors Licensing Act Rule".

R156-22-102. Definitions.

In addition to the definitions in Title 58, Chapters 1, 3a and 22, as used in Title 58, Chapters 1, 3a and 22, or this rule:

(1) "Complete and final" as used in Section 58-22-603 means "complete construction plans" as defined in Subsection 58-22-102(3).

(2) "Direct supervision" as used in Subsection 58-22-102(10) means "supervision" as defined in Subsection 58-22-102(16).

(3) "Employee, subordinate, associate, or drafter of a licensee" as used in Subsections 58-22-102(16), 58-22-603(1)(b) and this rule means one or more individuals not licensed under this chapter, who are working for, with, or providing professional engineering, professional structural engineering, or professional land surveying services directly to and under the supervision of a person licensed under this chapter.

(4) "Engineering surveys" as used in Subsection 58-22-102(9) include all survey activities required to support the sound conception, planning, design, construction, maintenance, and operation of engineered projects, but exclude the surveying of real property for the establishment of land boundaries, rights-of-way, easements, alignment of streets, and the dependent or independent surveys or resurveys of the public land survey system.

(5) "Incidental practice" means "architecture work as is incidental to the practice of engineering" as used in Subsection 58-22-102(9) and "engineering work as is incidental to the practice of architecture" as used in Subsection 58-3a-102(6), which:

(a) can be safely and competently performed by the licensee without jeopardizing the life, health, property and welfare of the public;

(b) is in an area where the licensee has demonstrated competence by adequate education, training and experience;

(c) arises from, and is directly related to, work performed in the licensed profession;

(d) is substantially less in scope and magnitude when compared to the work performed or to be performed by the licensee in the licensed profession; and

(e) is work in which the licensee is fully responsible for the incidental practice performed as provided in Subsections 58-3a-603(1) or 58-22-603(1).

(6) "Professional structural engineering or the practice of structural engineering", as defined in Subsection 58-22-102(14), is further defined to exclude the design and oversight of the construction and installation of highway, utility, or pedestrian bridges.

(7) "Recognized jurisdiction" as used in Subsection 58-22-302(4)(d)(i), for licensure by endorsement, means any state, district or territory of the United States, or any foreign country who issues licenses for professional engineers, professional structural engineers, or professional land surveyors, and whose licensure requirements include:

(a) Professional Engineer.

(i) a bachelors or post graduate degree in engineering or equivalent education as determined by the Center for Professional Engineering Services (CPEES) and four years of full time engineering experience under supervision of one or more licensed engineers; and

(ii) passing the NCEES Principles and Practice of Engineering Examination (PE).

(b) Professional Structural Engineer.

(i) a bachelors or post graduate degree in engineering or equivalent education as determined by the Center for Professional Engineering Services (CPEES) and four years of full time engineering experience under supervision of one or more licensed engineers;

(ii) passing the NCEES Structural I and II Examination; and

(iii) three years of licensed experience in professional structural engineering.

(c) Professional Land Surveyor.

(i) a two or four year degree in land surveying or equivalent education as determined by the Center for Professional Engineering Services (CPEES) and four years of full time land surveying experience under supervision of one or more licensed professional land surveyors; or eight years of full time land surveying experience under supervision of one or more licensed professional land surveyors; and

(ii) passing the NCEES Principles and Practice of Land Surveying Examination (PLS) or passing a professional land surveying examination that is substantially equivalent to the NCEES Principles and Practice of Land Surveying Examination.

(8) "Responsible charge" by a principal as used in Subsection 58-22-102(7) means that the licensee is assigned to and is personally accountable for the production of specified professional engineering, professional structural engineering or professional land surveying projects within an organization.

(9) "TAC/ABET" means Technology Accreditation Commission/Accreditation Board for Engineering and Technology.

(10) "Under the direction of the licensee" as used in Subsection 58-22-102(16), as part of the definition of "supervision of an employee, subordinate, associate, or drafter of a licensee", means that the unlicensed employee, subordinate, associate, or drafter of a person licensed under this chapter engages in the practice of professional engineering, professional structural engineering, or professional land surveying only on work initiated by a person licensed under this chapter, and only under the administration, charge, control, command, authority, oversight, guidance, jurisdiction, regulation, management, and authorization of a person licensed under this chapter.

(11) "Unprofessional conduct" as defined in Title 58, Chapters 1 and 22, is further defined, in accordance with Subsection 58-1-203(1)(e), in Section R156-22-502.

R156-22-103. Authority - Purpose.

This rule is adopted by the division under the authority of Subsection 58-1-106(1)(a) to enable the division to administer Title 58, Chapter 22.

R156-22-104. Organization - Relationship to Rule R156-1.

The organization of this rule and its relationship to Rule R156-1 is as described in Section R156-1-107.

R156-22-302b. Qualifications for Licensure - Education Requirements.

(1) Education requirements - Professional Engineer.

In accordance with Subsections 58-22-302(1)(d) and 58-22-302(2)(d), the engineering program criteria is established as one of the following:

(a) The bachelors or post graduate engineering program shall be accredited by EAC/ABET or the Canadian Engineering Accrediting Board (CEAB).

(b) The post graduate engineering degree, when not accredited by EAC/ABET or CEAB, shall be earned from an institution which offers a bachelors or masters degree in an engineering program accredited by EAC/ABET or CEAB in the same specific engineering discipline as the earned post graduate

degree and the applicant is responsible to demonstrate that the combined engineering related coursework taken (both undergraduate and post graduate) included coursework that meets or exceeds the engineering related coursework required for the EAC/ABET accreditation for the bachelor degree program.

(c) If the degree was earned in a foreign country, the engineering curriculum shall be determined to be equivalent to a EAC/ABET accredited program by the Center for Professional Engineering Services (CPEES). Only deficiencies in course work in the humanities, social sciences and liberal arts and no more than five semester hours in math, science or engineering, not to exceed a total of 10 semester hours noted by the credentials evaluation may be satisfied by successfully completing the deficiencies in course work at a recognized college or university approved by the division in collaboration with the board. Engineering course work deficiencies must be completed at an EAC/ABET approved program.

(d) A TAC/ABET accredited degree is not acceptable to meet the qualifications for licensure as a professional engineer.

(2) Education requirements - Professional Land Surveyor.

In accordance with Subsection 58-22-302(3)(d), an equivalent land surveying program for licensure as a professional land surveyor is defined as an earned bachelors or masters degree and completion of a minimum of 30 semester hours or 42 quarter hours of course work in land surveying which shall include the following courses:

(a) successful completion of a minimum of one course in each of the following content areas:

(i) boundary law;

(ii) writing legal descriptions;

(iii) photogrammetry;

(iv) public land survey system;

(v) studies in land records or land record systems;

(vi) surveying field techniques; and

(b) the remainder of the 30 semester hours or 42 quarter hours may be made up of successful completion of courses from the following content areas:

(i) algebra, calculus, geometry, statistics, trigonometry, not to exceed six semester hours or eight quarter hours;

(ii) control systems;

(iii) drafting, not to exceed six semester hours or eight quarter hours;

(iv) geodesy;

(v) geographic information systems;

(vi) global positioning systems;

(vii) land development; and

(viii) survey instrumentation.

R156-22-302c. Qualifications for Licensure - Experience Requirements.

(1) General Requirements. These general requirements apply to all applicants under this chapter and are in addition to the specific license requirements in Subsections (2), (3) and (4).

(a) Experience must be progressive on projects that are of increasing quality and requiring greater responsibility.

(b) Only experience of an engineering, structural engineering or surveying nature, as appropriate for the specific license, is acceptable.

(c) Experience is not acceptable if it is obtained in violation of applicable statutes or rules.

(d) Unless otherwise provided in Subsection (1)(e), experience shall be gained under the direct supervision of a person licensed in the profession for which the license application is submitted. Supervision of an intern by another intern is not permitted.

(e) Experience is also acceptable when obtained in a work setting where licensure is not required or is exempted from licensure requirements, including experience obtained in the armed services if:

(i) the experience is performed under the supervision of qualified persons and the applicant provides verifications of the credentials of the supervisor; and

(ii) the experience gained is equivalent to work performed by an intern obtaining experience under a licensed supervisor in a licensed or civilian setting, and the applicant provides verification of the nature of the experience.

(f) Proof of supervision. The supervisor shall provide to the applicant the certificate of qualifying experience in a sealed envelope with the supervisor's seal stamped across the seal flap of the envelope, which the applicant shall submit with the application for licensure.

(g) In the event the supervisor is unavailable or refuses to provide a certification of qualifying experience, the applicant shall submit a complete explanation of why the supervisor is unavailable and submit verification of the experience by alternative means acceptable to the board, which shall demonstrate that the work was profession-related work, competently performed, and sufficient accumulated experience for the applicant to be granted a license without jeopardy to the public health, safety or welfare.

(h) In addition to the supervisor's documentation, the applicant shall submit at least one verification of qualifying experience from a person licensed in the profession who has personal knowledge of the applicant's knowledge, ability and competence to practice in the profession applied for.

(i) Duties and responsibilities of a supervisor. The duties and responsibilities of a licensee under Subsection (1)(d) or other qualified person under Subsection (1)(e) include the following.

(i) A person may not serve as a supervisor for more than one firm.

(ii) A person who renders occasional, part time or consulting services to or for a firm may not serve as a supervisor.

(iii) The supervisor shall be in responsible charge of the projects assigned and is professionally responsible for the acts and practices of the supervisee.

(iv) The supervision shall be conducted in a setting in which the supervisor is independent from control by the supervisee and in which the ability of the supervisor to supervise and direct the practice of the supervisee is not compromised.

(v) The supervisor shall be available for advice, consultation and direction consistent with the standards an ethics of the profession.

(vi) The supervisor shall provide periodic review of the work assigned to the supervisee.

(vii) The supervisor shall monitor the performance of the supervisee for compliance with laws, standards and ethics applicable to the profession.

(viii) The supervisor shall provide supervision only to a supervisee who is an employee of a licensed professional or alternatively in a setting wherein both the supervisor and the supervisee are engaged in a work setting in which the work is exempt from licensure requirements.

(ix) The supervisor shall submit appropriate documentation to the division with respect to all work completed by the supervisee during the period of supervised experience, including the supervisor's evaluation of the supervisee's competence to practice in the profession.

(x) The supervisor shall assure each supervisee has obtained the degree which is a prerequisite to the intern beginning to obtain qualifying experience.

(2) Experience Requirements - Professional Engineer.

(a) In accordance with Subsection 58-22-302(1)(e), an applicant for licensure as a professional engineer shall complete the following qualifying experience requirements:

(i) Submit verification of qualifying experience, obtained while under the supervision of one or more licensed professional engineers, which experience has been certified by the licensed professional who provided the supervision documenting completion of a minimum of four years of full time or equivalent part time qualifying experience in professional engineering approved by the division in collaboration with the board in accordance with the following:

(A) The qualifying experience must be obtained after meeting the education requirements.

(B) A maximum of three of the four years of qualifying experience may be approved by the board as follows:

(I) A maximum of three years of qualifying experience may be granted for teaching advanced engineering subjects in a college or university offering an engineering curriculum accredited by EAC\ABET.

(II) A maximum of three years of qualifying experience may be granted for conducting research in a college or university offering an engineering curriculum accredited by EAC/ABET provided the research is under the supervision of a licensed professional and is directly related to the practice of engineering, as long as such research has not been credited towards the education requirements. Therefore research which is included as part of the classwork, thesis or dissertation or similar work is not acceptable as additional work experience.

(III) A maximum of one year of qualifying experience may be granted for completion of a masters degree in engineering provided that both the earned bachelors and masters degree in engineering meet the program criteria set forth in Subsection R156-22-302b(1).

(IV) A maximum of two years of qualifying experience may be granted for completion of a doctorate degree in engineering provided that both the earned bachelors or masters degree and doctorate degree in engineering meet the program criteria set forth in Subsection R156-22-302b(1).

(b) The performance or supervision of construction work as a contractor, foreman or superintendent is not qualifying experience for licensure as a professional engineer.

(c) Experience should include demonstration of, knowledge, application, and practical solutions using engineering mathematics, physical and applied science, properties of materials and the fundamental principles of engineering design.

(3) Experience Requirements - Professional Structural Engineer.

(a) In accordance with Subsection 58-22-302(2)(e), each applicant shall submit verification of three years of full time or equivalent part time professional structural engineering experience obtained while under the supervision of one or more licensed professional structural engineers, which experience is certified by the licensed structural engineer supervisor and is in addition to the qualifying experience required for licensure as a professional engineer.

(b) Professional structural engineering experience shall include responsible charge of structural design in one or more of the following areas:

(i) structural design of any building or structure two stories and more, or 45 feet in height, located in a region of moderate or high seismic risk designed in accordance with current codes adopted pursuant to Section 58-56-4;

(ii) structural design for a major seismic retrofit/rehabilitation of an existing building or structure located in a region of moderate or high seismic risk; or

(iii) structural design of any other structure of comparable structural complexity.

(c) Professional structural engineering experience shall include structural design in all of the following areas:

(i) use of three of the following four materials as they relate to the design, rehabilitation or investigation of buildings or structures:

(A) steel;

(B) concrete;

(C) wood; or

(D) masonry;

(ii) selection of framing systems including the consideration of alternatives and the selection of an appropriate system for the interaction of structural components to support vertical and lateral loads;

(iii) selection of foundation systems including the consideration of alternatives and the selection of an appropriate type of foundation system to support the structure;

(iv) design and detailing for the transfer of forces between stories in multi-story buildings or structures;

(v) application of lateral design in the design of the buildings or structures in addition to any wind design requirements; and

(vi) application of the local, state and federal code requirements as they relate to design loads, materials, and detailing.

(4) Experience Requirements - Professional Land Surveyor.

(a) In accordance with Subsections 58-22-302(3)(d), an applicant for licensure as a professional land surveyor shall complete the following qualifying experience requirements:

(i) Submit verification of qualifying experience obtained under the supervision of one or more licensed professional land surveyors who have provided supervision, which experience is certified by the licensed professional land surveyor supervisor and is in accordance with the following:

(A) Applicants who have met the education requirements in Subsection 58-22-302(3)(d)(i) shall document four years of full time or equivalent part time qualifying experience in land surveying which experience may be obtained before, during or after completing the education requirements for licensure.

(B) Prior to January 1, 2007, applicants who did not complete the education requirements in Subsection 58-22-302(3)(d)(i) shall have until December 31, 2009 to apply for licensure by documenting eight years of qualifying experience in land surveying.

(b) The four years of qualifying experience required in R156-22-302c(4)(a)(i)(A) and four of the eight years required in R156-22-302c(4)(a)(i)(B) shall comply with the following:

(i) Two years of experience should be specific to field surveying with actual "hands on" surveying, including all of the following:

(A) operation of various instrumentation;

(B) review and understanding of plan and plat data;

(C) public land survey systems;

(D) calculations;

(E) traverse;

(F) staking procedures;

(G) field notes and manipulation of various forms of data encountered in horizontal and vertical studies; and

(ii) Two years of experience should be specific to office surveying, including all of the following:

(A) drafting (includes computer plots and layout);

(B) reduction of notes and field survey data;

(C) research of public records;

(D) preparation and evaluation of legal descriptions; and

(E) preparation of survey related drawings, plats and record of survey maps.

(c) The remaining qualifying experience required in R156-22-302c(4)(a)(i)(B) shall include any aspects of the practice of land surveying under the supervision of a licensed professional land surveyor in accordance with Subsection 58-22-102(16).

R156-22-302d. Qualifications for Licensure - Examination Requirements.

(1) Examination Requirements - Professional Engineer.

(a) In accordance with Subsection 58-22-302(1)(f), the examination requirements for licensure as a professional engineer are defined, clarified or established as the following:

(i) the NCEES Fundamentals of Engineering (FE) Examination with a passing score as established by the NCEES except that an applicant who has completed an undergraduate degree from an EAC/ABET accredited program and has completed a Ph.D. or doctorate in engineering from an institution that offers EAC/ABET undergraduate programs in the Ph.D. field of engineering is not required to take the FE examination;

(ii) the NCEES Principles and Practice of Engineering (PE) Examination other than Structural II with a passing score as established by the NCEES; and

(iii) pass all questions on the open book, take home Utah Law and Rules Examination, which is included as part of the application for licensure forms.

(b) If an applicant was approved by the Utah Division of Occupational and Professional Licensing to take the examinations required for licensure as an engineer under prior Utah statutes and rules and did take and pass all examinations required under such prior rules, the prior examinations will be acceptable to qualify for reinstatement of licensure rather than the examinations specified under Subsection R156-22-302d(1)(a).

(c) Prior to submitting an application for pre-approval to sit for the NCEES PE examination, an applicant must have successfully completed three out of the four years of the qualifying experience requirements set forth in Subsection R156-22-302c(1), and have successfully completed the education requirements set forth in Subsection R156-22-302b(1).

(d) The admission criteria to sit for the NCEES FE examination is set forth in Section 58-22-306.

(2) Examination Requirements - Professional Structural Engineer.

(a) In accordance with Subsection 58-22-302(2)(f), the examination requirements for licensure as a professional structural engineer are defined, clarified, or established as the following:

(i) the NCEES Fundamentals of Engineering Examination (FE) with a passing score as established by the NCEES;

(ii) the NCEES Structural I and Structural II Examinations with a passing score as established by the NCEES; and

(iii) as part of the application for license, pass all questions on the open book, take home Utah Law and Rules Examination.

(b) Prior to submitting an application for pre-approval to sit for the NCEES Structural II examination, an applicant must have successfully completed two out of the three years of the experience requirements set forth in Subsection R156-22-302c(3).

(3) Examination Requirements - Professional Land Surveyor.

(a) In accordance with Subsection 58-22-302(3)(e), the examination requirements for licensure as a professional land surveyor are established as the following:

(i) the NCEES Fundamentals of Land Surveying (FLS) Examination with a passing score as established by the NCEES;

(ii) the NCEES Principles and Practice of Land Surveying (PLS) Examination with a passing score as established by the NCEES; and

(iii) the Utah Local Practice Examination with a passing score of at least 75.

(b) Prior to submitting an application for pre-approval to sit for the NCEES PLS examination, an applicant must have successfully completed the education requirement set forth in Subsection R156-22-302b(2) and three out of the four years of the qualifying experience requirements set forth in Subsection R156-22-302c(4).

(4) Examination Requirements for Licensure by Endorsement.

In accordance with Subsection 58-22-302(4)(d)(ii), the examination requirements for licensure by endorsement are established as follows:

(a) Professional Engineer: An applicant for licensure as a professional engineer by endorsement shall comply with the examination requirements in Subsection R156-22-302d(1) except that the board may waive one or more of the following examinations under the following conditions:

(i) the NCEES FE Examination for an applicant who is a principal for five of the last seven years preceding the date of the license application and who was not required to pass the NCEES FE Examination for initial licensure from the recognized jurisdiction the applicant was originally licensed;

(ii) the NCEES PE Examination for an applicant who is a principal for five of the last seven years preceding the date of the license application, who has been licensed for 20 years preceding the date of the license application, and who was not required to pass the NCEES PE Examination for initial licensure from the recognized jurisdiction the applicant was originally licensed.

(b) Professional Structural Engineer: An applicant for licensure as a professional structural engineer by endorsement shall comply with the examination requirements in Subsection R156-22-302d(2) except that the board may waive the NCEES FE Examination for an applicant who is a principal for five of the last seven years preceding the date of the license application and who was not required to pass the NCEES FE Examination for initial licensure from the recognized jurisdiction the applicant was originally licensed.

(c) Professional Land Surveyor: An applicant for licensure as a professional land surveyor by endorsement shall comply with the examination requirements in Subsection R156-22-302d(3) except that the board may waive either the NCEES FLS Examination or the NCEES PLS Examination or both to an applicant who is a principal for five of the last seven years preceding the date of the license application and who was not required to pass the NCEES FLS Examination or the PLS Examination for initial licensure from the recognized jurisdiction the applicant was originally licensed.

R156-22-304. Continuing Education for Professional Engineers, Professional Structural Engineers and Professional Land Surveyors.

In accordance with Subsection 58-22-303(2) and Section 58-22-304, the qualifying continuing professional education standards for professional engineers, professional structural engineers and professional land surveyors are established as follows:

(1) During each two year period ending on December 31 of each even numbered year, a licensed professional engineer, professional structural engineer and professional land surveyor shall be required to complete not less than 24 hours of qualified professional education directly related to the licensee's professional practice.

(2) The required number of hours of professional education for an individual who first becomes licensed during the two year period shall be decreased in a pro-rata amount equal to any part of that two year period preceding the date on which that individual first became licensed.

(3) Qualified continuing professional education under this section shall:

(a) have an identifiable clear statement of purpose and defined objective for the educational program directly related to the practice of a professional engineer, professional structural engineer, or professional land surveyor;

(b) be relevant to the licensee's professional practice;

(c) be presented in a competent, well organized and sequential manner consistent with the stated purpose and objective of the program;

(d) be prepared and presented by individuals who are qualified by education, training and experience; and

(e) have associated with it a competent method of registration of individuals who actually completed the professional education program and records of that registration and completion are available for review.

(4) Credit for qualified continuing professional education shall be recognized in accordance with the following:

(a) unlimited hours shall be recognized for professional education completed in blocks of time of not less than one hour in formally established classroom courses, seminars, or conferences;

(b) a maximum of 12 hours per two year period may be recognized for teaching in a college or university or for teaching qualified continuing professional education courses in the field of professional engineering, professional structural engineering or professional land surveying, provided it is the first time the material has been taught during the preceding 12 months;

(c) a maximum of four hours per two year period may be recognized for preparation of papers, articles, or books directly related to the practice of professional engineering, professional structural engineering or professional land surveying and submitted for publication; and

(d) a maximum of eight hours per two year period may be recognized at the rate of one hour for each hour served on committees or in leadership roles in any state, national or international organization for the development and improvement of the profession of professional engineering, professional structural engineering or professional land surveying but no more than four of the eight hours may be obtained from such activity in any one organization;

(e) unlimited hours may be recognized for continuing education that is provided via Internet or through home study courses provided the course verifies registration and participation in the course by means of a test which demonstrates that the participant has learned the material presented.

(5) A licensee shall be responsible for maintaining records of completed qualified continuing professional education for a period of four years after close of the two year period to which the records pertain. It is the responsibility of the licensee to maintain information with respect to qualified continuing professional education to demonstrate it meets the requirements under this section.

(6) If a licensee exceeds the 24 hours of qualified continuing professional education during the two year period, the licensee may carry forward a maximum of 12 hours of qualified continuing professional education into the next two year period.

(7) A licensee who documents they are engaged in full time activities or is subjected to circumstances which prevent that licensee from meeting the continuing professional education requirements established under this section may be excused from the requirement for a period of up to three years. However, it is the responsibility of the licensee to document the reasons and justify why the requirement could not be met.

(8) Any licensee who fails to timely complete the continuing education required by this rule shall be required to complete double the number of hours missed to be eligible for renewal or reinstatement of licensure.

(9) Any applicant for reinstatement who was not in compliance with the continuing education requirement at the time of the expiration of licensure shall be required to complete 24 hours of continuing education complying with this rule within two years prior to the date of application for reinstatement of licensure.

R156-22-305. Inactive Status.

(1) A person currently licensed and in good standing as a professional engineer, professional structural engineer or professional land surveyor may apply for a transfer of that license to inactive status if:

(a)(i) the licensee is at least 60 years of age;

(ii) the licensee is disabled; or

(iii) the division finds other good cause for believing that the licensee will not return to the practice as a professional engineer, professional structural engineer or professional land surveyor;

(b) the licensee makes application for transfer of status and registration and pays a registration fee determined by the department under Section 63J-1-303; and

(c) the licensee, on application for transfer, certifies that he will not engage in the practice for which a license is required while on inactive status.

(2) Each inactive license shall be issued in accordance with the two-year renewal cycle established by Section R156-1-308a.

(3) Inactive status licensees may not engage in practice for which a license is required.

(4) Inactive status licensees are not required to fulfill the continuing professional education under this rule.

(5) Each inactive status licensee is responsible for renewing his inactive license according to division procedures.

(6) An inactive status licensee may reinstate his license to active status by:

(a) submitting an application in a form prescribed by the division;

(b) paying a fee determined by the department under Section 63J-1-303; and

(c) showing evidence of having completed the continuing professional education requirement established in Subsection R156-22-304(9).

R156-22-501. Administrative Penalties - Unlawful Conduct.

In accordance with Subsections 58-1-501, 58-1-501(1)(a) through (d), 58-22-501 and 58-22-503, unless otherwise ordered by the presiding officer, the following fine schedule shall apply.

(1) Engaging in unlicensed practice or using any title that would cause a reasonable person to believe the user of the title is licensed under this chapter.

First Offense: $800

Second Offense: $1,600

(2) Engaging in, or representing oneself as engaged in the practice of professional engineering or land surveying as a corporation, proprietorship, partnership, or limited liability company unless exempted from licensure.

First Offense: $800

Second Offense: $1,600

(3) Impersonating another licensee or engaging in practice under this chapter using a false or assumed name, unless permitted by law.

First Offense: $1,000

Second Offense: $2,000

(4) Knowingly employing any person to practice under this chapter who is not licensed to do so.

First Offense: $1,000

Second Offense: $2,000

(5) Knowingly permits any person to use his or her license except as permitted by law.

First Offense: $1,000

Second Offense: $2,000

(6) Citations shall not be issued for third offenses, except in extraordinary circumstances approved by the investigative supervisor. If a citation is issued for a third offense, the fine is double the second offense amount, with a maximum amount not to exceed the maximum fine allowed under Subsection 58-22-

503(1)(i).

(7) If multiple offenses are cited on the same citation, the fine shall be determined by evaluating the most serious offense.

(8) An investigative supervisor may authorize a deviation from the fine schedule based upon the aggravating or mitigating circumstances.

(9) In all cases the presiding officer shall have the discretion, after a review of the aggravating and mitigating circumstances, to increase or decrease the fine amount based upon the evidence reviewed.

R156-22-502. Unprofessional Conduct.

"Unprofessional conduct" includes:

(1) submitting an incomplete final plan, specification, report or set of construction plans to:

(a) a client, when the licensee represents, or could reasonably expect the client to consider the plan, specification, report or set of construction plans to be complete and final; or

(b) to a building official for the purpose of obtaining a building permit;

(2) failing as a principal to exercise responsible charge;

(3) failing as a supervisor to exercise supervision of an employee, subordinate, associate or drafter; or

(4) failing to conform to the accepted and recognized standards and ethics of the profession including those stated in the "Model Rules of Professional Conduct" of the National Council of Examiners for Engineering and Surveying (NCEES), 1997, which is hereby incorporated by reference.

R156-22-601. Seal Requirements.

(1) In accordance with Section 58-22-601, all final plans, specifications, reports, maps, sketches, surveys, drawings, documents and plats prepared by the licensee or prepared under the supervision of the licensee, shall be sealed in accordance with the following:

(a) Each seal shall be a circular seal, 1-1/2 inches minimum diameter.

(b) Each seal shall include the licensee's name, license number, "State of Utah", and "Professional Engineer", "Professional Structural Engineer", or "Professional Land Surveyor" as appropriate.

(c) Each seal shall be signed and dated with the signature and date appearing across the face of each seal imprint.

(d) Each original set of final plans, specifications, reports, maps, sketches, surveys, drawings, documents and plats, as a minimum, shall have the original seal imprint, original signature and date placed on the cover or title sheet.

(e) A seal may be a wet stamp, embossed, or electronically produced.

(f) Copies of the original set of plans, specifications, reports, maps, sketches, surveys, drawings, documents and plats which contain the original seal, original signature and date is permitted, if the seal, signature and date is clearly recognizable.

(2) A person who qualifies for and uses the title of professional engineer intern is not permitted to use a seal.

KEY: engineers, surveyors, professional land surveyors, professional engineers

April 7, 2009 58-22-101

Notice of Continuation November 15, 2007 58-1-106(1)(a)

58-1-202(1)(a)

R156. Commerce, Occupational and Professional Licensing.
R156-31b. Nurse Practice Act Rule.
R156-31b-101. Title.

This rule is known as the "Nurse Practice Act Rule".

R156-31b-102. Definitions.

In addition to the definitions in Title 58, Chapters 1 and 31b, as defined or used in this rule:

(1) "Academic year", as used in Section R156-31b-601, means three quarters or two semesters or 900 clock hours. A quarter is defined to be equal to ten weeks and a semester is defined to be equal to 14 or 15 weeks.

(2) "Affiliated with an institution of higher education", as used in Subsection 58-31b-601(1), means the general and science education courses required as part of a nursing education program are provided by an educational institution which is approved by the Board of Regents or an equivalent governmental agency in another state or a private educational institution which is regionally accredited by an accrediting board recognized by the U.S. Department of Education; and the nursing program and the institution of higher education are affiliated with each other as evidenced by a written contract or memorandum of understanding.

(3) "APRN" means an advanced practice registered nurse.

(4) "APRN-CRNA" means an advanced practice registered nurse specializing and certified as a certified registered nurse anesthetist.

(5) "Approved continuing education" in Subsection R156-31b-303(3) means:

(a) continuing education that has been approved by a professional nationally recognized approver of health related continuing education;

(b) nursing education courses taken from an approved education program as defined in Subsection R156-31b-102(6); and

(c) health related course work taken from an educational institution accredited by a regional or national institutional accrediting body recognized by the U.S. Department of Education.

(6) "Approved education program" as defined in Subsection 58-31b-102(3) is further defined to include any nursing education program located within the state of Utah which meets the standards established in Sections R156-31b-601, 602 and 603; and any nursing education program located outside of Utah which meets the standards established in Section R156-31b-607.

(7) "CCNE" means the Commission on Collegiate Nursing Education.

(8) "CGFNS" means the Commission on Graduates of Foreign Nursing Schools.

(9) "COA", as used in this rule, means the Council of Accreditation of Nurse Anesthesia Education Programs.

(10) "Clinical preceptor", as used in Section R156-31b-608, means an individual who is employed by a clinical health care facility and is chosen by that agency, in collaboration with the Parent Nursing Education-Program, to provide direct, on-site supervision and direction to a nursing student who is engaged in a clinical rotation, and who is accountable to both the clinical agency and the supervisory clinical faculty member.

(11) "Comprehensive nursing assessment", as used in Section R156-31b-704, means an extensive data collection (initial and ongoing) for individuals, families, groups and communities addressing anticipated changes in patient conditions as well as emergent changes in patient's health status; recognizing alterations to previous patient conditions; synthesizing the biological, psychological, spiritual and social aspects of the patient's condition; evaluating the impact of nursing care; and using this broad and complete analysis to make independent decisions and identification of health care needs; plan nursing interventions, evaluate need for different interventions and the need to communicate and consult with other health team members.

(12) "Contact hour" means 60 minutes.

(13) "Delegatee", as used in Sections R156-31b-701 and 701a, means one or more competent persons receiving a delegation who acts in a complementary role to the delegating nurse, who has been trained appropriately for the task delegated, and whom the delegating nurse authorizes to perform a task that the delegates is not otherwise authorized to perform.

(14) "Delegation" means transferring to delegates the authority to perform a selected nursing task in a selected situation. The delegating nurse retains accountability for the delegation.

(15) "Delegator", as used in Sections R156-31b-701 and 701a, means the nurse making the delegation.

(16) "Diabetes medical management plan (DMMP), as used in this rule, means an individualized plan that describes the health care services that the student is to receive at school. The plan is developed and signed by the student's parent or guardian and health care team. It provides the school with information regarding how the student will manage diabetes at school on a daily basis. The DMMP shall be incorporated into and shall become a part of the student's IHP.

(17) "Direct supervision" is the supervision required in Subsection 58-31b-306(1)(a)(iii) and means:

(a) the person providing supervision shall be available on the premises at which the supervisee is engaged in practice; or

(b) if the supervisee is specializing in psychiatric mental health nursing, the supervisor may be remote from the supervisee if there is personal direct voice communication between the two prior to prescribing a prescription drug.

(18) "Disruptive behavior", as used in this rule, means conduct, whether verbal or physical, that is demeaning, outrageous, or malicious and that places at risk patient care or the process of delivering quality patient care. Disruptive behavior does not include criticism that is offered in good faith with the aim of improving patient care.

(19) "Equivalent to an approved practical nursing education program", as used in Subsection 58-31b-302(2)(e), means the applicant for licensure as an LPN by equivalency is currently enrolled in an RN education program with full approval status, and has completed course work which is equivalent to the course work of an NLNAC accredited practical nursing program.

(20) "Focused nursing assessment", as used in Section R156-31b-703, means an appraisal of an individual's status and situation at hand, contributing to the comprehensive assessment by the registered nurse, supporting ongoing data collection and deciding who needs to be informed of the information and when to inform.

(21) "Individualized healthcare plan (IHP), as used in Section R156-31b-701a, means a plan for managing the health needs of a specific student, written and reviewed at least annually by a school nurse. The IHP is developed by a nurse working in a school setting in conjunction with the student and the student's parent or guardian to guide school personnel in the care of a student with medical needs. The plan shall be based on the student's practitioner's orders for the administration of medications or treatments for the student, or the student's DMMP.

(22) "Licensure by equivalency" as used in this rule means licensure as a licensed practical nurse after successful completion of course work in a registered nurse program which meets the criteria established in Sections R156-31b-601 and R156-31b-603.

(23) "LPN" means a licensed practical nurse.

(24) "MA-C" means a medication aide - certified.

(25) "Medication", as used in Sections R156-31b-701 and

701a, means any prescription or nonprescription drug as defined in Subsections 58-17b-102(39) and (61) of the Pharmacy Practice Act.

(26) "NLNAC" means the National League for Nursing Accrediting Commission.

(27) "NCLEX" means the National Council Licensure Examination of the National Council of State Boards of Nursing.

(28) "Non-approved education program" means any foreign nurse education program.

(29) "Nurse", as used in this rule, means an individual licensed under Title 58, Chapter 31b as a licensed practical nurse, registered nurse, advanced practice registered nurse, or advanced practice registered nurse-certified registered nurse anesthetist, or a certified nurse midwife licensed under Title 58, Chapter 44a.

(30) "Nurse accredited", as used in this rule, means accreditation issued by NLNAC, CCNE or COA.

(31) "Other specified health care professionals", as used in Subsection 58-31b-102(15), who may direct the licensed practical nurse means:

(a) advanced practice registered nurse;

(b) certified nurse midwife;

(c) chiropractic physician;

(d) dentist;

(e) osteopathic physician;

(f) physician assistant;

(g) podiatric physician;

(h) optometrist;

(i) naturopathic physician; or

(j) mental health therapist as defined in Subsection 58-60-102(5).

(32) "Parent academic institution", as used in this rule, means the educational institution which grants the academic degree or awards the certificate of completion.

(33) "Parent nursing education-program", as used in Section R156-31b-607, means a nationally accredited, Board of Nursing approved nursing education program that is providing nursing education (didactic, clinical or both) to a student and is responsible for the education program curriculum, and program and student policies.

(34) "Patient", as used in this rule, means a recipient of nursing care and includes students in a school setting or clients of a health care facility, clinic, or practitioner.

(35) "Patient surrogate", as used in Subsection R156-31b-502(1)(d), means an individual who has legal authority to act on behalf of the patient when the patient is unable to act or decide for himself, including a parent, foster parent, legal guardian, or a person designated in a power of attorney.

(36) "Psychiatric mental health nursing specialty", as used in Subsection 58-31b-302(4)(g), includes psychiatric mental health nurse specialists and psychiatric mental health nurse practitioners.

(37) "Practitioner", as used in Sections R156-31b-701 and 701a, means a person authorized by law to prescribe treatment, medication, or medical devices, and who acts within the scope of such authority.

(38) "RN" means a registered nurse.

(39) "School", as used in Section R156-31b-701a, means any private or public institution of primary or secondary education, including charter schools, pre-school, kindergarten, and special education programs.

(40) "Supervision", as used in this rule, means the provision of guidance and review by a licensed nurse for the accomplishment of a nursing task or activity, including the provision for the initial direction of the task, periodic inspection of the actual act of accomplishing the task or activity, and evaluation of the outcome.

(41) "Supervisory clinical faculty", as used in Section R156-31b-608, means one or more individuals employed by an approved nursing education program who meet the accreditation and Board of Nursing specific requirements to be a faculty member and are responsible for the overall clinical experiences of nursing students and may supervise and coordinate clinical preceptors who provide the actual direct clinical experience.

(42) "Unprofessional conduct" as defined in Title 58, Chapters 1 and 31b, is further defined in Section R156-31b-502.

R156-31b-103. Authority - Purpose.

This rule is adopted by the division under the authority of Subsection 58-1-106(1)(a) to enable the division to administer Title 58, Chapter 31b.

R156-31b-104. Organization - Relationship to Rule R156-1.

The organization of this rule and its relationship to Rule R156-1 is as described in Section R156-1-107.

R156-31b-201. Board of Nursing - Membership.

In accordance with Subsection 58-31b-201(1), nurses serving as members of the Board shall be:

(1) six registered nurses, two of whom are actively involved in nursing education;

(2) one licensed practical nurse; and

(3) two advanced practice registered nurses.

R156-31b-202. Advisory Peer Committee created - Membership - Duties.

(1) In accordance with Subsection 58-1-203(1)(f), there is created the Psychiatric Mental Health Nursing Peer Committee and the Nursing Education Peer Committee.

(2) Psychiatric Mental Health Nursing Peer Committee.

(a) The duties and responsibilities of the Psychiatric Mental Health Nursing Peer Committee are to:

(i) review applications for licensure as an APRN specializing in psychiatric mental health nursing when appropriate; and

(ii) advise the board and division regarding practice issues.

(b) The composition of the Psychiatric Mental Health Nursing Peer Committee shall be:

(i) three APRNs specializing in psychiatric mental health nursing;

(ii) at least one member shall be a faculty member actively teaching in a psychiatric mental health nursing program; and

(iii) at least one member shall be actively participating in the supervision of an APRN intern.

(3) Nursing Education Peer Committee.

(a) The duties and responsibilities of the Nursing Education Peer Committee are to:

(i) review applications for approval of nursing education programs;

(ii) advise the board and division regarding standards for approval of nursing education programs; and

(iii) assist the board and division to conduct site visits of nursing education programs.

(b) The composition of the Nursing Education Peer Committee shall be:

(i) five RNs or APRNs actively involved in nursing education; and

(ii) members of the board may also serve on this committee.

R156-31b-301. License Classifications - Professional Upgrade.

Upon issuance and receipt of an increased scope of practice license, the increased licensure supersedes the lesser license which shall automatically expire and must be immediately destroyed by the licensee.

R156-31b-302a. Qualifications for Licensure - Education Requirements.

In accordance with Sections 58-31b-302(2)(e) and 58-31b-303, the education requirements for licensure are defined as follows:

(1) Applicants for licensure as a LPN by equivalency shall submit written verification from a registered nurse education program with full approval status, verifying the applicant is currently enrolled and has completed course work which is equivalent to the course work of an NLNAC accredited practical nurse program.

(2) Applicants from foreign education programs who are not currently licensed in another state shall submit a credentials evaluation report from one of the following credentialing services which verifies that the program completed by the applicant is equivalent to an approved practical nurse or registered nurse education program.

(a) Commission on Graduates of Foreign Nursing Schools for an applicant who is applying for licensure as a registered nurse; or

(b) Foundation for International Services, Inc. for an applicant who is applying for licensure as a licensed practical nurse.

R156-31b-302b. Qualifications for Licensure - Experience Requirements for APRNs Specializing in Psychiatric Mental Health Nursing.

(1) In accordance with Subsection 58-31b-302(4)(g), the supervised clinical practice in mental health therapy and psychiatric and mental health nursing shall consist of a minimum of 4,000 hours of psychiatric mental health nursing education and clinical practice (including mental health therapy).

(a) 1,000 hours shall be credited for completion of clinical experience in an approved education program in psychiatric mental health nursing.

(b) The remaining 3,000 hours shall:

(i) include a minimum of 1,000 hours of mental health therapy and one hour of face to face supervision for every 20 hours of mental therapy services provided;

(ii) be completed while an employee, unless otherwise approved by the board and division, under the supervision of an approved supervisor; and

(iii) be completed under a program of supervision by a supervisor who meets the requirements under Subsection (3).

(c) At least 2,000 hours must be under the supervision of an APRN specializing in psychiatric mental health nursing. An APRN working in collaboration with a licensed mental health therapist may delegate selected clinical experiences to be supervised by that mental health therapist with general supervision by the APRN.

(2) An applicant who has obtained all or part of the clinical practice hours outside of the state, may receive credit for that experience if it is demonstrated by the applicant that the training completed is equivalent to and in all respects meets the requirements under this section.

(3) An approved supervisor shall verify practice as a licensee engaged in the practice of mental health therapy for not less than 4,000 hours in a period of not less than two years.

(4) Duties and responsibilities of a supervisor include:

(a) being independent from control by the supervisee such that the ability of the supervisor to supervise and direct the practice of the supervisee is not compromised;

(b) supervising not more than three supervisees unless otherwise approved by the division in collaboration with the board; and

(c) submitting appropriate documentation to the division with respect to all work completed by the supervisee, including the supervisor's evaluation of the supervisee's competence to practice.

(5) An applicant for licensure by endorsement as an APRN specializing in psychiatric mental health nursing under the provisions of Section 58-1-302 shall demonstrate compliance with the clinical practice in psychiatric and mental health nursing requirement under Subsection 58-31b-302(4)(g) by demonstrating that the applicant has successfully engaged in active practice in psychiatric mental health nursing for not less than 4,000 hours in the three years immediately preceding the application for licensure.

R156-31b-302c. Qualifications for Licensure - Examination Requirements.

(1) An applicant for licensure under Title 58, Chapter 31b shall pass the applicable licensure examination within three years from the date of completion or graduation from a nursing education program or four attempts whichever is sooner. An individual who does not pass the applicable licensure examination within three years of completion or graduation or four attempts is required to complete another approved nursing education program.

(2) In accordance with Section 58-31b-302, the examination requirements for graduates of approved nursing programs are as follows.

(a) An applicant for licensure as an LPN or RN shall pass the applicable NCLEX examination.

(b) An applicant for licensure as an APRN shall pass one of the following national certification examinations consistent with the applicant's educational specialty:

(i) one of the following examinations administered by the American Nurses Credentialing Center Certification:

(A) Adult Nurse Practitioner;

(B) Family Nurse Practitioner;

(C) Pediatric Nurse Practitioner;

(D) Gerontological Nurse Practitioner;

(E) Acute Care Nurse Practitioner;

(F) Clinical Specialist in Medical-Surgical Nursing;

(G) Clinical Specialist in Gerontological Nursing;

(H) Clinical Specialist in Adult Psychiatric and Mental Health Nursing;

(I) Clinical Specialist in Child and Adolescent Psychiatric and Mental Health Nursing; or

(J) Psychiatric and Mental Health Nurse Practitioner (Adult and Family);

(ii) Pediatric Nursing Certification Board;

(iii) American Academy of Nurse Practitioners;

(iv) the National Certification Corporation for the Obstetric, Gynecologic and Neonatal Nursing Specialties;

(v) the Oncology Nursing Certification Corporation Advanced Oncology Certified Nurse if taken on or before July 1, 2005;

(vi) one of the following examinations administered by the American Association of Critical Care Nurses Certification Corporation Inc.:

(A) the Advanced Practice Certification for the Clinical Nurse Specialist in Acute and Critical Care; or

(B) the Acute Care Nurse Practitioner Certification;

(vii) the national certifying examination administered by the American Midwifery Certification Board, Inc.; or

(viii) the examination of the Council on Certification of Nurse Anesthetists.

(3) In accordance with Section 58-31b-303, an applicant for licensure as an LPN or RN from a non-approved nursing program shall pass the applicable NCLEX examination.

(4)(a) An applicant for certification as an MA-C shall pass the Utah Medication Aide Certification Examination with a score of 75% of greater; and

(b) the certification examination must be taken within six months of completion of the approved training program and

cannot be taken more than two times without repeating an approved training program.

(5) The examinations required under this Section are national exams and cannot be challenged before the Division.

R156-31b-302d. Qualifications for Licensure - Criminal Background Checks.

(1) In accordance with Subsection 58-31b-302(5), an applicant for licensure under this chapter who is applying for licensure from a foreign country shall meet the fingerprint requirement by submitting:

(a) a visa issued within six months of making application to Utah; or

(b) a copy of a criminal background check from the country in which the applicant has immigrated, provided the check was completed within six months of making application to Utah.

R156-31b-303. Renewal Cycle - Procedures.

(1) In accordance with Subsection 58-1-308(1), the renewal date for the two year renewal cycle applicable to licensees under Title 58, Chapter 31b, is established by rule in Section R156-1-308.

(2) Renewal procedures shall be in accordance with Section R156-1-308.

(3) Each applicant for renewal shall comply with the following continuing competence requirements:

(a) An LPN or RN shall complete one of the following during the two years immediately preceding the application for renewal:

(i) licensed practice for not less than 400 hours;

(ii) licensed practice for not less than 200 hours and completion of 15 contact hours of approved continuing education; or

(iii) completion of 30 contact hours of approved continuing education hours.

(b) An APRN shall complete the following:

(i) be currently certified or recertified in their specialty area of practice; or

(ii) if licensed prior to July 1, 1992, complete 30 hours of approved continuing education and 400 hours of practice.

(c) An MA-C shall complete eight contact hours of approved continuing education related to medications or medication administration during the two years immediately preceding the application for renewal.

R156-31b-304. Temporary Licensure.

A temporary license issued in accordance with Section 58-1-303 to a graduate of a foreign nursing education program may be issued for a period of time not to exceed one year from the date of issuance and shall not be renewed or extended.

R156-31b-306. Inactive Licensure, Reinstatement or Relicensure.

(1) In accordance with Subsection 58-1-305(1), an individual seeking activation of an inactive RN or LPN license must document current competency to practice as a nurse as defined in Subsection (3) below.

(2) An individual seeking reinstatement of RN or LPN licensure or relicensure as a RN or LPN in accordance with Subsection R156-1-308g(3)(b), R156-1-308i(3), R156-1-308j(3) and R156-1-308k(2)(c) shall document current competence as defined in Subsection (3) below.

(3) Documentation of current competency to practice as a nurse is established as follows:

(a) an individual who has not practiced as a nurse for five years or less must document current compliance with the continuing competency requirements as established in Subsection R156-31b-303(3);

(b) an individual who has not practiced as a nurse for more than five years but less than eight years must pass the required examinations as defined in Section R156-31b-302c within six months prior to making application for licensure or successfully complete an approved re-entry program;

(c) an individual who has not practiced as a nurse for more than eight years but less than 10 years must pass the required examinations as defined in Section R156-31b-302c within six months prior to making application for licensure and successfully complete an approved re-entry program;

(d) an individual who has not practiced as a nurse for 10 years shall repeat an approved nursing education program and pass the required examinations as defined in Section R156-31b-302c within six months prior to making application for licensure.

(4) To document current competency for activation, reinstatement or relicensure as an APRN, an individual must pass the required examinations as defined in Section R156-31b-302c and be currently certified or recertified in the specialty area.

R156-31b-307. Reinstatement of Licensure.

(1) In accordance with Section 58-1-308 and Subsection R156-1-308g(3)(b), an applicant for reinstatement of a license which has been expired for five years or less, shall document current compliance with the continuing competency requirements as established in Subsection R156-31b-303(3).

(2) The Division may waive the reinstatement fee for an individual who was licensed in Utah and moved to a Nurse Licensure Compact party state, who later returns to reside in Utah.

R156-31b-308. Exemption from Licensure.

In accordance with Subsections 58-1-307(1) and 58-31b-308(1)(a), an individual who provides up to 48 consecutive hours of respite care for a family member, with or without compensation, is exempt from licensure.

R156-31b-309. Intern Licensure.

(1) In accordance with Section 58-31b-306, an intern license shall expire the earlier of:

(a) 180 days from the date of issuance, unless the applicant is applying for licensure as an APRN specializing in psychiatric mental health nursing, then the intern license shall be issued for a period of one year and can be extended in one year increments not to exceed five years;

(b) 30 days after notification from the applicant or the examination agency, if the applicant fails the examination; or

(c) upon issuance of an APRN license.

(2) Regardless of the provisions of Subsection (1) of this section, the division in collaboration with the board may extend the term of any intern license upon a showing of extraordinary circumstances beyond the control of the applicant.

(3) It is the professional responsibility of the APRN Intern to inform the Division of examination results within ten calendar days of receipt and to cause to have the examination agency send the examination results directly to the Division.

R156-31b-310. Licensure by Endorsement.

(1) In accordance with Section 58-1-302, an individual who moves from a Nurse Licensure Compact party state does not need to hold a current license, but the former home state license must have been in good standing at the time of expiration.

(2) An individual under Subsection (1) who has not been licensed or practicing nursing for three years or more is required to retake the licensure examination to demonstrate good standing within the profession.

(3) An applicant for licensure by endorsement must have

a current, active license in another state, or pass the required examinations as defined in Section R156-31b-302c, within six months prior to making application for licensure.

R156-31b-401. Disciplinary Proceedings.

(1) An individual licensed as a LPN who is currently under disciplinary action and qualifies for licensure as an RN may be issued an RN license under the same restrictions as the LPN.

(2) A nurse whose license is suspended, may under Subsection 58-31b-401 petition the division at any time that the licensee can demonstrate that the licensee can resume competent practice.

(3) An individual who has had any license issued under Title 58, Chapter 31b revoked or surrendered two times or more as a result of unlawful or unprofessional conduct is ineligible to apply for relicensure.

R156-31b-402. Administrative Penalties.

In accordance with Subsections 58-31b-102(1) and 58-31b-402(1), unless otherwise ordered by the presiding officer, the following fine schedule shall apply.

(1) Using a protected title:
initial offense: $100 - $300
subsequent offense(s): $250 - $500

(2) Using any title that would cause a reasonable person to believe the user is licensed under this chapter:
initial offense: $50 - $250
subsequent offense(s): $200 - $500

(3) Conducting a nursing education program in the state for the purpose of qualifying individuals for licensure without board approval:
initial offense: $1,000 - $3,000
subsequent offense(s): $5,000 - $10,000

(4) Practicing or attempting to practice nursing without a license or with a restricted license:
initial offense: $500 - $2,000
subsequent offense(s): $2,000 - $10,000

(5) Impersonating a licensee, or practicing under a false name:
initial offense: $500 - $2,000
subsequent offense(s): $2,000 - $10,000

(6) Knowingly employing an unlicensed person:
initial offense: $500 - $1,000
subsequent offense(s): $1,000 - $5,000

(7) Knowingly permitting the use of a license by another person:
initial offense: $500 - $1,000
subsequent offense(s): $1,000 - $5,000

(8) Obtaining a passing score, applying for or obtaining a license, or otherwise dealing with the division or board through the use of fraud, forgery, intentional deception, misrepresentation, misstatement, or omission:
initial offense: $500 - $2,000
subsequent offense(s): $2,000 - $10,000

(9) violating or aiding or abetting any other person to violate any statute, rule, or order regulating nursing:
initial offense: $500 - $2,000
subsequent offense(s): $2,000 - $10,000

(10) violating, or aiding or abetting any other person to violate any generally accepted professional or ethical standard:
initial offense: $500 - $2,000
subsequent offense(s): $2,000 - $10,000

(11) Engaging in conduct that results in convictions of, or a plea of nolo contendere, or a plea of guilty or nolo contendere held in abeyance to a crime of moral turpitude or other crime:
initial offense: $500 - $2,000
subsequent offense(s): $2,000 - $10,000

(12) Engaging in conduct that results in disciplinary action by any other jurisdiction or regulatory authority:
initial offense: $100 - $500
subsequent offense(s): $200 - $1,000

(13) Engaging in conduct, including the use of intoxicants, drugs to the extent that the conduct does or may impair the ability to safely engage in practice as a nurse:
initial offense: $100 - $500
subsequent offense(s): $200 - $1,000

(14) Practicing or attempting to practice as a nurse when physically or mentally unfit to do so:
initial offense: $100 - $500
subsequent offense(s): $200 - $1,000

(15) Practicing or attempting to practice as a nurse through gross incompetence, gross negligence, or a pattern of incompetency or negligence:
initial offense: $500 - $2,000
subsequent offense(s): $2,000 - $10,000

(16) Practicing or attempting to practice as a nurse by any form of action or communication which is false, misleading, deceptive, or fraudulent:
initial offense: $100 - $500
subsequent offense(s): $200 - $1,000

(17) Practicing or attempting to practice as a nurse beyond the individual's scope of competency, abilities, or education:
initial offense: $100 - $500
subsequent offense(s): $200 - $1,000

(18) Practicing or attempting to practice as a nurse beyond the scope of licensure:
initial offense: $100 - $500
subsequent offense(s): $200 - $1,000

(19) Verbally, physically, mentally, or sexually abusing or exploiting any person through conduct connected with the licensee's practice:
initial offense: $100 - $500
subsequent offense(s): $200 - $1,000

(20) Failure to safeguard a patient's right to privacy:
initial offense: $100 - $500
subsequent offense(s): $200 - $1,000

(21) Failure to provide nursing service in a manner that demonstrates respect for the patient's human dignity:
initial offense: $100 - $500
subsequent offense(s): $200 - $1,000

(22) Engaging in sexual relations with a patient:
initial offense: $5,000 - $10,000
subsequent offense(s): $10,000

(23) Unlawfully obtaining, possessing, or using any prescription drug or illicit drug:
initial offense: $200 - $1,000
subsequent offense(s): $500 - $2,000

(24) Unauthorized taking or personal use of nursing supplies from an employer:
initial offense: $100 - $500
subsequent offense(s): $200 - $1,000

(25) Unauthorized taking or personal use of a patient's personal property:
initial offense: $200 - $1,000
subsequent offense(s): $500 - $2,000

(26) Knowingly entering false or misleading information into a medical record or altering a medical record:
initial offense: $100 - $500
subsequent offense(s): $200 - $1,000

(27) Unlawful or inappropriate delegation of nursing care:
initial offense: $100 - $500
subsequent offense(s): $200 - $1,000

(28) Failure to exercise appropriate supervision:
initial offense: $100 - $500
subsequent offense(s): $200 - $1,000

(29) Employing or aiding and abetting the employment of unqualified or unlicensed person to practice:
initial offense: $100 - $500

subsequent offense(s): $200 - $1,000

(30) Failure to file or impeding the filing of required reports:

initial offense: $100 - $500

subsequent offense(s): $200 - $1,000

(31) Breach of confidentiality:

initial offense: $200 - $1,000

subsequent offense(s): $500 - $2,000

(32) Failure to pay a penalty:

Double the original penalty amount up to $10,000

(33) Prescribing a schedule II-III controlled substance without a consulting physician or outside of a consultation and referral plan:

initial offense: $500 - $1,000

subsequent offense(s): $500 - $2,000

(34) Failure to confine practice within the limits of competency:

initial offense: $500 - $1,000

subsequent offense(s): $500 - $2,000

(35) Any other conduct which constitutes unprofessional or unlawful conduct:

initial offense: $100 - $500

subsequent offense(s): $200 - $1,000

(36) Engaging in a sexual relationship with a patient surrogate:

initial offense: $1,000 - $5,000

subsequent offense(s): $5,000 - $10,000

(37) Engaging in practice in a disruptive manner:

initial offense: $100 - $500

subsequent offense(s): $200 - $1,000.

R156-31b-502. Unprofessional Conduct.

(1) "Unprofessional conduct" includes:

(a) failing to destroy a license which has expired due to the issuance and receipt of an increased scope of practice license;

(b) a RN issuing a prescription for a prescription drug to a patient except in accordance with the provisions of Section 58-17b-620, or as may be otherwise provided by law;

(c) failing as the nurse accountable for directing nursing practice of an agency to verify any of the following:

(i) that standards of nursing practice are established and carried out so that safe and effective nursing care is provided to patients;

(ii) that guidelines exist for the organizational management and management of human resources needed for safe and effective nursing care to be provided to patients;

(iii) nurses' knowledge, skills and ability and determine current competence to carry out the requirements of their jobs;

(d) engaging in sexual contact with a patient surrogate concurrent with the nurse/patient relationship unless the nurse affirmatively shows by clear and convincing evidence that the contact:

(i) did not result in any form of abuse or exploitation of the surrogate or patient; and

(ii) did not adversely alter or affect in any way:

(A) the nurse's professional judgment in treating the patient;

(B) the nature of the nurse's relationship with the surrogate; or

(C) the nurse/patient relationship; and

(e) engaging in disruptive behavior in the practice of nursing.

(2) In accordance with a prescribing practitioner's order and an IHP, a nurse who follows the delegation rule as provided in Sections R156-31b-701 and R156-31b-701a and delegates or trains an unlicensed assistive personnel to administer medications under Sections 53A-11-601, R156-31b-701 and R156-31b-701a shall not be considered to have engaged in unprofessional conduct for inappropriate delegation.

R156-31b-601. Standards for Parent Academic Institution Offering Nursing Education Program.

In accordance with Subsection 58-31b-601(2), the minimum standards that a parent academic institution offering a nursing education program must meet to qualify graduates for licensure under this chapter are as follows.

(1) The parent academic institution shall be legally authorized by the State of Utah to provide a program of education beyond secondary education.

(2) The parent academic institution shall admit as students only persons having a certificate of graduation from a school providing secondary education or the recognized equivalent of such a certificate.

(3) At least 10 percent of the parent academic institution's revenue shall be from sources that are not derived from funds provided under title IV, HEA program funds or student fees, including tuition if a proprietary school.

(4) In addition to the standards established in Subsections (1), (2), and (3) above, a parent education institution offering a nursing education program leading toward licensure as an LPN shall:

(a) be accredited or preaccredited by a regional or national professional accrediting body approved by the U.S. Department of Education, and recognized by the nurse accrediting body from which the nursing program will seek nurse accreditation; and

(b) provide not less than one academic year program of study that leads to a certificate or recognized educational credential.

(5) In addition to the standards established in Subsections (1), (2), and (3) above, a parent education institution offering a nursing education program leading toward licensure as an RN shall:

(a) be accredited or preaccredited by a regional or national professional accrediting body approved by the U.S. Department of Education, and recognized by the nurse accrediting body from which the nursing program will seek nurse accreditation; and

(b) provide or require not less than a two academic year program of study that awards a minimum of an associate degree.

(6) In addition to the standards established in Subsections (1), (2), and (3) above, a parent education institution offering a nursing education program leading toward licensure as an APRN or APRN-CRNA shall:

(a) be accredited or preaccredited by a regional or national professional accrediting body approved by the U.S. Department of Education and recognized by the nurse accrediting body from which the nursing program will seek nurse accreditation;

(b) admit as students, only persons having completed at least an associate degree in nursing or baccalaureate degree in a related discipline; and

(c) provide or require not less than a two academic year program of study that awards a minimum of a master's degree.

R156-31b-602. Categories of Nursing Education Programs Approval Status.

(1) Full approval status of a nursing program shall be granted and maintained by adherence to the following:

(a) current accreditation by the NLNAC, CCNE, or COA; and

(b) compliance with the standards established in Sections R156-31b-601 and 603 and the nurse accrediting body in which the program chooses to become accredited.

(2) The Division may place on probationary approval status a nursing education program for a period not to exceed three years provided the program:

(a) is located or available within the state;

(b) is found to be out of compliance with the standards for approval to the extent that the ability of the program to

competently educate nursing students is impaired; and

(c) provides a plan of correction which is reasonable and includes an adequate safeguard of the student and public.

(3) The Division may grant provisional approval status to a nursing education program for a period not to exceed two years after the date of the first graduating class, provided the program:

(a) is located or available within the state;

(b) is newly organized;

(c) meets all standards established in Sections R156-31b-601 and 603; and

(d) is progressing in a timely manner to qualify for full approval status by obtaining accreditation from a nurse accrediting body.

(4)(a) A nursing education program seeking accreditation from NLNAC shall demonstrate progression toward accreditation and qualifying for full approval status by becoming a Candidate for Accreditation by the NLNAC no later than six months from the date of the first day a nursing course is offered.

(b) A program that fails to obtain NLNAC Candidacy Status as required in this Subsection shall:

(i) immediately cease accepting any new students;

(ii) the approval status of the program shall be changed to "Probationary" and if the program fails to become a Candidate for NLNAC accreditation within one year from the date of the first day a nursing course is offered, the program shall cease operation at the end of the current academic term such as at the end of the current semester or quarter; and

(iii) a nursing education program that ceases operation under this Subsection, is eligible to submit a new application for approval status of a nursing education program to the Division for review and action no sooner than one calendar year from the date the program ceased operation.

(5) A nursing education program that has been granted provisional approval status and fails to become accredited by a nurse accrediting body within two years of the first graduating class, shall cease operation at the end of the two year period of time and the academic term, such as a semester or quarter, of that time period.

(6) After receiving notification from a nurse accrediting body of a failed site visit or denied application for accreditation by the nurse accrediting body, a nursing education program on provisional approval status shall:

(i) notify the Division and Board within 10 days of being notified of the failed site visit or denied application for accreditation;

(ii) cease operation at the end of the current academic term; and

(iii) be eligible to submit a new application for approval status of a nursing education program to the Division for review and action no sooner than one calendar year from the date the program ceased operation.

(7)(a) A nursing education program on provisional approval status shall schedule a nurse accreditation site visit no later than one calendar year from the graduation date of the first graduating class.

(b) A program that fails to schedule a site visit within one year of the first graduating class shall:

(i) cease to accept any new students;

(ii) no later than two years after the first graduating class, cease operation; and

(iii) if ceasing operation under this Subsection, be eligible to submit a new application for approval status of a nursing education program to the Division for review and action no sooner than one calendar year from the date the program ceased operation.

R156-31b-603. Nursing Education Program Standards.

In accordance with Subsection 58-31b-601(2), the minimum standards that a nursing education program must meet to qualify graduates for licensure under this chapter are set forth as follows.

(1) A nursing education program shall meet the following standards:

(a) purposes and outcomes shall be consistent with the Nurse Practice Act and Rule and other relevant state statutes;

(b) purposes and outcomes shall be consistent with generally accepted standards of nursing practice appropriate for graduates of the type of nursing program offered;

(c) consumer input shall be considered in developing and evaluating the purpose and outcomes of the program;

(d) the program shall implement a comprehensive, systematic plan for ongoing evaluation that is based on program outcomes and incorporates continuous improvement;

(e) the curriculum shall provide diverse, integrated didactic and clinical learning experiences across the lifespan, consistent with program outcomes;

(f) the faculty and students shall participate in program planning, implementation, evaluation, and continuous improvement;

(g) the nursing program administrator shall be professionally and academically qualified as a registered nurse with institutional authority and administrative responsibility for the program;

(h) professionally and academically qualified nurse faculty shall be sufficient in number and expertise to accomplish program outcomes and quality improvement;

(i) fiscal, human, physical, clinical and technical learning resources shall be adequate to support program processes, security and outcomes;

(j) program information communicated by the nursing program shall be fair, accurate, complete, consistent, and readily available;

(k) the program shall meet all the criteria established in this rule;

(l) the program shall be an integral part of a parent academic institution which is accredited by an accrediting body that is recognized by the U.S. Secretary of Education; and

(m) the program shall require students to obtain general education, pre-requisite, and co-requisites courses from a regionally accredited institution of higher education, or have in place an articulation agreement with a regionally accredited institution of higher education; a current approved program has until January 1, 2010 to come into compliance with this standard.

(2) A comprehensive nursing education program evaluation shall be performed annually for quality improvement and shall include but not be limited to:

(a) students' achievement of program outcomes;

(b) evidence of adequate program resources including fiscal, physical, human, clinical and technical learning resources, and the availability of clinical sites and the viability of those sites to meet the objectives of the program;

(c) multiple measures of program outcomes for graduates such as NCLEX pass rate, student and employer survey, and successful completion of national certification programs;

(d) evidence that accurate program information for consumers is readily available;

(e) evidence that the head of the academic institution and the administration support program outcomes;

(f) evidence that the program administrator and program faculty meet board qualifications and are sufficient to achieve program outcomes; and

(g) evidence that the academic institution assures security of student information.

(3) The curriculum of the nursing education program shall enable the student to develop the nursing knowledge, skills and competencies necessary for the level, scope and standards of

nursing practice consistent with the level of licensure. The curriculum shall include:

(a) content regarding legal and ethical issues, history and trends in nursing and health care, and professional responsibilities;

(b) experiences that promote the development of leadership and management skills and professional socialization consistent with the level of licensure, including the demonstration of the ability to supervise others and provide leadership of the profession;

(c) learning experiences and methods of instruction, including distance education methods, consistent with the written curriculum plan;

(d) coursework including, but not limited to:

(i) content in the biological, physical, social and behavioral sciences to provide a foundation for safe and effective nursing practice;

(ii) didactic content integrated with supervised clinical experience in the prevention of illness and the promotion, restoration, and maintenance of health in patients across the life span and in a variety of clinical settings, to include:

(A) using informatics to communicate, manage knowledge, mitigate error and support decision making;

(B) employing evidence-based practice to integrate best research with clinical expertise and patient values for optimal care, including skills to identify and apply best practices to nursing care;

(C) providing patient-centered, culturally competent care:

(1) respecting patient differences, values, preferences and expressed needs;

(2) involving patients in decision-making and care management;

(3) coordinating and managing continuous patient care; and

(4) promoting healthy lifestyles for patients and populations;

(D) working in interdisciplinary teams to cooperate, collaborate, communicate and integrate patient care and health promotion; and

(E) participating in quality improvement processes to measure patient outcomes, identify hazards and errors, and develop changes in processes of patient care;

(e) supervised clinical practice which includes development of skill in making clinical judgments, management and care of groups of patients, experience with interdisciplinary teamwork, working with families in the provision of care, managing crisis situations, and delegation to and supervision of other health care providers:

(i) clinical experience shall be comprised of sufficient hours, shifts, variety of populations, and hands-on practice to meet these standards, and ensure students' ability to practice at an entry level;

(ii) no more than 25% of the clinical hours can be obtained in a nursing skills laboratory, or by clinical simulation or virtual clinical excursions;

(iii) all student clinical experiences, including those with preceptors, shall be supervised by qualified nursing faculty at a ratio of not more than 10 students to one faculty member unless the experience includes students working with preceptors who can be supervised at a ratio of not more than 15 students to one faculty member; and

(iv) nursing faculty, must be on-site with students during all fundamental, medical-surgical and acute care clinical experiences;

(f)(i) clinical preceptors may be used to enhance faculty-directed clinical learning experiences after a student has completed didactic and clinical instruction in all foundational courses including introduction to nursing, fundamentals, medical-surgical, obstetrics, and pediatrics. Therefore, clinical preceptors shall not be utilized in LPN nursing programs.

(ii) a clinical preceptor shall:

(A) demonstrate competencies related to the area of assigned clinical teaching responsibilities;

(B) serve as a role model and educator to the student;

(C) be licensed as a nurse at or above the level for which the student is preparing;

(D) not be used to replace clinical faculty;

(F) be provided with a written document defining the functions and responsibilities of the preceptor;

(G) confer with the clinical faculty member and student for monitoring and evaluating learning experiences, but the clinical faculty member shall retain responsibility for student learning; and

(H) not supervise more than two students during any one scheduled work time or shift; and

(g) delivery of instruction by distance education methods must be consistent with the program curriculum plan and enable students to meet the goals, competencies and objectives of the educational program and standards of the division.

(4) Students rights and responsibilities:

(a) opportunities to acquire and demonstrate the knowledge, skills and abilities for safe and effective nursing practice, in theory and clinical experience with faculty oversight shall be provided to students;

(b) all policies shall be written and available to students;

(c) students shall be required to meet the health standards and criminal background checks as required in Utah;

(d) students shall receive faculty instruction, advisement and oversight;

(e) students shall maintain the integrity of their work;

(f) (i) an applicant accepted into a nursing education program that has received provisional approval status from the Division, must sign a disclaimer form indicating the applicant's knowledge of the provisional approval status of the program, and the lack of a guarantee that the program will achieve national nursing accreditation and full approval status from the Division; and

(ii) the disclaimer shall also contain a statement regarding the lack of a guarantee that the credit received from the provisionally approved program will be accepted by or transferable to another educational facility; and

(g) an applicant accepted into a nursing education program or a student of a nursing education program that is on or receives probationary approval status from the Division, must sign a disclaimer form indicating the applicant or student has knowledge of the program's probationary approval status, and the lack of a guarantee that the program will maintain any approval status or will be able to offer the complete program.

(5) An administrator of a nursing education program shall meet the following requirements:

(a) a program preparing an individual for licensure as an LPN:

(i) have a current, active, unencumbered RN or APRN license or multistate privilege to practice nursing in Utah;

(ii) have a minimum of an earned graduate degree with a major in nursing, or a baccalaureate degree in nursing and an earned doctoral degree in a related discipline from a nurse accredited education program or regionally accredited institution;

(iii) have academic preparation in curriculum and instruction;

(iv) have at least three years of experience teaching in an accredited nursing education program;

(v) have knowledge of current LPN practice; and

(vi) have adequate time to fulfill the role and responsibilities of a program administrator;

(b) a program preparing an individual for licensure as an RN:

(i) have a current, active, unencumbered RN or APRN license or multistate privilege to practice nursing in Utah;

(ii)(A) associate degree program: have a minimum of an earned graduate degree with a major in nursing from a nurse accredited education program;

(B) baccalaureate degree program: have a minimum of an earned graduate degree in nursing and an earned doctorate in nursing or a related discipline from a nurse accredited program or regionally accredited institution;

(iii) have academic preparation in curriculum and instruction;

(iv) have at least three years of experience teaching in an accredited nursing education program;

(v) have knowledge of current RN practice; and

(vi) have adequate time to fulfill the role and responsibilities of a program administrator;

(c) a program preparing an individual for licensure as an APRN:

(i) have a current, active, unencumbered RN or APRN license or multistate privilege to practice nursing in Utah;

(ii) have a minimum of an earned graduate degree with a major in nursing and an earned doctorate in nursing or a related discipline from a nurse accredited program or regionally accredited institution;

(iii) have academic preparation in curriculum and instruction;

(iv) have at least three years of experience teaching in an accredited nursing education program;

(v) have knowledge of current nursing practice;

(vi) have adequate time to fulfill the role and responsibilities of a program administrator; and

(v) if the program administrator is not a licensed APRN, then the program must also have a director that meets the qualifications of Subsection (d) below;

(d) the director of a graduate program preparing an individual for licensure as an APRN shall meet the following requirements:

(i) have a current, active, unencumbered APRN license or multistate privilege to practice as an APRN in Utah;

(ii) have a minimum of an earned graduate degree with a major in nursing in an APRN role and specialty from a nurse accredited program;

(iii) have educational preparation in curriculum and instruction;

(iv) have at least three years of experience teaching in an accredited nursing education program;

(v) have knowledge of current APRN practice; and

(vi) have adequate time to fulfill the role and responsibilities of a program director.

(6) The qualifications for nursing faculty who teach didactic, clinical, or in a skills practice laboratory, in a nursing education program shall include:

(a) a program preparing an individual for licensure as an LPN:

(i) have a current, active, unencumbered RN or APRN license or multistate privilege to practice nursing in Utah;

(ii) have a baccalaureate degree in nursing or an earned graduate degree with a major in nursing from a nurse accredited program, the majority of faculty (at least 51%) shall have an earned graduate degree with a major in nursing from a nurse accredited program;

(iii) have at least two years of clinical experience;

(iv)(A) have educational preparation in curriculum and instruction; or

(B) have at least three years of experience teaching in an accredited nursing education program; and

(v) the majority of faculty shall have documented educational preparation as specified in Subsection (iv)(A) above;

(b) a program preparing an individual for licensure as an RN:

(i) have a current, active, unencumbered RN or APRN license or multistate privilege to practice nursing in Utah;

(ii) have an earned graduate degree with a major in nursing from a nurse accredited program or be currently enrolled in a graduate level accredited nursing education program with graduation from the program no later than three years from the date of hire;

(iii) have at least two years of clinical experience;

(iv)(A) have educational preparation in curriculum and instruction; or

(B) have at least three years of experience teaching in an accredited nursing education program; and

(v) the majority of faculty shall have documented educational preparation as specified in Subsection (iv)(A) above;

(c) a program preparing an individual for licensure as an APRN:

(i) have a current, active, unencumbered APRN license or multistate privilege to practice nursing in Utah;

(ii) have an earned graduate degree with a major in nursing in an APRN role and specialty from a nurse accredited program or regionally accredited institution; the majority of the faculty shall have an earned doctorate from a regionally accredited institution;

(iii) have at least two years of clinical experience practicing as an APRN;

(iv)(A) have educational preparation in curriculum and instruction; or

(B) have at least three years of experience teaching in an accredited nursing education program; and

(v) the majority of faculty shall have documented educational preparation as specified in Subsection (iv)(A) above.

(7) At the time this Rule becomes effective, any currently employed nursing program administrator or faculty member who does not meet the criteria established in Subsection (5) or (6), shall have until July 1, 2011 to meet the criteria.

(8) Adjunct clinical faculty, except clinical associates, employed solely to supervise clinical nursing experiences of students shall meet all the faculty qualifications for the program level they are teaching. A clinical associate is a staff member of a health care facility with an earned graduate degree or a student currently enrolled in a graduate nursing education program, who is given release time from the facility to provide clinical supervision to other students. The clinical associate is supervised by a graduate prepared mentor faculty member.

(9) Interdisciplinary faculty who teach non-clinical nursing courses shall have advanced preparation appropriate to the area of content.

(10) A nursing education program preparing graduates for licensure as either an LPN or RN must maintain an average pass rate on the applicable NCLEX examination that is no more than 5% below the national average pass rate for the same time period.

(11) A program that has received full approval status from the Division in collaboration with the board and is accredited by either CCNE or NLNAC:

(a) if the low NCLEX pass rate occurs twice, either after two consecutive graduation cycles or over a two year period of time, the program shall be issued a letter of warning by the Division in collaboration with the Board, and within 30 days from the date of the letter of warning, the program administrator shall submit a written remediation plan to the Board for approval;

(b) if the low NCLEX pass rate occurs three times either after three consecutive graduation cycles or over a two year period of time, the program administrator shall schedule and

participate in a meeting with the Board to discuss the approved remediation plan and its implementation, and the program's approval status shall be changed to "Probationary"; and

(c) if the low NCLEX pass rate occurs four times either after four consecutive graduation cycles or over a two year period of time, the program shall cease accepting new students;

(i) if the program is unable to raise the pass rate to the required level after five consecutive graduation cycles or over a two year period of time, the program shall cease operation at the end of the current academic timeframe such as at the end of the current semester or quarter; and

(ii) a nursing education program that ceases to operate under this Subsection, may submit a new application for approval status of a nursing education program to the Division for review and action no sooner than one year from the date the program ceases to operate.

(12) A program that has been granted provisional approval status by the Division in collaboration with the Board, but has not received either CCNE or NLNAC accreditation:

(a) if a low NCLEX pass rate occurs after any one graduation cycle, the program shall be issued a letter of warning by the Division in collaboration with the Board, and within 30 days from the date of the letter of warning, the program administrator shall submit a written remediation plan to the Board for approval;

(b) if the low NCLEX pass rate occurs twice, either after two consecutive graduation cycles, or a two year period of time, the program administrator shall schedule and participate in a meeting with the Board to discuss the approved remediation plan and its implementation and the program's approval status shall be changed to "Probationary"; and

(c) if the low NCLEX pass rate occurs three times either after three consecutive graduation cycles or over a two year period of time, the program shall cease accepting new students;

(i) if the program is unable to raise the pass rate to the required level after four consecutive graduation cycles or over a two year period of time, the program shall cease operation at the end of the current academic timeframe such as at the end of the current semester or quarter; and

(ii) a nursing education program that ceases operation under this Subsection, may submit a new application for approval status of a nursing education program to the Division for review and action no sooner than one year from the date the program ceases to operate.

(13) Additional required components of graduate education programs, including post-masters certificate programs, leading to APRN licensure include:

(a) each student enrolled shall be licensed or have a multistate privilege to practice as an RN in Utah;

(b) the curriculum shall be consistent with nationally recognized APRN roles and specialties and shall include:

(i) graduate level advanced practice nursing core courses including legal, ethical and professional responsibilities of the APRN, advanced pathophysiology, advanced health assessment, pharmacotherapeutics, and management and treatment of health care status; and

(ii) coursework focusing on the APRN role and specialty;

(c) dual track APRN graduate programs (preparing for two specialties) shall include content and clinical experience in both functional roles and specialties;

(d) instructional track/major shall have a minimum of 500 hours of supervised clinical experience directly related to the recognized APRN role and specialty;

(e) specialty tracks that provide care to multiple age groups and care settings shall require additional hours distributed in a manner that represents the populations served;

(f) there shall be provisions for the recognition of prior learning and advanced placement in the curriculum for individuals who hold a masters degree in nursing who are seeking preparation in a different role and specialty;

(g) post-masters nursing students shall complete the requirements of the APRN masters program through a formal graduate level certificate or master level track in the desired role and specialty;

(i) a program offering a post-masters certificate in a specialty area must also offer a master degree course of study in the same specialty area; and

(ii) post-master students must master the same APRN outcome criteria as the master level students and are required to complete a minimum of 500 supervised clinical hours; and

(h) a lead faculty member who is educated and nationally certified in the same specialty area and licensed as an APRN or possessing an APRN multistate privilege shall coordinate the educational component for the role and specialty in the APRN program.

R156-31b-604. Nursing Education Program - Disciplinary Action.

(1) The Division, in collaboration with the Board, may conduct an administrative hearing or issue a Memorandum of Understanding and Order placing a nursing program on probationary status for any of the following reasons:

(a) change in nurse accreditation status;

(b) failure to maintain the standards established by the nurse accreditation bodies such as receiving significant deficiencies during a review as evidenced by conditions being placed on the program;

(c) failure to maintain the standards established in this rule;

(d) pass rate of more than 5% below the national average;

(e) low graduation rate defined as the percent of first-time, degree seeking students who graduate longer than 150% of the designated time for graduation;

(f) sudden, high, or frequent faculty attrition;

(g) frequent program administrator turnover;

(h) national certification pass rate less than 80%; and

(i) implementation of a new education program, or an outreach or satellite nursing education program without prior notification to the Division.

(2) The Division, in collaboration with the Board, may take any of the following actions upon a nursing education program:

(a) issue an Order changing the approval status of the program;

(b) limit or restrict enrollment of new students or require the program to cease accepting new students within a specified timeframe;

(c) require the program director to meet with the Board or its designee, and present a remediation plan to correct any problems within a specified time frame;

(d) establish specific criteria that must be met within a specific length of time;

(e) withdraw approval status; or

(f) issue a cease and desist Order.

(3) Any adjudicative proceeding in regards to a nursing education program shall be classified as a formal adjudicative proceeding and shall comply with Title 63G, Chapter 4, the Utah Administrative Procedures Act.

R156-31b-605. Nursing Education Program Notification of Change.

(1) Educational institutions wishing to begin a new nursing education program shall submit an application to the division for approval status at least one year prior to the implementation of the program.

(2) An approved program that expands onto a satellite campus or implements an outreach program shall notify the Division at least one semester before the intended change.

R156-31b-606. Nursing Education Program Surveys.

(1) The Division shall conduct an annual survey of nursing education programs to monitor compliance with this rule. The survey may include the following:

(a) a copy of the program's annual report to a nurse accrediting body;

(b) a copy of any changes submitted to any nurse accrediting body; and

(c) a copy of any accreditation self study summary report.

(2) Programs which have been granted provisional approval status shall submit to the Division a copy of all correspondence between the program and the nurse accrediting body within 10 days of receipt or submission.

R156-31b-607. Approved Nursing Education Programs Located Outside of Utah.

(1) In accordance with Section 58-31b-302, an approved nursing education program located outside of Utah must meet the following requirements in order for a graduate to meet the educational requirement for licensure in this state:

(a) be accredited by the CCNE, NLNAC or COA; or

(b) be approved by the Board of Nursing or an equivalent agency in the state in which the nursing education program is offered.

R156-31b-608. Standards for Out-of-State Programs Providing Clinical Experiences in Utah.

In accordance with Subsection 58-31b-601(2), the minimum standards that a nursing education program which is located outside the state must meet to allow students to obtain clinical experiences in Utah are set forth as follows.

(1) An entry level distance learning nursing education program which leads to licensure utilizing precepted clinical experiences in Utah must meet the following criteria:

(a) parent nursing education-program must be Board of Nursing approved in the state of primary location (business), be nationally accredited by either NLNAC, CCNE, or COA, and must be affiliated with an institution of higher education;

(b) parent nursing education-program clinical faculty supervisor must be licensed in Utah or a Compact state;

(c) preceptors within the health care facilities must be licensed in good standing, in Utah or a Compact State;

(d) parent nursing education-program must have a contract with the Utah health care facilities that provide the clinical sites; and

(e) parent nursing education-program must document compliance with the above stated criteria, along with a request to be approved to have a student who is exempt from licensure under Subsection 58-1-307(c).

(2) A nursing education program located in another state that desires to use Utah health care facilities for clinical experiences for one or more students must meet the following criteria:

(a) be approved by the home state Board of Nursing, be nationally accredited by NLNAC, CCNE, or COA and be affiliated with an institution of higher education;

(b) clinical faculty must be employed by the nursing education program, meet the requirements to be a faculty member as established by the accrediting body and the program's Board of Nursing, and must be licensed, in good standing in Utah or a Compact state;

(c) preceptors within the health care facilities must be licensed, in good standing, in Utah or a Compact state;

(d) have a contract with the Utah health care facilities that provide the clinical sites;

(e) submit an annual report on forms provided by the Division of Occupational and Professional Licensing and Utah Board of Nursing; and

(f) document compliance with the above stated criteria, along with a request to be approved to have a student(s) who is exempt from licensure under Subsection 58-1-307(c).

(3) A distance learning didactic nursing education program with a Utah based postsecondary school which provides tutoring services, facilitates clinical site selection, and provides clinical site faculty must meet the following criteria:

(a) parent nursing education-program must be approved by the Board of Nursing in the state of primary location (business), be nationally accredited by NLNAC, CCNE, or COA and must be affiliated with an institution of higher education;

(b) a formal contract must be in place between the parent nursing education-program and the Utah postsecondary school;

(c) parent nursing education-program and Utah postsecondary school must submit an application for program approval status by the Division of Occupational and Professional Licensing in collaboration with the Board of Nursing in Utah, utilizing the parent-program's existing curriculum. Approval status is granted to the parent nursing education-program, not to the postsecondary school;

(d) clinical faculty must be employed by the parent nursing education-program (this can be as a contractual faculty member), meet the requirements to be a faculty member as established by the accrediting body and the parent nursing education-program's Board of Nursing, and must be licensed, in good standing in Utah or a Compact state;

(e) clinical faculty supervisor(s) located at the parent nurse education-program must be licensed, in Utah or a Compact state;

(f) parent nursing education-program shall be responsible for conducting the nursing education program, the program's policies and procedures, and the selection of the students;

(g) parent nursing education-program must have a contract with the Utah health care facilities that provide the clinical sites; and

(h) the parent nursing education-program shall submit an annual report on forms provided by the Division of Occupational and Professional Licensing and Utah Board of Nursing.

R156-31b-701. Delegation of Nursing Tasks.

In accordance with Subsection 58-31b-102(14)(g), the delegation of nursing tasks is further defined, clarified, or established as follows:

(1) The nurse delegating tasks retains the accountability for the appropriate delegation of tasks and for the nursing care of the patient. The licensed nurse shall not delegate any task requiring the specialized knowledge, judgment and skill of a licensed nurse to an unlicensed assistive personnel. It is the licensed nurse who shall use professional judgment to decide whether or not a task is one that must be performed by a nurse or may be delegated to an unlicensed assistive personnel. This precludes a list of nursing tasks that can be routinely and uniformly delegated for all patients in all situations. The decision to delegate must be based on careful analysis of the patient's needs and circumstances.

(2) The licensed nurse who is delegating a nursing task shall:

(a) verify and evaluate the orders;

(b) perform a nursing assessment, including an assessment of:

(i) the patient's nursing care needs including, but not limited to, the complexity and frequency of the nursing care, stability of the patient, and degree of immediate risk to the patient if the task is not carried out;

(ii) the delegatee's knowledge, skills, and abilities after training has been provided;

(iii) the nature of the task being delegated including the degree of complexity, irreversibility, predictability of outcome, and potential for harm;

(iv) the availability and accessibility of resources, including appropriate equipment, adequate supplies, and other appropriate health care personnel to meet the patient's nursing care needs; and

(v) the availability of adequate supervision of the delegatee.

(c) act within the area of the nurse's responsibility;

(d) act within the nurse's knowledge, skills and ability;

(e) determine whether the task can be safely performed by a delegatee or whether it requires a licensed health care provider;

(f) determine that the task being delegated is a task that a reasonable and prudent nurse would find to be within generally accepted nursing practice;

(g) determine that the task being delegated is an act consistent with the health and safety of the patient;

(h) verify that the delegatee has the competence to perform the delegated task prior to performing it;

(i) provide instruction and direction necessary to safely perform the specific task; and

(j) provide ongoing supervision and evaluation of the delegatee who is performing the task;

(k) explain the delegation to the delegatee and that the delegated task is limited to the identified patient within the identified time frame;

(l) instruct the delegatee how to intervene in any foreseeable risks that may be associated with the delegated task; and

(m) if the delegated task is to be performed more than once, establish a system for ongoing monitoring of the delegatee.

(3) The delegator shall evaluate the situation to determine the degree of supervision required to ensure safe care.

(a) The following factors shall be evaluated to determine the level of supervision needed:

(i) the stability of the condition of the patient;

(ii) the training, capability, and willingness of the delegatee to perform the delegated task;

(iii) the nature of the task being delegated; and

(iv) the proximity and availability of the delegator to the delegatee when the task will be performed.

(b) The delegating nurse or another qualified nurse shall be readily available either in person or by telecommunication. The delegator responsible for the care of the patient shall make supervisory visits at appropriate intervals to:

(i) evaluate the patient's health status;

(ii) evaluate the performance of the delegated task;

(iii) determine whether goals are being met; and

(iv) determine the appropriateness of continuing delegation of the task.

(4) Nursing tasks, to be delegated, shall meet the following criteria as applied to each specific patient situation:

(a) be considered routine care for the specific patient/client;

(b) pose little potential hazard for the patient/client;

(c) be performed with a predictable outcome for the patient/client;

(d) be administered according to a previously developed plan of care; and

(e) not inherently involve nursing judgment which cannot be separated from the procedure.

(5) If the nurse, upon review of the patient's condition, complexity of the task, ability of the proposed delegatee and other criteria as deemed appropriate by the nurse, determines that the proposed delegatee cannot safely provide the requisite care, the nurse shall not delegate the task to such proposed delegatee.

(a) A delegatee shall not further delegate to another person the tasks delegated by the delegator; and

(b) the delegated task may not be expanded by the delegatee without the express permission of the delegator.

R156-31b-701a. Delegation of Nursing Tasks in a School Setting.

In addition to the delegation rule found in Section R156-31b-701, the delegation of nursing tasks in a school setting is further defined, clarified, or established as follows:

(1) Any task being delegated by the school nurse shall be identified within a current IHP. The IHP is limited to a specific delegate for a specific time frame.

(2) In accordance with Section 53A-11-601 and an IHP, it is appropriate for a nurse to provide training to unlicensed assistive personnel, which training includes the routine, scheduled or correction injection of insulin (via actual injection or pump) or the administration of glucagon in an emergency situation, provided that any training regarding the injection of insulin and the administration of glucagon is updated at least annually. The selection of the type of insulin and dosage levels shall not be delegated.

(3) In accordance with an IHP, and except as provided herein and in R156-31b-701, a nurse may not delegate the administration of any medication which requires nursing assessment or judgment prior to injection or administration. The routine provision of scheduled or correction dosage of insulin and the administration of glucagon in an emergency situation, as prescribed by the practitioner's order and specified in the IHP, shall not be considered actions that require nursing assessment or judgment prior to administration and therefore, can be delegated to a delegatee.

(4) A nurse working in a school setting may not delegate the administration of the first dose of a new medication or a dosage change.

(5) An IHP shall be developed for any student receiving insulin in a school. By example, but not limited to the following list, the IHP may include:

(a) carbohydrate counting;

(b) glucose testing;

(c) activation, suspension, or bolus of an insulin pump;

(d) usage of insulin pens, syringes, and an insulin pump;

(e) copy of the medical orders; and

(f) emergency protocols related to glucagon administration.

(6) Insulin and glucagon injections by the delegatee shall only occur when the delegatee has followed the guidelines of the IHP.

(a) Dosages of insulin may be injected by the delegatee as designated in the IHP.

(b) Non-routine, correction dosages of insulin may be given by the delegatee only after:

(i) following the guidelines of the IHP; and

(ii) consulting with the delegator, parent or guardian, as designated in the IHP, and verifying and confirming the type and dosage of insulin being injected.

(c) Under Subsection (6), insulin and glucagon injections by the delegatee is limited to a specific delegatee, for a specific student and for a specific time.

(7) A student who is capable of administering his own insulin may self-administer insulin as provided in the IHP. A delegatee may verify the insulin dose of a student who self-administers insulin, if such verification is required in the IHP.

(8) When the student is not capable of self-administration, scheduled and routine correction doses of insulin may be administered, and the administration of glucagon may be performed, by a delegatee as provided in Subsection R156-31b-701a(2).

R156-31b-702. Scope of Practice.

(1) The lawful scope of practice for an RN employed by a

department of health shall include implementation of standing orders and protocols, and completion and providing to a patient of prescriptions which have been prepared and signed by a physician in accordance with the provisions of Section 58-17b-620.

(2) An APRN who chooses to change or expand from a primary focus of practice must be able to document competency within that expanded practice based on education, experience and certification. The burden to demonstrate competency rests upon the licensee.

(3) An individual licensed as an APRN may practice within the scope of practice of a RN under the APRN license.

(4) An individual licensed in good standing in Utah as either an APRN or a CRNA and residing in this state, may practice as an RN in any Compact state.

R156-31b-703. Generally Recognized Scope of Practice of an LPN.

In accordance with Subsection 58-31b-102(15), the LPN practicing within the generally recognized LPN scope of practice practices as follows:

(1) In demonstrating professional accountability, shall:

(a) practice within the legal boundaries for practical nursing through the scope of practice authorized in statute and rule;

(b) demonstrate honesty and integrity in nursing practice;

(c) base nursing decisions on nursing knowledge and skills, and the needs of patients;

(d) accept responsibility for individual nursing actions, competence, decisions and behavior in the course of practical nursing practice; and

(e) maintain continued competence through ongoing learning and application of knowledge in the patient's interest.

(2) In demonstrating the responsibility for nursing practice implementation shall:

(a) conduct a focused nursing assessment;

(b) plan for episodic nursing care;

(c) demonstrate attentiveness and provides patient surveillance and monitoring;

(d) assist in identification of patient needs;

(e) seek clarification of orders when needed;

(f) demonstrate attentiveness and provides observation for signs, symptoms and changes in patient condition;

(g) assist in the evaluation of the impact of nursing care, and contributes to the evaluation of patient care;

(h) recognize patient characteristics that may affect the patient's health status;

(i) obtain orientation/training competency when encountering new equipment and technology or unfamiliar care situations;

(j) implement appropriate aspects of patient care in a timely manner:

(i) provide assigned and delegated aspects of patient's health care plan;

(ii) implement treatments and procedures; and

(iii) administer medications accurately;

(k) document care provided;

(l) communicate relevant and timely patient information with other health team members including:

(i) patient status and progress;

(ii) patient response or lack of response to therapies;

(iii) significant changes in patient condition; or

(iv) patient needs;

(m) participate in nursing management:

(i) assign nursing activities to other LPNs;

(ii) delegate nursing activities for stable patients to unlicensed assistive personnel;

(iii) observe nursing measures and provide feedback to nursing manager; and

(iv) observe and communicate outcomes of delegated and assigned activities;

(n) take preventive measures to protect patient, others and self;

(o) respect patient's rights, concerns, decisions and dignity;

(p) promote a safe patient environment;

(q) maintain appropriate professional boundaries; and

(r) assume responsibility for own decisions and actions.

(3) In being a responsible member of an interdisciplinary health care team shall:

(a) function as a member of the health care team, contributing to the implementation of an integrated health care plan;

(b) respect patient property and the property of others; and

(c) protect confidential information unless obligated by law to disclose the information.

R156-31b-704. Generally Recognized Scope of Practice of an RN.

In accordance with Subsection 58-31b-102(16), the RN practicing within the generally recognized RN scope of practice practices as follows:

(1) In demonstrating professional accountability, shall:

(a) practice within the legal boundaries for nursing through the scope of practice authorized in statute and rule;

(b) demonstrate honesty and integrity in nursing practice;

(c) base professional decisions on nursing knowledge and skills, and the needs of patients;

(d) accept responsibility for judgments, individual nursing actions, competence, decisions and behavior in the course of nursing practice; and

(e) maintain continued competence through ongoing learning and application of knowledge in the patient's interest.

(2) In demonstrating the responsibility for nursing practice implementation shall:

(a) conduct a comprehensive nursing assessment;

(b) detect faulty or missing patient information;

(c) apply nursing knowledge effectively in the synthesis of the biological, psychological, spiritual and social aspects of the patient's condition;

(d) utilize this broad and complete analysis to plan strategies of nursing care and nursing interventions that are integrated within the patient's overall health care plan;

(e) provide appropriate decision making, critical thinking and clinical judgment to make independent nursing decisions and identification of health care needs;

(f) seek clarification of orders when needed;

(g) implement treatments and therapy, including medication administration, delegated medical and independent nursing functions;

(h) obtain orientation/training for competence when encountering new equipment and technology or unfamiliar situations;

(i) demonstrate attentiveness and provides patient surveillance and monitoring;

(j) identify changes in patient's health status and comprehends clinical implications of patient signs, symptoms and changes as part of expected and unexpected patient course or emergent situations;

(k) evaluate the impact of nursing care, the patient's response to therapy, the need for alternative interventions, and the need to communicate and consult with other health team members;

(l) document nursing care;

(m) intervene on behalf of patient when problems are identified and revises care plan as needed;

(n) recognize patient characteristics that may affect the patient's health status; and

(o) take preventive measures to protect patient, others and self.

(3) In demonstrating the responsibility to act as an advocate for patient shall:

(a) respect the patient's rights, concerns, decisions and dignity;

(b) identify patient needs;

(c) attend to patient concerns or requests;

(d) promote safe patient environment;

(e) communicate patient choices, concerns and special needs with other health team members regarding:

(i) patient status and progress;

(ii) patient response or lack of response to therapies; and

(iii) significant changes in patient condition;

(f) maintain appropriate professional boundaries;

(g) maintain patient confidentiality; and

(h) assume responsibility for own decisions and actions.

(4) In demonstrating the responsibility to organize, manage and supervise the practice of nursing, shall:

(a) assign to another only those nursing measures that fall within that nurse's scope of practice, education, experience and competence or unlicensed person's role description;

(b) delegate to another only those nursing measures which that person has the necessary skills and competence to accomplish safely;

(c) match patient needs with personnel qualifications, available resources and appropriate supervision;

(d) communicate directions and expectations for completion of the delegated activity;

(e) supervise others to whom nursing activities are delegated or assigned by monitoring performance, progress and outcome, and assures documentation of the activity;

(f) provide follow-up on problems and intervenes when needed;

(g) evaluate the effectiveness of the delegation or assignment;

(h) intervene when problems are identified and revises plan of care as needed;

(i) retain professional accountability for nursing care as provided;

(j) promote a safe and therapeutic environment by:

(i) providing appropriate monitoring and surveillance of the care environment;

(ii) identifying unsafe care situations; and

(iii) correcting problems or referring problems to appropriate management level when needed; and

(k) teach and counsel patient families regarding health care regimen, which may include general information about health and medical condition, specific procedures and wellness and prevention.

(5) In being a responsible member of an interdisciplinary health care team shall:

(a) function as a member of the health care team, collaborating and cooperating in the implementation of an integrated patient-centered health care plan;

(b) respect patient property, and the property of others; and

(c) protect confidential information.

(6) In being the chief administrative nurse shall:

(a) assure that organizational policies, procedures and standards of nursing practice are developed, kept current and implemented to promote safe and effective nursing care;

(b) assure that the knowledge, skills and abilities of nursing staff are assessed and that nurses and nursing assistive personnel are assigned to nursing positions appropriate to their determined competence and licensure/certification/registration level;

(c) assure that competent organizational management and management of human resources within the nursing organization are established and implemented to promote safe and effective nursing care; and

(d) assure that thorough and accurate documentation of personnel records, staff development, quality assurance and other aspects of the nursing organization are maintained.

(7) When functioning in a nursing program educator (faculty) role shall:

(a) teach current theory, principles of nursing practice and nursing management;

(b) provide content and clinical experiences for students consistent with statutes and rule;

(c) supervise students in the provision of nursing services; and

(d) evaluate student scholastic and clinical performance with expected program outcomes.

R156-31b-801. Medication Aide - Certified - Formulary and Protocols.

In accordance with Subsection 58-31b-102(12)(b)(i), the formulary and protocols for an MA-C to administer routine medications are as follows.

(1) Under the supervision of a licensed nurse as defined in Subsection R156-31b-102(40), an MA-C may:

(a) administer medication:

(i) via approved routes as listed in Subsection 58-31b-102(17)(b);

(ii) that includes turning oxygen on and off at a predetermined, established flow rate; and

(iii) that is prescribed as PRN (as needed), if expressly instructed to do so by the nurse, or the medication is an over-the-counter medication;

(b) destroy medications per facility policy;

(c) assist a patient with self administration; and

(d) account for controlled substances with another MA-C or nurse.

(2) An MA-C shall not administer medications via the following routes:

(a) central lines;

(b) colostomy;

(c) intramuscular;

(d) subcutaneous;

(e) intrathecal;

(f) intravenous;

(g) nasogastric;

(h) nonmetered inhaler;

(i) intradermal;

(j) urethral;

(k) epidural;

(l) endotracheal; or

(m) gastronomy or jejunostomy tubes.

(3) An MA-C shall not administer the following kinds of medications:

(a) barium and other diagnostic contrast;

(b) chemotherapeutic agents except oral maintenance chemotherapy;

(c) medication pumps including client controlled analgesia; and

(d) nitroglycerin paste.

(4) An MA-C shall not:

(a) administer any medication which requires nursing assessment or judgment prior to administration, on-going evaluation, or follow-up;

(b) receive written or verbal orders;

(c) transcribe orders from the medical record;

(d) conduct patient or resident assessments or evaluations;

(e) engage in patient or resident teaching activities regarding medications unless expressly instructed to do so by the nurse;

(f) calculate drug doses, or administer any medication that requires a medication calculation to determine the appropriate

dose;

(g) administer the first dose of a new medication or a dosage change, unless expressly instructed to do so by the nurse; and

(h) account for controlled substances, unless assisted by another MA-C or a nurse.

(5) In accordance with Section R156-31b-701, a nurse may refuse to delegate the administration of medications to a specific patient or in a specific situation.

(6) A nurse practicing in a facility that is required to provide nursing services 24 hours per day shall not supervise more than two MA-Cs per shift.

(7) A nurse providing nursing services in a facility that is not required to provide nursing services 24 hours per day may supervise up to and including four MA-Cs per shift.

R156-31b-802. Medication Aide - Certified - Approval of Training Programs.

In accordance with Subsection 58-31b-601(3), the minimum standards for an MA-C training program to be approved by the Division in collaboration with the Board and the process to obtain approval are established as follows.

(1) All training programs shall be approved by the Division in collaboration with the Board and shall obtain approval prior to implementing the program.

(2) Training programs may be offered by an educational institution, a health care facility, or a health care association.

(3) The program shall consist of a minimum of 60 clock hours of didactic (classroom) training which is consistent with the model curriculum in Section R156-31b-803, and at least 40 hours of practical training within a long-term care facility.

(4) The classroom instructor shall:

(a) have a current, active, unencumbered LPN, RN or APRN license or multistate privilege to practice nursing in Utah;

(b) be a faculty member of an approved nursing education program, or an approved certified nurse aide (CNA) instructor who has completed a "Train the Trainer" program recognized by the Utah Nurse Aide Registry; and

(c) have at least two years of clinical experience and at least one year of experience in long-term care in the past five years.

(5) The on-site practical training experience instructor shall be available at all times during the practical training experience and shall meet the following criteria:

(a) have a current, active, unencumbered LPN, RN or APRN license or multistate privilege to practice nursing in Utah;

(b)(i) be a faculty member of an approved nursing education program with at least one year of experience in long-term care nursing; or

(ii) be an approved CNA instructor who has completed a "Train the Trainer" program recognized by the Utah Nurse Aide Registry, with at least one year of experience in long-term care, and at least three months experience in the specific training facility;

(c) shall not delegate supervisory responsibilities when providing practical experience training to a student;

(d) the practical training instructor to student ratio shall be:

(i) 1:2 if the instructor is working one-on-one with the student to administer the medications; or

(ii) 1:8 if the instructor is supervising a student who is working one-on-one with the clinical facility's medication nurse.

(6) An entity desiring to be approved to provide an MA-C training program to qualify a person for certification as a medication aide shall:

(a) submit to the Division an application form prescribed by the Division;

(b) provide evidence of adequate and appropriate trainers and resources to provide the training program including a well-stocked clinical skills lab or the equivalent;

(c) submit a copy of the proposed training curriculum and an attestation that the proposed curriculum is consistent with the model curriculum in Section R156-31b-803;

(d) document minimal admission requirements including, but not limited to:

(i) an earned high school diploma or successful passage of the general educational development (GED) test;

(ii) current certification as a nursing aide, in good standing, from the Utah Nursing Assistant Registry, with at least 2,000 hours of experience within the two years prior to application to the training program, working as a certified nurse aide in a long-term care setting; and

(iii) current cardiopulmonary resuscitation (CPR) certification.

R156-31b-803. Medication Aide - Certified - Model Curriculum.

The model curriculum which must be followed by anyone who desires to offer a medication aide certification program is the "Medication Assistant-Certified (MA-C) Model Curriculum" adopted by the National Council of State Boards of Nursing's Delegate Assembly on August 9, 2007, which is hereby adopted and incorporated by reference.

KEY: licensing, nurses

May 1, 2009	**58-31b-101**
Notice of Continuation April 1, 2008	**58-1-106(1)(a)**
	58-1-202(1)(a)

R156. Commerce, Occupational and Professional Licensing.
R156-37. Utah Controlled Substances Act Rules.
R156-37-101. Title.

These rules are known as the "Utah Controlled Substances Act Rules."

R156-37-102. Definitions.

In addition to the definitions in Title 58, Chapters 1 and 37, as used in Title 58, Chapters 1 and 37, or these rules:

(1) "DEA" means the Drug Enforcement Administration of the United States Department of Justice.

(2) "NABP" means the National Association of Boards of Pharmacy.

(3) "Principle place of business or professional practice", as used in Subsection 58-37-6(2)(e), means any location where controlled substances are received or stored.

(4) "Schedule II controlled stimulant" means any material, compound, mixture or preparation listed in Subsection 58-37-4(2)(b)(iii).

(5) "Unprofessional conduct", as defined in Title 58 is further defined in accordance with Subsections 58-1-203(1)(e) and 58-37-6(1)(a), in Section R156-37-502.

R156-37-103. Purpose - Authority.

These rules are adopted by the division under the authority of Subsections 58-1-106(1)(a) and 58-37-6(1)(a) to enable the division to administer Title 58, Chapter 37.

R156-37-104. Organization - Relationship to Rule R156-1.

The organization of this rule and its relationship to Rule R156-1 is as described in Section R156-1-107.

R156-37-301. License Classifications - Restrictions.

(1) Consistent with the provisions of law, the division may issue a controlled substance license to manufacture, produce, distribute, dispense, prescribe, obtain, administer, analyze, or conduct research with controlled substances in Schedules I, II, III, IV, or V to qualified persons. Licenses shall be issued to qualified persons in the following categories:

(a) pharmacist;
(b) optometrist;
(c) podiatric physician;
(d) dentist;
(e) osteopathic physician and surgeon;
(f) physician and surgeon;
(g) physician assistant;
(h) veterinarian;
(i) advanced practice registered nurse;
(j) certified nurse midwife;
(k) certified registered nurse anesthetist;
(l) Class A pharmacy-retail operations located in Utah;
(m) Class B pharmacy located in Utah providing services to a target population unique to the needs of the healthcare services required by the patient, including:
(i) closed door;
(ii) hospital clinic pharmacy;
(iii) methadone clinics;
(iv) nuclear;
(v) branch;
(vi) hospice facility pharmacy;
(vii) veterinarian pharmaceutical facility;
(viii) pharmaceutical administration facility; and
(ix) sterile product preparation facility.
(n) Class C pharmacy located in Utah engaged in:
(i) manufacturing;
(ii) producing;
(iii) wholesaling; and
(iv) distributing.
(o) Class D Out-of-state mail order pharmacies.
(p) Class E pharmacy including:
(i) medical gases providers; and
(ii) analytical laboratories.
(q) Utah Department of Corrections for the conduct of execution by the administration of lethal injection under its statutory authority and in accordance with its policies and procedures.

(2) A license may be restricted to the extent determined by the division, in collaboration with appropriate licensing boards, that a restriction is necessary to protect the public health, safety or welfare, or the welfare of the licensee. A person receiving a restricted license shall manufacture, produce, obtain, distribute, dispense, prescribe, administer, analyze, or conduct research with controlled substances only to the extent of the terms and conditions under which the restricted license is issued by the division.

R156-37-302. Qualifications for Licensure - Application Requirements.

(1) An applicant for a controlled substance license shall:
(a) submit an application in a form as prescribed by the division; and
(b) shall pay the required fee as established by the division under the provisions of Section 63J-1-303.

(2) Any person seeking a controlled substance license shall:
(a) be currently licensed by the state in the appropriate professional license classification as listed in R156-37-301 and shall maintain that license classification as current at all times while holding a controlled substance license; or
(b) be engaged in the following activities which require the administration of a controlled substance but do not require licensure under Subsection (a):
(i) animal capture for transport or relocation as an employee or under contract with a state or federal government agency; or
(ii) other activity approved by the Division in collaboration with the appropriate board.

(3) The division and the reviewing board may request from the applicant information which is reasonable and necessary to permit an evaluation of the applicant's:
(a) qualifications to engage in practice with controlled substances; and
(b) the public interest in the issuance of a controlled substance license to the applicant.

(4) To determine if an applicant is qualified for licensure, the division may assign the application to a qualified and appropriate licensing board for review and recommendation to the division with respect to issuance of a license.

R156-37-303. Qualifications for Licensure - Site Inspections - Investigations.

The division shall have the right to conduct site inspections, review research protocol, conduct interviews with persons knowledgeable about the applicant, and conduct any other investigation which is reasonable and necessary to determine the applicant is of good moral character and qualified to receive a controlled substance license.

R156-37-304. Qualifications for Licensure - Examinations.

Each applicant for a controlled substance license shall be required to pass an examination administered at the direction of the division on the subject of controlled substance laws.

R156-37-305. Exemption from Licensure - Animal Euthanasia and Law Enforcement Personnel.

In accordance with Subsection 58-37-6(2)(d), the following persons are exempt from licensure under Title 58, Chapter 37:

(1) Individuals employed by an agency of the State or any of its political subdivisions, who are specifically authorized in writing by the state agency or the political subdivision to possess specified controlled substances in specified reasonable and necessary quantities for the purpose of euthanasia upon animals, shall be exempt from having a controlled substance license if the agency or jurisdiction employing that individual has obtained a controlled substance license, a DEA registration number, and uses the controlled substances according to a written protocol in performing animal euthanasia.

(2) Law enforcement agencies and their sworn personnel are exempt from the licensing requirements of the Controlled Substance Act to the extent their official duties require them to possess controlled substances; they act within the scope of their enforcement responsibilities; they maintain accurate records of controlled substances which come into their possession; and they maintain an effective audit trail. Nothing herein shall authorize law enforcement personnel to purchase or possess controlled substances for administration to animals unless the purchase or possession is in accordance with a duly issued controlled substance license.

R156-37-401. Grounds for Denial of License - Disciplinary Proceedings.

Grounds for refusing to issue a license to an applicant, for refusing to renew the license of a licensee, for revoking, suspending, restricting, or placing on probation the license of a licensee, for issuing a public or private reprimand to a licensee, and for issuing a cease and desist order shall be in accordance with Section 58-1-401.

R156-37-502. Unprofessional Conduct.

"Unprofessional conduct" includes:

(1) a licensee with authority to prescribe or administer controlled substances:

(a) prescribing or administering to himself any Schedule II or III controlled substance which is not lawfully prescribed by another licensed practitioner having authority to prescribe the drug;

(b) prescribing or administering a controlled substance for a condition he is not licensed or competent to treat;

(2) violating any federal or state law relating to controlled substances;

(3) failing to deliver to the division all controlled substance license certificates issued by the division to the division upon an action which revokes, suspends or limits the license;

(4) failing to maintain controls over controlled substances which would be considered by a prudent practitioner to be effective against diversion, theft, or shortage of controlled substances;

(5) being unable to account for shortages of controlled substances any controlled substance inventory for which the licensee has responsibility;

(6) knowingly prescribing, selling, giving away, or administering, directly or indirectly, or offering to prescribe, sell, furnish, give away, or administer any controlled substance to a drug dependent person, as defined in Subsection 58-37-2(s), except for legitimate medical purposes as permitted by law;

(7) refusing to make available for inspection controlled substance stock, inventory, and records as required under these rules or other law regulating controlled substances and controlled substance records;

(8) failing to submit controlled substance prescription information to the database manager after being notified in writing to do so.

R156-37-601. Access to Records, Facilities, and Inventory.

Applicants for licensure and all licensees shall make available for inspection to any person authorized to conduct an administrative inspection pursuant to Title 58, Chapter 37, these rules or federal law, to the extent they exist, during regular business hours and at other reasonable times in the event of an emergency, their controlled substance stock or inventory, records required under the Utah Controlled Substances Act and these rules or under the federal controlled substance laws, and facilities related to activities involving controlled substances.

R156-37-602. Records.

(1) Records of purchase, distribution, dispensing, prescribing, and administration of controlled substances shall be kept according to state and federal law. Prescribing practitioners shall keep accurate records reflecting the examination, evaluation and treatment of all patients. Patient medical records shall accurately reflect the prescription or administration of controlled substances in the treatment of the patient, the purpose for which the controlled substance is utilized and information upon which the diagnosis is based. Practitioners shall keep records apart from patient records of each controlled substance purchased, and with respect to each controlled substance, its disposition, whether by administration or any other means, date of disposition, to whom given and the quantity given.

(2) Any licensee who experiences any shortage or theft of controlled substances shall immediately file the appropriate forms with the Drug Enforcement Administration, with a copy to the division directed to the attention of the Investigation Bureau. He shall also report the incident to the local law enforcement agency.

(3) All records required by federal and state laws or rules must be maintained by the licensee for a period of five years. If a licensee should sell or transfer ownership of his files in any way, those files shall be maintained separately from other records of the new owner.

(4) Prescription records may be maintained electronically so long as:

(a) the original of each prescription, including telephone prescriptions, is maintained in a physical file and contains all of the information required by federal and state law; and

(b) an automated data processing system is used for the storage and immediate retrieval of refill information for prescription orders for controlled substances in Schedule III and IV, in accordance with federal guidelines.

(5) All records relating to Schedule II controlled substances received, purchased, administered or dispensed by the practitioner shall be maintained separately from all other records of the pharmacy or practice.

(6) All records relating to Schedules III, IV and V controlled substances received, purchased, administered or dispensed by the practitioner shall be maintained separately from all other records of the pharmacy or practice.

R156-37-603. Restrictions Upon the Prescription, Dispensing and Administration of Controlled Substances.

(1) A practitioner may prescribe or administer the Schedule II controlled substance cocaine hydrochloride only as a topical anesthetic for mucous membranes in surgical situations in which it is properly indicated and as local anesthetic for the repair of facial and pediatric lacerations when the controlled substance is mixed and dispensed by a registered pharmacist in the proper formulation and dosage.

(2) A practitioner shall not prescribe or administer a controlled substance without taking into account the drug's potential for abuse, the possibility the drug may lead to dependence, the possibility the patient will obtain the drug for a nontherapeutic use or to distribute to others, and the possibility of an illicit market for the drug.

(3) When writing a prescription for a controlled substance,

each prescription shall contain only one controlled substance per prescription form and no other legend drug or prescription item shall be included on that form.

(4) In accordance with Subsection 58-37-6(7)(f)(v)(D), unless the prescriber determines there is a valid medical reason to allow an earlier dispensing date, the dispensing date of a second or third prescription shall be no less than 30 days from the dispensing date of the previous prescription, to allow for receipt of the subsequent prescription before the previous prescription runs out.

(5) If a practitioner fails to document his intentions relative to refills of controlled substances in Schedules III through V on a prescription form, it shall mean no refills are authorized. No refill is permitted on a prescription for a Schedule II controlled substance.

(6) Refills of controlled substance prescriptions shall be permitted for the period from the original date of the prescription as follows:

(a) Schedules III and IV for six months from the original date of the prescription; and

(b) Schedule V for one year from the original date of the prescription.

(7) No refill may be dispensed until such time has passed since the date of the last dispensing that 80% of the medication in the previous dispensing should have been consumed if taken according to the prescriber's instruction.

(8) No prescription for a controlled substance shall be issued or dispensed without specific instructions from the prescriber on how and when the drug is to be used.

(9) Refills after expiration of the original prescription term requires the issuance of a new prescription by the prescribing practitioner.

(10) Each prescription for a controlled substance and the number of refills authorized shall be documented in the patient records by the prescribing practitioner.

(11) A practitioner shall not prescribe or administer a Schedule II controlled stimulant for any purpose except:

(a) the treatment of narcolepsy as confirmed by neurological evaluation;

(b) the treatment of abnormal behavioral syndrome, attention deficit disorder, hyperkinetic syndrome, or related disorders;

(c) the treatment of drug-induced brain dysfunction;

(d) the differential diagnostic psychiatric evaluation of depression;

(e) the treatment of depression shown to be refractory to other therapeutic modalities, including pharmacologic approaches, such as tricyclic antidepressants or MAO inhibitors;

(f) in the terminal stages of disease, as adjunctive therapy in the treatment of chronic severe pain or chronic severe pain accompanied by depression;

(g) the clinical investigation of the effects of the drugs, in which case the practitioner shall submit to the division a written investigative protocol for its review and approval before the investigation has begun. The investigation shall be conducted in strict compliance with the investigative protocol, and the practitioner shall, within 60 days following the conclusion of the investigation, submit to the division a written report detailing the findings and conclusions of the investigation; or

(h) in treatment of depression associated with medical illness after due consideration of other therapeutic modalities.

(12) A practitioner may prescribe, dispense or administer a Schedule II controlled stimulant when properly indicated for any purpose listed in Subsection (11), provided that all of the following conditions are met:

(a) before initiating treatment utilizing a Schedule II controlled stimulant, the practitioner obtains an appropriate history and physical examination, and rules out the existence of any recognized contraindications to the use of the controlled substance to be utilized;

(b) the practitioner shall not prescribe, dispense or administer any Schedule II controlled stimulant when he knows or has reason to believe that a recognized contraindication to its use exists;

(c) the practitioner shall not prescribe, dispense or administer any Schedule II controlled stimulant in the treatment of a patient who he knows or should know is pregnant; and

(d) the practitioner shall not initiate or shall discontinue prescribing, dispensing or administering all Schedule II controlled stimulants immediately upon ascertaining or having reason to believe that the patient has consumed or disposed of any controlled stimulant other than in compliance with the treating practitioner's directions.

R156-37-604. Prescribing of Controlled Substances for Weight Reduction or Control.

(1) A practitioner shall not prescribe, dispense or administer a Schedule II or Schedule III controlled substance for purposes of weight reduction or control.

(2) A prescribing practitioner may prescribe or administer a Schedule IV controlled substance in treating excessive weight leading to increased health risks only when all the following conditions are met:

(a) medication is used only as an adjunct to a comprehensive weight loss program based on supplemental weight loss activities including, but not limited to, changing lifestyle counseling, nutritional education, and a regular, individualized exercise regimen;

(b) prior to initiating treatment the prescribing practitioner shall:

(i) determine through thorough review of past medical records that the patient has made a substantial good-faith effort to lose weight in a comprehensive weight loss program without the use of controlled substances, and the previous regimen has not been effective;

(ii) obtain a complete history, perform a complete physical examination of the patient, and rule out the existence of any recognized contraindications to the use of the medication(s);

(iii) determine and document this assessment in the patient's medical record, that the health benefit to the patient greatly outweighs the possible risks of the medications prescribed; and

(iv) discuss with the patient the possible risks associated with the medication and have on record an informed consent which clearly documents that the long term effects of using controlled substances for weight loss or weight control are not known;

(c) throughout the prescribing period, the prescribing practitioner shall:

(i) supervise, oversee, and regularly monitor the patient, including his participation in supplemental weight loss activities, efficacy of the medication, and advisability of continuing to prescribe the weight loss or weight control medication; and

(ii) maintain a central medical record, containing at least, the goal of treatment or target weight, the ongoing progress toward that goal or maintenance of the weight loss, the patient's supplemental weight loss activities with documentation of compliance with the comprehensive weight loss program; and

(d) the prescribing practitioner shall immediately discontinue the weight loss medication in any of the following situations:

(i) the practitioner knows or should know that the patient is pregnant;

(ii) the patient has consumed or disposed of any controlled substance other than in compliance with the prescribing practitioner's directions;

(iii) the patient is abusing the controlled substance being

prescribed for weight loss;

(iv) the patient develops a contraindication during the course of therapy; or

(v) the medication is not effective or that the patient is not abiding with and following through with the agreed upon comprehensive weight loss program.

R156-37-605. Emergency Verbal Prescription of Schedule II Controlled Substances.

(1) Prescribing practitioners may give a verbal prescription for a Schedule II controlled substance if:

(a) the quantity dispensed is only sufficient to cover the patient for the emergency period, not to exceed 72 hours;

(b) the prescribing practitioner has examined the patient within the past 30 days, the patient is under the continuing care of the prescribing practitioner for a chronic disease or ailment, or the prescribing practitioner is covering for another practitioner and has knowledge of the patient's condition; and

(c) a written prescription is delivered to the pharmacist within seven working days of the verbal order.

(2) A pharmacist may fill an emergency verbal or telephonic prescription from a prescribing practitioner for a Schedule II controlled substance if:

(a) the amount does not exceed a 72 hour supply; and

(b) the filling pharmacist reasonably believes that the prescribing practitioner is licensed to prescribe the controlled substances or makes a reasonable effort to determine that he is licensed.

R156-37-606. Disposal of Controlled Substances.

(1) Any disposal of controlled substances by licensees shall:

(a) be consistent with the provisions of 1307.21 of the Code of Federal Regulations; or

(b) require the authorization of the division after submission to the division to the attention of Chief Investigator of a detailed listing of the controlled substances and the quantity of each. Disposal shall be conducted in the presence of one of its investigators or a division authorized agent as is specifically instructed by the division in its written authorization.

(2) Records of disposal of controlled substances shall be maintained and made available on request to the division or its agents for inspection for a period of five years.

R156-37-607. Surrender of Suspended or Revoked License.

(1) Licenses which have been restricted, suspended or revoked shall be surrendered to the division within 30 days of the effective date of the order of restriction, suspension or revocation. Compliance with this section will be a consideration in evaluating applications for relicensing.

R156-37-608. Herbal Products.

The division shall not apply the provisions of the Controlled Substance Act or these rules in restricting citizens or practitioners, regardless of their license status, from the sale or use of food or herbal products that are not scheduled as controlled substances by State or Federal law.

R156-37-609. Controlled Substance Database - Procedure and Format for Submission to the Database.

(1) In accordance with Subsections 58-37-7.5(6)(a), the format in which the information required under Section 58-37-7.5 shall be submitted to the administrator of the database is:

(a) electronic data via telephone modem;

(b) electronic data stored on floppy disk or compact disc (CD);

(c) electronic data sent via electronic mail (e-mail) if encrypted and approved by the database manager;

(d) electronic data sent via a secured internet transfer method, including but not limited to, FTP site transfer and HyperSend; or

(e) any other electronic method preapproved by the database manager.

(2) The required information may be submitted on paper, if the pharmacy or pharmacy group submits a written request to the division and receives prior approval.

(3) The division will consider the following in granting the request:

(a) the pharmacy or pharmacy group has no computerized record keeping system upon which the data can be electronically recorded; or

(b) the pharmacy or pharmacy group is unable to conform its submissions to the format required by the database administrator without incurring undue financial hardship.

(4) As of October 1, 2008, each pharmacy or pharmacy group shall submit all data collected during the preceding seven days at least once per week. If the data is submitted by a single pharmacy entity, the data shall be submitted in chronological order according to the date each prescription was filled. If the data is submitted by a pharmacy group, the data is required to be sorted by individual pharmacy within the group, and the data of each individual pharmacy within the group is required to be submitted in chronological order according to the date each prescription was filled.

(5) The format for submission to the database shall be in accordance with uniform formatting developed by the American Society for Automation in Pharmacy system (ASAP). The division may approve alternative formats or adjustments to be consistent with database collection instruments and contain all necessary data elements.

(6) The pharmacist-in-charge of each reporting pharmacy shall submit a report on a form approved by the division including:

(a) the pharmacy name;

(b) NABP number;

(c) the period of time covered by each submission of data;

(d) the number of prescriptions in the submission;

(e) the submitting pharmacist's signature attesting to the accuracy of the report; and

(f) the date the submission was prepared.

R156-37-609a. Controlled Substance Database - Reporting Procedure and Format for Submission to the Database for Pharmacies and Pharmacy Groups Selected by the Division for the Real Time Pilot Program.

(1) In accordance with Subsection 58-37-7.8(8), the information required under Section 58-37-7.5 shall be submitted to the Division's database manager by licensees designated by the Division to participate in the real time reporting pilot program in the following format:

(a) electronic data via telephone modem; and

(b) electronic data stored on floppy disk or compact discs (CD);

(c) electronic data sent via electronic mail (e-mail) if encrypted and approved by the database manager;

(d) electronic data sent via a secured internet transfer methods, including, but not limited to, FTP site transfer and HyperSend; or

(e) any other electronic method preapproved by the database manager.

(2) Each pharmacy or pharmacy group shall enter and submit data required under Section 58-37-7.5 on a daily basis each day that the pharmacy or pharmacy group is open for business or the data reporting entity of the pharmacy or pharmacy group is open for business.

(3) The format for submission to the database shall be in accordance with the uniform formatting developed by the American Society for Automation in Pharmacy System (ASAP).

The Division may approve alternative formats.

(4) The pharmacist-in-charge of each reporting pharmacy or pharmacy group shall be responsible for compliance with this rule.

(5) In accordance with Subsection 58-37-7.8(1)(a)(i), the pilot area is designated as the entire state of Utah. Any pharmacy or pharmacy group that submits information to the database based upon information available at the time of dispensing to the ultimate user is eligible and may participate in the Real Time Pilot Program.

R156-37-609b. Controlled Substance Database - Limitations on Access to Real Time Database Information - Individuals Allowed to Access - Standards and Procedures for Access to Real Time Pilot Program.

(1) In accordance with Subsection 58-37-7.8(8), access to information contained in the controlled substance database is limited to individuals who are designated by the Division to participate in the real time pilot program, as follows:

(a) personnel employed by federal, state and local law enforcement agencies;

(b) pharmacists licensed to dispense controlled substances in Utah;

(c) practitioners licensed to prescribe controlled substances in Utah; and

(d) employees of the Department of Health who have previously been approved by the Division to access controlled substance database information in furtherance of the Pain Medication Management and Education Program.

(2) All individuals who are granted access to information in the controlled substance database via the real time pilot program shall provide any documentation requested by the Division's database manager to confirm the individual's identity. The individual will then be provided a username, password, and PIN number by which the individual will access the information contained in the database. Pursuant to Subsection 58-37-7.5 (9), (10), and (11), it is unlawful for an authorized user to allow another individual to use the authorized user's assigned username, password and PIN number.

(3) Personnel employed by federal, state, and local law enforcement agencies may access only information related to a current investigation involving controlled substances being conducted by that agency.

(4) Pharmacists licensed to dispense controlled substances in Utah may access only information related specifically to a current patient to whom that pharmacist is dispensing or is considering dispensing any controlled substance.

(5) Practitioners licensed to prescribe controlled substances in Utah may access only information related specifically to a current patient of the practitioner, to whom the practitioner is prescribing or is considering prescribing any controlled substance.

(6) Employees of the Department of Health who have been previously approved by the Division to access controlled substance database information in furtherance of the Pain Medication Management and Education Program may access only information in order to conduct scientific studies to evaluate opioid use and opioid-related morbidity and ways to reduce deaths and other harm from improper or risky prescribing and dispensing practices as codified in Section 26-1-36.

R156-37-610. Controlled Substance Database - Limitations on Access to Database Information - Standards and Procedures for Identifying Individuals Requesting Information.

(1) In accordance with Subsections 58-37-7.5(8)(a) and (b), the division director shall designate in writing those individuals within the division who shall have access to the information in the database.

(2) Personnel from federal, state or local law enforcement agencies may obtain information from the database if the information relates to a current investigation being conducted by such agency. The manager of the database may also provide information from the database to such agencies on his own volition when the information may reasonably constitute a basis for investigation relative to violation of state or federal law.

(3) In accordance with Subsections 58-37-7.5(5)(c), (6)(b), (7)(b), and (8)(d) and (e), the database manager may provide information from the database to licensed practitioners having authority to prescribe controlled substances and to licensed pharmacists having authority to dispense controlled substances. The database manager may provide the information on his own volition to accomplish the stated purposes set forth in Subsection 58-37-7.5(5).

(4) Any individual may request information in the database relating to that individual's controlled substances receipt history. An individuals may not request or receive an accounting of persons or entities that have requested or received information about the individual. Upon request for database information on an individual who is the recipient of a controlled substance prescription entered in the database, the manager of the database shall make available database information exclusively relating to that particular individual's controlled substance receipt history under the following limitations and conditions:

(a) The requestor seeking database information personally appears before the manager of the database, or a designee, with picture identification confirming his identity as the same person on whom database information is sought.

(b) The requestor seeking database information submits a signed and notarized request executed under the penalty of perjury verifying his identity as the same person on whom database information is sought, and providing their full name, home and business address, date of birth, and social security number.

(c) The requestor seeking database information presents a power of attorney over the person on whom database information is sought and further complies with the following:

(i) submits a signed and notarized request executed by the requestor under the penalty of perjury verifying that the grantor of the power of attorney is the same person on whom database information is sought, including the grantor's full name, address, date of birth, and social security number; and

(ii) personally appears before the manager of the database with picture identification to verify personal identity, or otherwise submits a signed and notarized statement executed by the requestor under the penalty of perjury verifying his identity as that of the person holding the power of attorney.

(d) The requestor seeking database information presents verification that he is the legal guardian of an incapacitated person on whom database information is sought and further complies with the following:

(i) submits a signed and notarized request executed by the requestor under the penalty of perjury verifying that the incapacitated ward of the guardian is the same person on whom database information is sought, including the ward's full name, address, date of birth, and social security number; and

(ii) personally appears before the manager of the database with picture identification to verify personal identity, or otherwise submits a signed and notarized statement executed by the requestor under the penalty of perjury verifying his identity as that of the legal guardian of the incapacitated person.

(e) The requestor seeking database information shall present a release-of-records statement from the person on whom database information is sought and further complies with the following:

(i) submits a verification from the person on whom database information is sought consistent with the requirements

set forth in paragraph (4)(b);

(ii) submits a signed and notarized release of records statement executed by the person on whom database information is sought authorizing the manager of the database to release the relevant database information to the requestor; and

(iii) personally appears before the manager of the database with picture identification to verify personal identity, or otherwise submits a signed and notarized statement executed by the requestor under the penalty of perjury verifying his identity as that of the requestor identified in the release of records;

(5) Before data is released upon oral request, a written request may be required and received.

(6) Database information may be disseminated either orally, by facsimile or by U.S. mail.

(7) The Utah Department of Health may access Database information for purposes of scientific study regarding public health. To access information, the scientific investigator must:

(a) show the research is an approved project of the Utah Department of Health;

(b) provide a description of the research to be conducted including a research protocol for the project and a description of the data needed from the Database to conduct that research;

(c) provide assurances and a plan that demonstrates all Database information will be maintained securely, with access only permitted by the scientific investigator;

(d) provide for electronic data to be stored on a secure database computer system with access only allowed by the scientific investigator; and

(e) pay all relevant expenses for data transfer and manipulation.

KEY: controlled substances, licensing
April 21, 2009 **58-1-106(1)(a)**
Notice of Continuation March 15, 2007 **58-37-6(1)(a)**
58-37-7.5(7)

R156. Commerce, Occupational and Professional Licensing.
R156-40. Recreational Therapy Practice Act Rule.
R156-40-101. Title.

This rule is known as the "Recreational Therapy Practice Act Rule".

R156-40-102. Definitions.

In addition to the definitions in Title 58, Chapters 1 and 40, as used in Title 58, Chapters 1 and 40 or this rule:

(1) "Approved graduate degree in recreation therapy or a graduate degree with an approved emphasis in recreation therapy", as used in Subsection 58-40-5(1)(a)(i), means an earned graduate degree which includes a minimum of nine semester hours or 12 quarter hours of upper division or graduate level course work in recreation therapy.

(2) "CTRS" means a person certified as a Certified Therapeutic Recreation Specialist by the National Council for Therapeutic Recreation Certification.

(3) "Full-time, on-site", as used in Subsections 58-40-5(3)(c), 58-40-6(3)(a)(i) and (3)(b)(i), means an individual who is employed on the premises with the hiring agency for a minimum of 30 hours per week.

(4) "Maintain the on-going documentation", as used in Subsection 58-40-6(3)(b), means:

(a) collecting data for the assessment process;

(b) documenting the on-going treatment or intervention provided to clients according to the treatment plan; and

(c) providing periodic review of client status according to agency regulations.

(5) "MTRS" means a person licensed as a master therapeutic recreation specialist.

(6) "NCTRC" means the National Council for Therapeutic Recreation Certification.

(7) "Supervision", as used in Subsections 58-40-5(3)(c), 58-40-6(1)(a), (2)(b), (3)(a)(i) and (3)(b)(i), means full-time, on-site oversight by a MTRS or TRS of the recreation therapy services offered.

(8) "Supervision of a temporary TRS", as used in Subsection R156-40-302e(d), means that the MTRS or TRS supervisor is responsible for the recreation therapy activities performed by the temporary TRS and will review and approve the treatment plans as well as any modifications to the treatment plans as evidenced by the signature of the MTRS or TRS in the treatment plan.

(9) "TRS" means a person licensed as a therapeutic recreation specialist.

(10) "TRT" means a person licensed as a therapeutic recreation technician.

(11) "Unprofessional conduct" is defined in Title 58, Chapters 1 and 40.

R156-40-103. Authority - Purpose.

This rule is adopted by the division under the authority of Subsection 58-1-106(1)(a) to enable the division to administer Title 58, Chapter 40.

R156-40-104. Organization - Relationship to Rule R156-1.

The organization of this rule and its relationship to Rule R156-1 is as described in Section R156-1-107.

R156-40-302a. Qualifications for Licensure - Education Requirements.

In accordance with Section 58-40-5, the educational requirements for licensure include:

(1) A MTRS applicant shall:

(a) have a current NCTRC certification as a CTRS or a current license as a TRS; and

(b) document completion of the education and 4000 hours of paid experience while nationally certified as a CTRS or licensed as a TRS.

(2) A TRS applicant shall:

(a) have a current NCTRC certification as a CTRS; and

(b) document completion of the education and practicum requirements for licensure as a TRS.

(3) A TRT applicant shall:

(a) have an approved educational course in therapeutic recreation taught by a MTRS, as required by Subsection 58-40-5(3)(b)(i), which shall consist of 90 hours of structured education under the instruction and direction of a licensed MTRS, or if completed out of state, under the direction of a nationally certified CTRS, which includes:

(i) theories and concepts of recreation therapy;

(ii) the therapeutic recreation process;

(iii) characteristics of illness and disability and their effects on leisure;

(iv) medical and psychiatric terminology including psychiatric, pharmacology and abbreviations;

(v) ethics;

(vi) role and function of other health and human service professionals, including: agencies, medical specialists and allied health professionals; and

(vii) health and safety.

R156-40-302b. Qualifications for Licensure - Experience Requirements.

In accordance with Section 58-40-5, the experience requirements for licensure include:

(1) A MTRS is required to complete 4000 hours of paid experience, as required by Subsection 58-40-5(1)(a)(ii), which means an individual must work as a TRS in Utah in a paid position practicing recreation therapy and/or work outside of Utah as a CTRS in a paid position practicing recreation therapy as defined in Subsection 58-40-2(4)(a) and (b) for 4000 hours.

(2) A TRS is required to complete an approved practicum, as required by Subsection 58-40-5(2)(b), which means a practicum verified on the degree transcript.

(3) A TRT is required to complete an approved practicum, as required by Subsection 58-40-5(3)(c), which means 125 hours of field work experience to be completed over a duration of not more than nine months under the direction of a licensed MTRS or TRS supervisor, that includes:

(a) a minimum of ten hours of face to face supervision by the MTRS or TRS supervisor;

(b) training in the therapeutic recreation process as defined in Subsections 58-40-2(4)(a) and (b);

(c) interdisciplinary contact;

(d) administration contact; and

(e) community relations.

R156-40-302c. Qualifications for Licensure - Examination Requirements.

In accordance with Subsections 58-40-5(1)(e), 58-40-5(2)(f) and 58-40-5(3)(g), applicants for licensure shall pass the following examinations:

(1) Applicants for licensure as a MTRS or TRS shall pass the NCTRC certification examination as evidenced by a current NCTRC certification as a CTRS.

(2) Applicants for licensure as a TRT shall pass the Utah Recreation Therapy Theory Examination for TRT with a minimum passing score of 70%.

R156-40-302d. Time Limitation for TRT applicants.

(1) In accordance with Subsection 58-40-5(3) and Sections R156-40-302a, R156-40-302b and R156-40-302c, a TRT applicant shall pass the examination and apply for licensure after completion of the 125 practicum hours required under Subsection R156-40-302b(3) and must do so within the same nine month period referred to in that Subsection.

(2) A TRT applicant who does not complete the education, practicum and examination within nine months is not eligible to be employed as a TRT in a therapeutic recreation department.

(3) A TRT student who does not seek licensure within two years after completion of the education course shall retake the education, practicum and pass the examination prior to applying for licensure.

R156-40-302e. Qualifications for Supervision.

"Supervision of a therapeutic recreation technician", as used in Subsection 58-40-6(3)(a)(i) and (3)(b)(i), means that the MTRS or TRS supervisor is responsible for:

(1) providing on-site training, observation, direction and evaluation, as defined in Subsection 58-40-2(4)(b), to include:

(a) reviewing the recreation therapy intervention performed by the TRT as defined by the treatment plan;

(b) demonstrating periodic review and evaluation of ongoing documentation;

(c) reviewing the recreation therapy program according to administrative and governing regulations; and

(d) reviewing and evaluating adherence to the standards of the profession.

R156-40-302f. Qualifications for Temporary License as a TRS - Supervision Required.

(1) In accordance with Section 58-1-303, an applicant for temporary licensure as a TRS shall:

(a) submit an application for temporary license in the form prescribed by the division which includes a verification that the applicant has registered and been approved to take the next available NCTRC examination;

(b) pay a fee determined by the department under Section 63J-1-504;

(c) meet all the requirements for licensure, except passing the NCTRC examination; and

(d) practice recreation therapy under the supervision of a Utah licensed TRS or MTRS as defined in Subsection R156-40-102(8).

(2) The temporary license will not be issued for a period greater than ten months.

(3) The temporary license will not be renewed or extended for any purpose.

R156-40-303. Renewal Cycle - Procedures.

(1) In accordance with Subsection 58-1-308(1), the renewal date for the two-year renewal cycle applicable to licenses under Title 58, Chapter 40 is established by rule in Section R156-1-308.

(2) Renewal procedures shall be in accordance with Section R156-1-308.

KEY: licensing, recreational therapy
December 22, 2008 58-40-1
Notice of Continuation September 19, 2006 58-1-106(1)(a)
58-1-202(1)(a)

R156. Commerce, Occupational and Professional Licensing.
R156-49. Dietitian Certification Act Rule.
R156-49-101. Title.
This rule is known as the "Dietitian Certification Act Rule".

R156-49-102. Definitions.
In addition to the definitions in Title 58, Chapters 1 and 49, as used in Title 58, Chapters 1 and 49 or this rule:
(1) "CDR" means the Commission on Dietetic Registration which is the credentialing agency for the American Dietetic Association.
(2) "Competency examination", as used in Subsection 58-49-4(4), means the Registration Examination for Dietitians established by the CDR.
(3) "Internship or pre-planned professional baccalaureate or post-baccalaureate experience", as used in Subsection 58-49-4(3), means completion of the supervised practice requirements established by the CDR.
(4) "Under the supervision of a certified dietitian", as used in Subsection R156-49-304(1)(d), means that the supervising certified dietitian is responsible for the dietetic activities performed by the temporary certificate holder.

R156-49-103. Authority - Purpose.
This rule is adopted by the division under the authority of Subsection 58-1-106(1)(a) to enable the division to administer Title 58, Chapter 49.

R156-49-104. Organization - Relationship to Rule R156-1.
The organization of this rule and its relationship to Rule R156-1 is as described in Section R156-1-107.

R156-49-302. Qualification for Licensure - CDR Registered Dietitian.
In accordance with Section 58-49-4, CDR registration as a Registered Dietitian is documentation that an individual has completed the requirements of Subsection 58-49-4(2), (3) and (4).

R156-49-303. Renewal Cycle - Procedures.
(1) In accordance with Subsection 58-1-308(1), the renewal date for the two-year renewal cycle applicable to licensees under Title 58, Chapter 49 is established by rule in Section R156-1-308.
(2) Renewal procedures shall be in accordance with Section R156-1-308.

R156-49-304. Temporary Dietitian Certificate - Supervision Required.
(1) In accordance with Section 58-1-303, an applicant for temporary dietitian certification shall:
(a) submit an application for temporary dietitian certification in the form prescribed by the division;
(b) pay a fee determined by the department under Section 63J-1-504;
(c) meet all the requirements for certification, except passing the CDR Registration Examination; and
(d) practice dietetics only under the supervision of a certified dietitian.
(2) The temporary certificate will not be issued for a period greater than 10 months.
(3) The temporary certificate will not be renewed or extended for any purpose.

KEY: licensing, dietitians
October 19, 1998 **58-49-1**
Notice of Continuation March 24, 2008 **58-1-106(1)(a)**
58-1-202(1)(a)

R156. Commerce, Occupational and Professional Licensing.
R156-54. Radiology Technologist and Radiology Practical Technician Licensing Act Rule.
R156-54-101. Title.

This rule is known as the "Radiology Technologist and Radiology Practical Technician Licensing Act Rule."

R156-54-102. Definitions.

In addition to the definitions in Title 58, Chapters 1 and 54, as used in Title 58, Chapters 1 and 54 or this rule:

(1) "ARRT" means the American Registry of Radiologic Technologists.

(2) "Practice as a radiology practical technician" means using radiological equipment limited to specific radiographic procedures on specific parts of the human anatomy as contained in the American Registry of Radiologic Technologists (ARRT) "Content Specifications for the Examination for the Limited Scope of Practice in Radiography", effective January 2006, which is hereby incorporated by reference.

(3) "Supervision", "general supervision" or "direct supervision" as used in Subsections 58-54-2(5), (6) and (7) and Section 58-54-8 means that the supervising radiologist or radiology practitioner shall be available for consultation while the radiology technologist or the radiology practical technician is performing any radiographic procedures. Consultation may be in person, by telephone, by radio or any other means of direct verbal communication. The supervising radiologist or radiology practitioner shall be responsible for the radiographic procedures performed by the radiology technologist or the radiology practical technician.

(4) "Unprofessional conduct" as defined in Title 58, Chapters 1 and 54, is further defined, in accordance with Subsection 58-1-203(5), in Section R156-54-502.

R156-54-103. Authority - Purpose.

This rule is adopted by the division under the authority of Subsection 58-1-106(1)(a) to enable the division to administer Title 58, Chapter 54.

R156-54-104. Organization - Relationship to Rule R156-1.

The organization of this rule and its relationship to Rule R156-1 is as described in Section R156-1-107.

R156-54-301. Equivalent Education Requirements for Licensure as a Radiology Technologist.

In accordance with Subsection 58-54-5(2)(a), a four year bachelors of science degree in radiology is an equivalent radiological educational program approved for licensure as a radiology technologist.

R156-54-302a. Examination Requirements - Radiology Technologist.

In accordance with Subsection 58-54-5(2)(b), the examination requirement for licensure as a radiology technologist requires passing:

(1) an applicable American Registry of Radiologic Technologists (ARRT) Examination in Radiology Technology. The exams are:

(a) Radiography;

(b) Nuclear Medicine Technology;

(c) Radiation Therapy Technology; or

(2) the Nuclear Medicine Technology Certification Board Examination.

R156-54-302b. Examination Requirements - Radiology Practical Technician.

In accordance with Subsection 58-54-5(3), the examination requirement for licensure as a radiology practical technician requires passing:

(1) the ARRT Limited Scope of Practice in Radiography Examination with a minimum score of 75% for the following:

(a) core; and

(b) one or more of the following sections:

(i) chest;

(ii) extremities;

(iii) skull/sinuses;

(iv) spine; and

(v) podiatric; or

(2) the ARRT Bone Densitometry Equipment Operators Examination (BDEO) with a minimum score of 75%.

R156-54-303. Renewal Cycle - Procedures.

(1) In accordance with Subsection 58-1-308(1), the renewal date for the two-year renewal cycle applicable to licensees under Title 58, Chapter 54 is established by rule in Section R156-1-308.

(2) Renewal procedures shall be in accordance with Section R156-1-308.

R156-54-304. Professional Education.

(1) In accordance with Subsection 58-54-6(2), each licensee shall be required to complete a program of professional education during each two year period commencing June of each odd numbered year.

(2) The required number of hours of professional education for an individual who first becomes licensed during the two year period shall be decreased in a pro-rata amount equal to any part of that two year period preceding the date on which that individual first becomes licensed.

(3) Qualified professional education under this section shall:

(a) be relevant to the licensee's professional practice;

(b) be prepared and presented by individuals who are qualified by education, training and experience; and

(c) have a method of verification of attendance.

(4) Unlimited hours of professional education shall be recognized for professional education completed in blocks of time not less than 50 minutes in formally established classroom courses, seminars, lectures, labs, training sessions or conferences which are approved by or conducted under the sponsorship of:

(a) an accredited institution of higher education;

(b) American Society of Radiologic Technologists or other similar professional organizations;

(c) an acute care hospital or medical treatment facility; or

(d) a professional association representing one of the licensed professions regularly engaged in radiologic procedures.

(5) Ten hours of professional education shall be recognized on a one time basis for passing the Utah Radiology Technologist and Radiology Practical Technician Law and Rule Examination if the exam was not required at the time of licensure.

(6) Each licensee shall be responsible for keeping documentation of his professional education hours for a period of four years after close of the two year period to which the records pertain.

(7) A licensee who has a serious health condition or has left the United States for an extended period of time which prevent the licensee from meeting the professional education requirements established under this section may be excused from the requirement for that period of time. However, it is the responsibility of the licensee to document the reasons and justify why the requirement could not be met.

R156-54-502. Unprofessional Conduct.

"Unprofessional conduct" includes:

(1) performing mammography when not in compliance with the Utah State Department of Health, Bureau of Health

Facility Licensure, Mammography Quality Assurance Rules, R432-950;

(2) performing a radiological procedure without having first passed the appropriate qualifying examination;

(3) performing a radiological procedure when not supervised in accordance with Section R156-54-102(2); and

(4) failing to conform to the generally accepted and recognized standards and ethics of the profession including those established in the ARRT "Standards of Ethics", July 1, 2005 edition, which is hereby incorporated by reference.

KEY: licensing, radiology technologists, radiology practical technicians

April 21, 2009 **58-54-1**

Notice of Continuation January 9, 2007 **58-1-106(1)(a)**

58-1-202(1)(a)

R156. Commerce, Occupational and Professional Licensing.
R156-55d. Utah Construction Trades Licensing Act Burglar Alarm Licensing Rule.
R156-55d-101. Title.

This rule is known as the "Utah Construction Trades Licensing Act Burglar Alarm Licensing Rule".

R156-55d-102. Definitions.

In addition to the definitions in Title 58, Chapters 1 and 55, as used in Title 58, Chapters 1 and 55, or this rule:

(1) "Individual employed", as used in Subsection 58-55-102(2), means an individual who is an employee of a licensed burglar alarm company and who has or could have access to knowledge of specific applications.

(2) "Employee", as used in Subsections 58-55-102(14) and R156-55d-102(1), means an individual providing labor services for compensation who has federal and state taxes withheld and worker's compensation and unemployment insurance provided by the individual's employer.

(3) "Knowledge of specific applications", as used in Subsection R156-55d-102(1), means obtaining specific information about any premises which is protected or is to be protected by an alarm system. This knowledge is gained through access to records, on-site visits or otherwise gathered through working for an alarm business or company.

(4) "Unprofessional conduct", as defined in Title 58, Chapters 1 and 55, is further defined, in accordance with Subsection 58-1-203(1), in Section R156-55d-502.

R156-55d-103. Authority - Purpose.

This rule is adopted by the division under the authority of Subsection 58-1-106(1)(a) to enable the Division to administer Title 58, Chapter 55.

R156-55d-104. Organization - Relationship to Rule R156-1.

The organization of this rule and its relationship to Rule R156-1 is as described in Section R156-1-107.

R156-55d-302a. Qualifications for Licensure - Application Requirements.

(1) An application for licensure as an alarm company shall include:

(a) a record of criminal history or certification of no record of criminal history with respect to the applicant's qualifying agent, issued by the Bureau of Criminal Identification, Utah Department of Public Safety;

(b) two fingerprint cards containing:

(i) the fingerprints of the applicant's qualifying agent;

(ii) the fingerprints of each of the applicant's officers, directors, shareholders owning more than 5% of the stock of the company, partners, and proprietors; and

(iii) the fingerprints of each of the applicant's management personnel who will have responsibility for any of the company's operations as an alarm company within the state;

(c) a fee established in accordance with Section 63J-1-504 equal to the cost of conducting a check of records of the Federal Bureau of Investigation, and the Bureau of Criminal Identification, Utah Department of Public Safety, for each individual for whom fingerprints are required under Subsection (1)(b); and

(d) a copy of a current photo identification for each individual for whom fingerprints are required under Subsection (1)(b). Acceptable photo identification shall include:

(i) a driver license issued by a state of the United States of American or Washington, District of Columbia; or

(ii) an identification card issued by the state of Utah.

(2) An application for license as an alarm company agent shall include:

(a) a record of criminal history or certification of no record of criminal history with respect to the applicant, issued by the Bureau of Criminal Identification, Utah Department of Public Safety;

(b) two fingerprint cards containing the fingerprints of the applicant;

(c) a fee established in accordance with Section 63J-1-504 equal to the cost of conducting a check of records of the Federal Bureau of Investigation, and the Bureau of Criminal Identification, Utah Department of Public Safety, regarding the applicant; and

(d) a copy of a current photo identification for the applicant. Acceptable identification shall include:

(i) a driver license issued by a state of the United States of America or Washington, District of Columbia; or

(ii) an identification card issued by the state of Utah.

R156-55d-302c. Qualifications for Licensure - Experience Requirements.

In accordance with Subsections 58-1-203(1) and 58-1-301(3) the experience requirements for an alarm company applicant's qualifying agent in Subsection 58-55-302(3)(k)(i) are established as follows:

(1) an applicant shall have within the past ten years:

(a) not less than 6,000 hours of experience in a lawfully operated alarm company business of which not less than 2,000 hours shall have been in a managerial, supervisory, or administrative position; or

(b) not less than 6,000 hours of experience in a lawfully operated alarm company business combined with not less than 2,000 hours of managerial, supervisory, or administrative experience in a lawfully operated construction company;

(2) all experience under Subsection (1) shall be under the immediate supervision of the applicant's employer as defined in Subsection 58-55-102(20);

(3) all experience must be obtained while lawfully engaged as an alarm company agent and working for a lawfully operated burglar alarm company;

(4) 2,000 hours of work experience constitutes one year (12 months) of work experience;

(5) an applicant may claim no more than 2,000 hours of work experience in any 12 month period; and

(6) no credit shall be given for experience obtained illegally.

R156-55d-302d. Qualifications for Licensure - Examination Requirements.

In accordance with Subsections 58-1-203(1) and 58-1-301(3), the examination requirements for an alarm company applicant's qualifying agent in Subsection 58-55-302(3)(k)(i)(C) are defined, clarified, or established in that an individual to be approved as a qualifying agent of an alarm company shall:

(1) pass the Utah Burglar Alarm Law and Rule Examination with a score of not less than 75%;

(2) pass the Burglar Alarm Qualifier Examination with a score of not less than 75%; and

(3) an applicant for licensure who fails an examination may retake the failed examination as follows:

(a) no sooner than 30 days following any failure, up to three failures; and

(b) no sooner than six months following any failure thereafter.

R156-55d-302e. Qualifications for Licensure - Insurance Requirements.

In accordance with Subsections 58-1-203(1) and 58-1-301(3), the insurance requirements for licensure as an alarm company in Section 58-55-302(3)(k)(ix)(A)are defined, clarified, or established as follows:

(1) an applicant for an alarm company license shall file

with the Division a "certificate of insurance" issued by an insurance company or agent licensed in the state demonstrating the applicant is covered by comprehensive public liability coverage in an amount of not less than $300,000 for each incident, and not less than $1,000,000 in total;

(2) the terms and conditions of the policy of insurance coverage shall provide that the Division shall be notified if the insurance coverage terminates for any reason; and

(3) all licensed alarm companies shall have available on file and shall present to the Division upon demand, evidence of insurance coverage meeting the requirements of this section for all periods of time in which the alarm company is licensed in this state as an alarm company.

R156-55d-302f. Qualifications for Licensure - Good Moral Character - Disqualifying Convictions.

(1) In addition to those criminal convictions prohibiting licensure as set forth in Subsections 58-55-302(3)(k)(vi) and (3)(l)(iii), the following is a list of criminal convictions which may disqualify a person from obtaining or holding a burglar alarm company or a burglar alarm company agent's license:

(a) crimes against a person as defined in Title 76, Chapter 5, Parts 1 and 2;

(b) theft/larceny, including retail theft, as defined in Title 76, Chapter 6;

(c) sex offenses as defined in Title 76, Chapter 5, Part 4;

(d) any offense involving controlled substances;

(e) fraud;

(f) forgery;

(g) perjury, obstructing justice and tampering with evidence;

(h) conspiracy to commit any of the offenses listed herein;

(i) burglary

(j) escape from jail, prison or custody;

(k) false or bogus checks;

(l) pornography;

(m) any attempt to commit any of the above offenses; or

(n) two or more convictions for driving under the influence of alcohol within the last three years.

(2) Applications for licensure or renewal of licensure shall be considered on a case by case basis taking into consideration the following:

(a) the conduct involved;

(b) the potential or actual injury caused by the applicant's conduct; and

(c) the existence of aggravating or mitigating factors.

R156-55d-303. Renewal Cycle - Procedure.

(1) In accordance with Subsection 58-1-308(1), the renewal date for the two year renewal cycle applicable to licensees under Title 58, Chapter 55, is established by rule in Section R156-1-308a.

(2) Renewal procedures shall be in accordance with Section R156-1-308.

R156-55d-304. Renewal Requirement - Demonstration of Clear Criminal History.

(1) In accordance with Subsections 58-1-203(1), 58-1-308(3)(b), and 58-55-302(4), there is created as a requirement for renewal or reinstatement of any license of an alarm company or alarm company agent a demonstration of clear criminal history for each alarm company qualifying agent and for each alarm company agent.

(2) The criminal history background check shall be performed by the Division and is not required to be submitted by the applicant.

(3) If the criminal background check discloses the applicant has a criminal history, the Division shall evaluate the criminal history in accordance with Sections 58-55-302 and R156-5d-302f to determine appropriate licensure action.

R156-55d-306. Change of Qualifying Agent.

In accordance with Subsection 58-55-304(6), an alarm company whose qualifier has ceased association or employment shall file with the Division an application for change of qualifier on forms provided by the Division accompanied by a record of criminal history or certification of no record of criminal history, fee, fingerprint cards, and copy of an identification as required under Subsection R156-55d-302a(1).

R156-55d-502. Unprofessional Conduct.

"Unprofessional conduct" includes:

(1) failing as an alarm company to notify the Division of the cessation of performance of its qualifying agent or failing to replace its qualifying agent as required under Section R156-55d-306;

(2) failing as an alarm company agent to carry or display a copy of the licensee's license as required under Section R156-55d-601;

(3) failing as an alarm agent to carry or display a copy of his National Burglar and Fire Alarm Association (NBFAA) level one certification or equivalent training as required under Section R156-55d-603;

(4) employing as an alarm company a qualifying agent or alarm company agent knowing that individual has engaged in conduct inconsistent with the duties and responsibilities of an alarm company agent.

(5) failing to comply with operating standards established by rule;

(6) a judgment on, or a judicial or prosecutorial agreement concerning a felony, or a misdemeanor involving moral turpitude, entered against an individual by a federal, state or local court, regardless of whether the court has made a finding of guilt, accepted a plea of guilty or nolo contendere by an individual, or a settlement or agreement whereby an individual has entered into participation as a first offender, or an action of deferred adjudication, or other program or arrangement where judgment or conviction is withheld;

(7) making false, misleading, deceptive, fraudulent, or exaggerated claims with respect to the need for an alarm system, the benefits of the alarm system, the installation of the alarm system or the response to the alarm system by law enforcement agencies; and

(8) an alarm business or company having a residential or commercial false alarm rate 100% above the average of the residential or commercial false alarm rate of the municipality or county jurisdiction in which the alarm business or company's alarm systems are located.

R156-55d-503. Administrative Penalties.

The administrative penalties defined in Section R156-55a-503 of the Utah Construction Trades Licensing Act Rule are hereby adopted and incorporated by reference.

R156-55d-601. Display of License.

An alarm company agent shall carry on his person at all times while acting as an alarm company agent a copy of his license and shall display that license upon the request of any person to whom the agent is representing himself as an alarm company agent, and upon the request of any law enforcement officer or representative of the Division.

R156-55d-602. Operating Standards - Alarm Equipment.

In accordance with Subsection 58-55-308(1), the following standards shall apply with respect to equipment and devices assembled as an alarm system:

(1) An alarm system installed in a business or public building shall utilize equipment equivalent to or exceeding

minimum Underwriters Laboratories, or the National Electrical Code standards for alarm system equipment.

(2) An alarm system installed in a residence shall utilize equipment equivalent to or exceeding minimum Underwriters Laboratories, or the National Electrical Code standards for residence alarm systems.

R156-55d-603. Operating Standards - Alarm Installer.

In accordance with Subsection 58-55-308(1), the operating standards for the installer of an alarm system include the following:

(1) An alarm agent must be fully trained in the installation of an alarm system in accordance with the National Burglar and Fire Alarm Association (NBFAA) level one certification or equivalent training requirements prior to the alarm agent installing any alarm system in any residence, business, or public building within the state.

(2) An alarm agent upon receiving initial licensure may work under the direct supervision of an alarm agent who has level one certification for a period of six months from the time of initial licensure without being required to hold a level one certificate.

(3) An alarm agent shall carry evidence of the NBFAA level one certification or equivalent training with him at all times.

R156-55d-604. Operating Standards - Alarm System User Training.

In accordance with Subsection 58-55-308(1), the operating standards for the installation of an alarm system including the following:

(1) Upon completion of the installation of an alarm system by an alarm business or company, the installing alarm agent shall review with the alarm user, or in the case of a company, its employees, the operation of the alarm system to ensure that the user understands the function of the alarm system.

(2) The alarm business or company shall maintain training records, including installer and user false alarm prevention checklists, the dates of the training and the location of the training on each alarm system installed. These records shall be maintained in the files of the alarm business or company for at least three years from the date of the training.

KEY: licensing, alarm company, burglar alarms

November 24, 2008	**58-55-101**
Notice of Continuation June 28, 2005	**58-1-106(1)(a)**
	58-1-202(1)(a)
	58-55-302(3)(k)
	58-55-302(3)(l)
	58-55-302(4)
	58-55-308

R156. Commerce, Occupational and Professional Licensing.
R156-56. Utah Uniform Building Standard Act Rules.
R156-56-101. Title.

These rules are known as the "Utah Uniform Building Standard Act Rules".

R156-56-102. Definitions.

In addition to the definitions in Title 58, Chapters 1, 55 and 56, as used in Title 58, Chapter 56 or these rules:

(1) "Building permit" means, for the purpose of determining the building permit surcharge under Subsection 58-56-9(4), a warrant, license or authorization to build or construct a building or structure or any part thereof.

(2) "Building permit fee" means, for the purpose of determining the building permit surcharge under Subsection 58-56-9(4), fees assessed by an agency of the state or political subdivision of the state for the issuance of permits for construction, alteration, remodeling, and repair and installation including building, electrical, mechanical and plumbing components.

(3) "Different permit number", as used in Sections R156-56-401 and R156-56-402, means a permit number derived from any format other than the standardized building permit described in R156-56-401. The different permit number may refer to a compliance agency's previous permit numbering system.

(4) "Employed by a local regulator, state regulator or compliance agency" means, with respect to Subsection 58-56-9(1), the hiring of services of a qualified inspector whether by an employer/employee relationship, an independent contractor relationship, a fee-for-service relationship or any other lawful arrangement under which the regulating agency purchases the services of a qualified inspector.

(5) "Inspector" means a person employed by a local regulator, state regulator or compliance agency for the purpose of inspecting building, electrical, plumbing or mechanical construction, alteration, remodeling, repair or installation in accordance with the codes adopted under these rules and taking appropriate action based upon the findings made during inspection.

(6) "Permit number", as used in Sections R156-56-401 and R156-56-402, means the 12 digit standardized building permit number described below in R156-56-401.

(7) "Refuses to establish a method of appeal" means with respect to Subsection 58-56-8(3), that a compliance agency does not in fact adopt a formal written method of appealing uniform building standard matters in accordance with generally recognized standards of due process; or, that the compliance agency does not convene an appeals board and render a decision in the matter within ninety days from the date on which the appeal is properly filed with the compliance agency.

(8) "Uniform Building Standards" means the codes identified in Section R156-56-701 and as amended under these rules.

(9) "Unprofessional conduct" as defined in Title 58, Chapter 1 is further defined, in accordance with Subsection 58-1-203(5), in Section R156-56-502.

R156-56-103. Authority.

These rules are adopted by the division under the authority of Subsection 58-1-106(1)(a) to enable the division to administer Title 58, Chapter 56.

R156-56-104. Organization - Relationship to Rule R156-1.

The organization of this rule and its relationship to Rule R156-1 is as described in Section R156-1-107.

R156-56-105. Board of Appeals.

If the commission is required to act as an appeals board in accordance with the provisions of Subsection 58-56-8(3), the following shall regulate the convening and conduct of the special appeals board:

(1) If a compliance agency refuses to establish a method of appeal regarding a uniform building standard issue, the appealing party may petition the commission to act as the board of appeals.

(2) The person making the appeal shall file the request to convene the commission as an appeals board in accordance with the requirements for a request for agency action, as set forth in Subsection 63G-4-201(3)(a) and Section R151-46b-7. A request by other means shall not be considered. Any request received by the commission or division by any other means shall be returned to the appellant with appropriate instructions.

(3) A copy of the final written decision of the compliance agency interpreting or applying a code which is the subject of the dispute shall be submitted as an attachment to the request. If the person making the appeal requests, but does not timely receive a final written decision, the person shall submit an affidavit to this effect in lieu of the final written decision.

(4) The request shall be filed with the division no later than 30 days following the issuance of the disputed written decision by the compliance agency.

(5) The compliance agency shall file a written response to the request not later than 20 days after the filing of the request. The request and response shall be provided to the commission in advance of any hearing in order to properly frame the disputed issues.

(6) Except with regard to the time period specified in Subsection (7), the time periods specified in this section may, upon a showing of good cause, be modified by the presiding officer conducting the proceeding.

(7) The commission shall convene as an appeals board within 45 days after a request is properly filed.

(8) Upon the convening of the commission as an appeals board, the board members shall review the issue to be considered to determine if a member of the board has a conflict of interest which would preclude the member from fairly hearing and deciding the issue. If it is determined that a conflict does exist, the member shall be excused from participating in the proceedings.

(9) The hearing shall be a formal hearing held in accordance with the Utah Administrative Procedures Act, Title 63G, Chapter 4.

(10) Decisions relating to the application and interpretation of the code made by a compliance agency board of appeals shall be binding for the specific individual case and shall not require commission approval.

R156-56-106. Fees.

In accordance with Subsection 58-56-9(4), on April 30, July 31, October 31 and January 31 of each year, each agency of the state and each political subdivision of the state which assesses a building permit fee shall file with the division a report of building fees and surcharge for the immediately preceding calendar quarter; and, shall remit 80% of the amount of the surcharge to have been assessed to the division.

R156-56-201. Building Inspector Licensing Board.

In accordance with Section 58-56-8.5, the board shall be as follows:

(1) one member licensed as a Combination Inspector;

(2) one member licensed as an Inspector who is qualified in the electrical code;

(3) one member licensed as an Inspector who is qualified in the plumbing code;

(4) one member licensed as an Inspector who is qualified in the mechanical code; and

(5) one member shall be from the general public.

R156-56-202. Advisory Peer Committees Created - Membership - Duties.

(1) There is created in accordance with Subsection 58-1-203(1)(f) and 58-56-5(10)(d), the following committees as advisory peer committees to the Uniform Building Codes Commission:

(a) the Education Advisory Committee consisting of nine members, which shall include a design professional, a general contractor, an electrical contractor, a mechanical or plumbing contractor, an educator, and four inspectors (one from each of the specialties of plumbing, electrical, mechanical and general building);

(b) the Plumbing and Health Advisory Committee consisting of nine members;

(c) the Structural Advisory Committee consisting of seven members;

(d) the Architectural Advisory Committee consisting of seven members;

(e) the Fire Protection Advisory Committee consisting of five members;

(i) This committee shall join together with the Fire Advisory and Code Analysis Committee of the Utah Fire Prevention Board to form the Unified Code Analysis Council.

(ii) The Unified Code Analysis Council shall meet as directed by the Utah Fire Prevention Board or as directed by the Uniform Building Code Commission or as needed to review fire prevention and building code issues that require definitive and specific analysis.

(iii) The Unified Code Analysis Council shall select one of its members to act in the position of chair and another to act as vice chair. The chair and vice chair shall serve for one year terms on a calendar year basis. Elections for chair and vice chair shall occur at the meeting conducted in the last quarter of the calendar year.

(iv) The chair or vice chair shall report to the Utah Fire Prevention Board or Uniform Building Code Commission recommendations of the council with regard to the review of fire and building codes;

(f) the Mechanical Advisory Committee consisting of seven members; and

(g) the Electrical Advisory Committee consisting of seven members.

(2) The committees shall be appointed and serve in accordance with Section R156-1-205. The membership of each committee shall be made up of individuals who have direct knowledge or involvement in the area of code involved in the title of that committee.

(3) The duties and responsibilities of the committees shall include:

(a) review of requests for amendments to the adopted codes as assigned to each committee by the division with the collaboration of the commission;

(b) submission of recommendations concerning the requests for amendment; and

(c) the Education Advisory Committee shall review and make recommendations regarding funding requests which are submitted, and review and make recommendations regarding budget, revenue and expenses of the education fund established pursuant to Subsection 58-56-9(4).

R156-56-301. Reserved.

Reserved.

R156-56-302. Licensure of Inspectors.

In accordance with Subsection 58-56-9(1), the licensee classifications, scope of work, qualifications for licensure, and application for license are established as follows:

(1) License Classifications. Each inspector required to be licensed under Subsection 58-56-9(1) shall qualify for licensure and be licensed by the division in one of the following classifications:

(a) Combination Inspector; or

(b) Limited Inspector.

(2) Scope of Work. The scope of work permitted under each inspector classification is as follows:

(a) Combination Inspector.

(i) Inspect the components of any building, structure or work for which a standard is provided in the specific edition of the codes adopted under these rules or amendments to these codes as included in these rules.

(ii) Determine whether the construction, alteration, remodeling, repair or installation of all components of any building, structure or work is in compliance with the adopted codes.

(iii) After determination of compliance or noncompliance with the adopted codes take appropriate action as is provided in the aforesaid codes.

(b) Limited Inspector.

(i) A Limited Inspector may only conduct activities under Subsections (ii), (iii) or (iv) for which the Limited Inspector has maintained current certificates under the adopted codes as provided under Subsections R156-56-302(3)(b) and R156-56-302(2)(c)(ii).

(ii) Subject to the limitations of Subsection (i), inspect the components of any building, structure or work for which a standard is provided in the specific edition of the codes adopted under these rules or amendments to these codes as included in these rules.

(iii) Subject to the limitations under Subsection (i), determine whether the construction, alteration, remodeling, repair or installation of components of any building, structure or work is in compliance with the adopted codes.

(iv) Subject to the limitations under Subsection (i), after determination of compliance or noncompliance with the adopted codes, take appropriate action as is provided in the adopted codes.

(3) Qualifications for Licensure. The qualifications for licensure for each inspector classification are as follows:

(a) Combination Inspector.

Has passed the examination for and maintained as current the following national certifications for codes adopted under these rules:

(i) the "Combination Inspector Certification" issued by the International Code Council; or

(ii) all of the following certifications:

(A) the "Building Inspector Certification" issued by the International Code Council or both the "Commercial Building Inspector Certification" and the "Residential Building Inspector Certification" issued by the International Code Council;

(B) the "Electrical Inspector Certification" issued by the International Code Council or the "General Electrical Certification" issued by the International Association of Electrical Inspectors, or both the "Commercial Electrical Inspector Certification" and the "Residential Electrical Inspector Certification" issued by the International Code Council;

(C) the "Plumbing Inspector Certification" issued by the International Code Council, or both the "Commercial Plumbing Inspector Certification" and the "Residential Plumbing Inspector Certification" issued by the International Code Council; and

(D) the "Mechanical Inspector Certification" issued by the International Code Council or both the "Commercial Mechanical Inspector Certification" and the "Residential Mechanical Inspector Certification" issued by the International Code Council.

(b) Limited Inspector.

Has passed the examination for and maintained as current one or more of the following national certifications for codes adopted under these rules:

(i) the "Building Inspector Certification" issued by the International Code Council;

(ii) the "Electrical Inspector Certification" issued by the International Code Council or the "General Electrical Certification" issued by the International Association of Electrical Inspectors;

(iii) the "Plumbing Inspector Certification" issued by the International Code Council;

(iv) the "Mechanical Inspector Certification" issued by the International Code Council;

(v) the "Residential Combination Inspector Certification" issued by the International Code Council;

(vi) the "Commercial Combination Certification" issued by the International Code Council;

(vii) the "Commercial Building Inspector Certification" issued by the International Code Council;

(viii) the "Commercial Electrical Inspector Certification" issued by the International Code Council;

(ix) the "Commercial Plumbing Inspector Certification" issued by the International Code Council;

(x) the "Commercial Mechanical Inspector Certification issued by the International Code Council;

(xi) the "Residential Building Inspector Certification" issued by the International Code Council;

(xii) the "Residential Electrical Inspector Certification" issued by the International Code Council;

(xiii) the "Residential Plumbing Inspector Certification" issued by the International Code Council;

(xiv) the "Residential Mechanical Inspector Certification" issued by the International Code Council;

(xv) any other special or otherwise limited inspector certifications used by the International Code Council which certifications cover a part of the codes adopted under these rules including but not limited to each of the following: Reinforced Concrete Special Inspector, Prestressed Concrete Special Inspector, Structural Masonry Special Inspector, Structural Steel and Bolting Special Inspection, Structural Welding Special Inspection, Spray Applied Fire Proofing Special Inspector, Residential Energy Inspector, Commercial Energy Inspector;

(xvi) the Certified Welding Inspector Certification issued by the American Welding Society;

(xvii) any other certification issued by an agency specified in Chapter 17 of the IBC or an agency specified in the referenced standards; or

(xviii) any combination certification which is based upon a combination of one or more of the above listed certifications.

(c) If no qualification is listed in the IBC for a special inspector, the special inspector may submit his qualifications to the licensing board for approval.

(4) Application for License.

(a) An applicant for licensure shall:

(i) submit an application in a form prescribed by the division; and

(ii) pay a fee determined by the department pursuant to Section 63J-1-504.

(5) Code transition provisions.

(a) If an inspector or applicant obtains a new, renewal or recertification or replacement national certificate after a new code or code edition is adopted, the inspector or applicant is required to obtain that certification under the currently adopted code or code edition.

(b) After a new code or new code edition is adopted under these rules, the inspector is required to re-certify their national certification to the new code or code edition at the next available renewal cycle of the national certification.

(c) If a licensed inspector fails to obtain the national certification as required in Subsection (a) or (b), their authority to inspect for the area covered by the national certification automatically expires at the expiration date of the national certification that was not obtained as required.

(d) If an inspector recertifies a national certificate on a newer edition of the codes adopted before that newer edition is adopted under these rules, such recertification shall be considered as a current national certification as required by these rules.

(e) If an inspector complies with these transition provisions, the inspector shall be considered to have a current national certification as required by these rules.

R156-56-303. Renewal Cycle - Procedures.

(1) In accordance with Subsection 58-1-308(1), the renewal date for the two-year cycle applicable to licenses under Title 58, Chapter 56 is established by rule in Section R156-1-308.

(2) Renewal procedures shall be in accordance with Section R156-1-308.

R156-56-401. Standardized Building Permit Number.

As provided in Section 58-56-19, beginning on January 1, 2007, any agency issuing a permit for construction within the state of Utah shall use the standardized building permit numbering which includes the following:

(1) The permit number shall consist of 12 digits with the following components in the following order:

(a) digits one, two and three shall be alphabetical characters identifying the compliance agency issuing the permit as specified in the table in Subsection (3);

(b) digits four and five shall be numerical characters indicating the year of permit issuance;

(c) digits six and seven shall be numerical characters indicating the month of permit issuance;

(d) digits eight and nine shall be numerical characters indicating the day of the month on which the permit is issued; and

(e) digits ten, eleven and twelve shall be numerical characters used to distinguish between permits issued by the agency on the same day.

(2) When used in addition to a different permit numbering system, as provided for in Subsection 58-56-19(3)(b), the standardized building permit number shall be clearly identified and labeled as the "state permit number" or "Utah permit number".

(3) The following table establishes the three digit alphabetical character for which the compliance agency shall be identified as provided in Subsection (1)(a):

TABLE
COMPLIANCE AGENCY PERMIT TABLE
FOR STANDARDIZED BUILDING PERMIT
THREE LETTER DESIGNATIONS

Index:
Column 1: City, town, or other compliance agency in which project is located
Column 2: County in which the city, town, or other compliance agency is located
Column 3: City, town or other compliance agency 3 digit designation (Designation is shown for cities, towns, or other compliance agency which issue building permits. If no designation is shown, the building permits for the city, town, or other compliance agency are issued by the county, therefore the county three digit designation should be used)
Column 4: County 3 digit designation

1 City, Town, or other Compliance Agency	2 County	3 City, Town, or other Compliance Agency Designation	4 County Designa-tion
Adamsville	BEAVER		BVR
Alpine	UTAH	ALP	
Alta	SALT LAKE	ALT	

Altamont	DUCHESNE		DCH
Alton	KANE		KAN
Altonah	DUCHESNE		DCH
Amalga	CACHE		CAC
American Fork	UTAH	AFC	
Aneth	SAN JUAN		SJC
Angle	PIUTE		PIU
Annabella	SEVIER		SEV
Antimony	GARFIELD		GRF
Apple Valley	WASHINGTON	AVC	
Aragonite	TOOELE		TOC
Aurora	SEVIER		SEV
Austin	SEVIER		SEV
Avon	CACHE		CAC
Axtell	SANPETE		SPC
Bacchus	SALT LAKE		SCO
Ballard	UINTAH	BAL	
Bauer	TOOELE		TOC
Bear River	BOX ELDER	BRC	
Beaver City	BEAVER		BEA
BEAVER COUNTY			BVR
Beaver Dam	BOX ELDER		BEC
Benjamin	UTAH		UTA
Benson	CACHE		CAC
Beryl	IRON		IRO
Bicknell	WAYNE		WAY
Big Water	KANE	BWM	
Birdseye	UTAH		UTA
Black Rock	MILLARD		MIL
Blanding	SAN JUAN	BLA	
Bloomington Hills	WASHINGTON	STG (part of St. George)	
Bloomington	WASHINGTON	STG (part of St. George)	
Blue Creek	BOX ELDER		BEC
Bluebell	DUCHESNE		DCH
Bluff	SAN JUAN		SJC
Bluffdale	SALT LAKE	BLU	
Bonanza	UINTAH		UTC
Boneta	DUCHESNE		DCH
Bothwell	BOX ELDER		BEC
Boulder	GARFIELD		GRF
Bountiful	DAVIS	BOU	
BOX ELDER COUNTY			BEC
Brian Head	IRON	BHT	
Bridgeland	DUCHESNE		DCH
Brigham	BOX ELDER	BRI	
Brighton	SALT LAKE		SCO
Brookside	WASHINGTON		WSC
Bryce	GARFIELD		GRF
Bullfrog	KANE		KAN
Burmester	TOOELE		TOC
Burrville	SEVIER		SEV
CACHE COUNTY			CAC
Cache Junction	CACHE		CAC
Caineville	WAYNE		WAY
Callao	JUAB		JUA
Camp Williams	UTAH		UTA
Cannonville	GARFIELD		GRF
CARBON COUNTY			CAR
Carbonville	CARBON		CAR
Castle Dale	EMERY		EMR
Castle Rock	SUMMIT		SUM
Castle Valley	GRAND		GRA
Cedar City	IRON	CEC	
Cedar Creek	BOX ELDER		BEC
Cedar Fort	UTAH	CFT	
Cedar Hills	UTAH	CDH	
Cedar Mountain	TOOELE		TOC
Cedar Springs	BOX ELDER		BEC
Cedar Valley	UTAH		UTA
Cedarview	DUCHESNE		DCH
Center Creek	WASATCH		WAC
Centerfield	SANPETE		SPC
Centerville	DAVIS	CEV	
Central	SEVIER		SEV
Central	WASHINGTON		WSC
Central Valley	SEVIER		SEV
Charleston	WASATCH	CHA	
Chester	SANPETE		SPC
Christinburg	SANPETE		SPC
Christmas Meadows	SUMMIT		SUM
Church Wells	KANE		KAN
Circleville	PIUTE	CIR	
Cisco	GRAND		GRA
Clarkston	CACHE		CAC
Clawson	EMERY		EMR
Clear Lake	MILLARD		MIL
Clearcreek	BOX ELDER		BEC
Clearcreek	CARBON		CAR
Clearfield	DAVIS	CLE	
Cleveland	EMERY		EMR
Clinton	DAVIS	CLI	
Clive	TOOELE		TOC
Clover	TOOELE	RUV(became Rush Valley)	
Coalville	SUMMIT	COA	
College Ward	CACHE		CAC
Collinston	BOX ELDER		BEC
Colton	UTAH		UTA
Copperton	SALT LAKE		SCO
Corinne	BOX ELDER	COR	
Cornish	CACHE		CAC
Cottonwood	SALT LAKE		SCO
Cottonwood Heights	SALT LAKE	CHC	
Cove	CACHE		CAC
Cove Fort	MILLARD		MIL
Crescent	SALT LAKE		SCO
Crescent Junction	GRAND		GRA
Croyden	MORGAN		MRG
DAGGETT COUNTY			DAG
Dameron Valley	WASHINGTON		WSC
Daniels	WASATCH	DAN	
DAVIS COUNTY			DAV
Deer Creek	WASATCH		WAC
Delle	TOOELE		TOC
Delta	MILLARD	DEL	
Deseret	MILLARD		MIL
Deseret Mound	IRON		IRO
Devils Slide	MORGAN		MRG
Deweyville	BOX ELDER	DEW	
Diamond Valley	WASHINGTON		WSC
Div of Facilities Construction and Mgmt	(statewide)	FCM	
Dividend	UTAH		UTA
Draper	SALT LAKE	DRA	
Draper City South	UTAH		UTA
Duchesne City	DUCHESNE	DUC	
DUCHESNE COUNTY			DCH
Duck Creek	KANE		KAN
Dugway (Federal)	TOOELE	XXX	
Dutch John	DAGGETT		DAG
Eagle Mountain	UTAH	EMC	
East Carbon	CARBON	ECC	
East Green River	GRAND		GRA
East Millcreek	SALT LAKE		SCO
Eastland	SAN JUAN		SJC
Echo	SUMMIT		SUM
Eden	WEBER		WEB
Elk Ridge	UTAH	ERC	
Elberta	UTAH		UTA
Elmo	EMERY		EMR
Elsinore	SEVIER		SEV
Elwood	BOX ELDER	ELW	
Emery City	EMERY	EME	
EMERY COUNTY			EMR
Emory	SUMMIT		SUM
Enoch	IRON	ENO	
Enterprise	WASHINGTON	ENT	
Ephraim	SANPETE		SPC
Erda	TOOELE		TOC
Escalante	GARFIELD		GRF
Eskdale	MILLARD		MIL
Etna	BOX ELDER		BEC
Eureka	JUAB	EUR	
Fairfield	UTAH		UTA
Fairmont	SEVIER		SEV
Fairview	SANPETE		SPC
Farmington	DAVIS	FAR	
Farr West	WEBER	FAW	
Faust	TOOELE		TOC
Fayette	SANPETE		SPC
Ferron	EMERY		EMR
Fielding	BOX ELDER	FIE	
Fillmore	MILLARD	FIL	
Flowell	MILLARD		MIL
Fort Duchesne	UINTAH		UTC
Fountain Green	SANPETE		SPC
Francis	SUMMIT	FRA	
Freedom	SANPETE		SPC
Freeport Circle	DAVIS		DAV
Fremont	WAYNE		WAY
Fremont Junction	SEVIER		SEV
Fruit Heights	DAVIS	FRU	
Fruitland	DUCHESNE		DCH
Fry Canyon	SAN JUAN		SJC
Gandy	MILLARD		MIL
Garden City	RICH	GAR	

Garfield	SALT LAKE		SCO
GARFIELD COUNTY			GRF
Garland	BOX ELDER	GRL	
Garrison	MILLARD		MIL
Geneva	UTAH	GEV	
Genola	UTAH	GEN	
Glendale	KANE		KAN
Glenwood	SEVIER		SEV
Goldhill	TOOELE		TOC
Goshen	UTAH	GOS	
Grafton	WASHINGTON	ROC (part of Rock-ville)	
GRAND COUNTY		GRA	
Granite	SALT LAKE		SCO
Grantsville	TOOELE	GTV	
Green River	EMERY		EMR
Greenville	BEAVER		BVR
Greenwich	PIUTE		PIU
Greenwood	MILLARD		MIL
Grouse Creek	BOX ELDER		BEC
Grover	WAYNE		WAY
Gunlock	WASHINGTON		WSC
Gunnison	SANPETE		SPC
Gusher	UINTAH		UTC
Hailstone	WASATCH		WAC
Halls Crossing	SAN JUAN		SJC
Hamilton Fort	IRON		IRO
Hamlin Valley	IRON		IRO
Hanksville	WAYNE		WAY
Hanna	DUCHESNE		DCH
Harrisville	WEBER	HAR	
Hatch	GARFIELD		GRF
Hatton	MILLARD		MIL
Heber	WASTACH	HEB	
Helper	CARBON		CAR
Henefer	SUMMIT	HEN	
Henrieville	GARFIELD		GRF
Herriman	SALT LAKE	HER	
Hiawatha	CARBON		CAR
Hideway Valley	SANPETE		SPC
Highland	UTAH	HIG	
Hildale	WASHINGTON	HIL	
Hinckley	MILLARD	HIN	
Hite	SAN JUAN		SJC
Holden	MILLARD	HOL	
Holladay	SALT LAKE	HOD	
Honeyville	BOX ELDER	HON	
Hooper	WEBER	HOO	
Hot Springs	BOX ELDER		BEC
Hovenweep Mountain	SAN JUAN		SJC
Howell	BOX ELDER	HPW	
Hoytsville	SUMMIT		SUM
Huntington	EMERY		EMR
Huntsville	WEBER	HTV	
Hurricane	WASHINGTON	HUR	
Hyde Park	CACHE	HPC	
Hyrum	CACHE		CAC
Ibapah	TOOELE		TOC
Indianola	SANPETE		SPC
Ioka	DUCHESNE		DCH
IRON COUNTY			IRO
Iron Springs	IRON		IRO
Ivins	WASHINGTON	INI	
Jensen	UINTAH		UTC
Jericho	JUAB		JUA
Joseph	SEVIER		SEV
JUAB COUNTY			JUA
Junction	PIUTE	JUN	
Kamas	SUMMIT	KAM	
Kanab	KANE	KNB	
Kanarraville	IRON		IRO
KANE COUNTY			KAN
Kaneville	WEBER		WEC
Kanosh	MILLARD	KNS	
Kayenta	WASHINGTON	INI (part of Ivins)	
Kaysville	DAVIS	KAY	
Kearns	SALT LAKE		SCO
Keetley	WASATCH		WAC
Kelton	BOX ELDER		BEC
Kenilworth	CARBON		CAR
Kingston	PIUTE	KIN	
Knolls	TOOELE		TOC
Koosharem	SEVIER		SEV
La Sal	SAN JUAN		SJC
La Verkin	WASHINGTON	LAV	
Lake Powell	SAN JUAN		SJC
Lakepoint	TOOELE		TOC
Lakeshore	UTAH		UTA
Lakeside	BOX ELDER		BEC
Laketown	RICH		RIC
Lakeview	UTAH		UTA
Lapoint	UINTAH		UTC
Lark	SALT LAKE		SCO
Lawrence	EMERY		EMR
Layton	DAVIS	LAY	
Leamington	MILLARD	LEA	
Leeds	WASHINGTON	LEE	
Leeton	UINTAH		UTC
Lehi	UTAH	LEH	
Leland	UTAH		UTA
Leota	UINTAH		UTC
Levan	JUAB	LEV	
Lewiston	CACHE	LEW	
Liberty	WEBER		WEC
Lincoln	TOOELE		TOC
Lindon	UTAH	LIN	
Little Mountain	WEBER		WEC
Littleton	MORGAN		MRG
Loa	WAYNE	LOA	
Logan	CACHE	LOG	
Long Valley	KANE		KAN
Losepa	TOOELE		TOC
Low	TOOELE		TOC
Lucin	BOX ELDER		BEC
Lund	IRON		IRO
Lyman	WAYNE		WAY
Lynn	BOX ELDER		BEC
Lynndyl	MILLARD	LYN	
Madsen	BOX ELDER		BEC
Maeser	UINTAH		UTC
Magna	SALT LAKE		SCO
Mammoth	JUAB		JUA
Manderfield	BEAVER		BVR
Manila	DAGGETT	MNL	
Manti	SANPETE		SPC
Mantua	BOX ELDER	MNT	
Mapleton	UTAH	MAP	
Marion	SUMMIT		SUM
Marriott-Slaterville	WEBER	MSC	
Marysvale	PIUTE	MAR	
Mayfield	SANPETE		SPC
Meadow	MILLARD	MEA	
Meadowville	RICH		RIC
Mendon	CACHE	MEN	
Mexican Hat	SAN JUAN		SJC
Middleton	WASHINGTON	STG (part of St. George)	
Midvale	SALT LAKE	MID	
Midway	WASATCH	MWC	
Milburn	SANPETE		SPC
Milford	BEAVER	MLF	
Mill Fork	UTAH		UTA
MILLARD COUNTY			MIL
Mills	JUAB		JUA
Mills Junction	TOOELE		TOC
Millville	CACHE		CAC
Milton	MORGAN		MRG
Minersville	BEAVER		BVR
Moab	GRAND	MOA	
Modena	IRON		IRO
Mohrland	EMERY		EMR
Molen	EMERY		EMR
Mona	JUAB	MON	
Monarch	DUCHESNE		DCH
Monroe	SEVIER		SEV
Montezuma Creek	SAN JUAN		SJC
Monticello	SAN JUAN	MNC	
Monument Valley	SAN JUAN		SJC
Moore	EMERY		EMR
Morgan City	MORGAN	MOR	
MORGAN COUNTY			MRG
Moroni	SANPETE		SPC
Mt Carmel	KANE		KAN
Mt Emmons	DUCHESNE		DCH
Mt Green	MORGAN		MRG
Mt Home	DUCHESNE		DCH
Mt Olympus	SALT LAKE		SCO
Mt Pleasant	SANPETE		SPC
Mt Sterling	CACHE		CAC
Murray	SALT LAKE	MUR	
Myton	DUCHESNE		DCH
Naples	UINTAH	NAP	
National	CARBON		CAR
Navaho Lake	DUCHESNE		DCH
Neola	DUCHESNE		DCH
Nephi	JUAB	NEP	
New Harmony	WASHINGTON		WSC
Newcastle	IRON		IRO

Newton	CACHE	NEW	
Nibley	CACHE	NIB	
North Logan	CACHE	NLC	
North Ogden	WEBER	NOC	
North Salt Lake	DAVIS	NSL	
Oak City	MILLARD	OAK	
Oakley	SUMMIT	OKL	
Oasis	MILLARD		MIL
Ogden	WEBER	OGD	
Ogden City School Dist	WEBER	OSD	
Ophir	TOOELE	OPH	
Orangeville	EMERY	ORA	
Orderville	KANE		KAN
Orem	UTAH	ORE	
Orrey	WAYNE		WAY
Ouray	UINTAH		UTC
Palmyra	UTAH		UTA
Panguitch	GARFIELD		GRF
Paradise	CACHE		CAC
Paragonah	IRON		IRO
Park City	SUMMIT	PAC	
Park City East	WASATCH		WAC
Park Valley	BOX ELDER		BEC
Parowan	IRON		IRO
Partoun	JUAB		JUA
Payson	UTAH	PAY	
Penrose	BOX ELDER		BEC
Peoa	SUMMIT		SUM
Perry	BOX ELDER	PER	
Petersboro	CACHE		CAC
Peterson	MORGAN		MRG
Pickleville	RICH		RIC
Pigeon Hollow Junction	SANPETE		SPC
Pine Valley	WASHINGTON		WSC
Pineview	SUMMIT		SUM
Pinto	WASHINGTON		WSC
Pintura	WASHINGTON		WSC
PIUTE COUNTY			PIU
Plain City	WEBER	PLA	
Pleasant Grove	UTAH	PGC	
Pleasant View	WEBER	PVC	
Plymouth	BOX ELDER	PLY	
Portage	BOX ELDER		BEC
Porterville	MORGAN		MRG
Price	CARBON	PRI	
Promontory	BOX ELDER		BEC
Providence	CACHE	PRV	
Provo	UTAH	PRO	
Provo Canyon	UTAH		UTA
Randlett	UINTAH		UTC
Randolph	RICH	RAN	
Redmond	SEVIER	RED	
Redmonton	BOX ELDER		BEC
RICH COUNTY			RIC
Richfield	SEVIER	RCF	
Richmond	CACHE		CAC
Richville	MORGAN		MRG
River Heights	CACHE		CAC
Riverdale	WEBER	RVD	
Riverside	BOX ELDER		BEC
Riverton	SALT LAKE	RVT	
Rockville	WASHINGTON	ROC	
Rocky Ridge Town	JUAB	ROR	
Roosevelt	DUCHESNE	ROO	
Rosette	BOX ELDER		BEC
Round Valley	RICH		RIC
Roy	WEBER	ROY	
Rubys Inn	GARFIELD		GRF
Rush Valley	TOOELE	RUV	
Sage Creek Junction	RICH		RIC
Salem	UTAH	SLM	
Salina	SEVIER		SEV
Salt Lake City	SALT LAKE	SLC	
SALT LAKE COUNTY			SCO
Salt Lake Suburban Sanitary District #1	SALT LAKE	SSD	
Salt Springs	TOOELE		TOC
Samak	SUMMIT		SUM
SAN JUAN COUNTY			SJC
Sandy	SALT LAKE	SAN	
SANPETE COUNTY			SPC
Santa Clara	WASHINGTON	SAC	
Santaquin	UTAH	STQ	
Saratoga Springs	UTAH	SRT	
Scipio	MILLARD	SCI	
Scofield	CARBON		CAR
Sevier	SEVIER		SEV
SEVIER COUNTY			SEV
Shivwits (Federal)	WASHINGTON	YYY	
Sigurd	SEVIER		SEV
Silver City	JUAB		JUA
Silver Creek Junction	SUMMIT		SUM
Silver Fork	SALT LAKE		SCO
Silver Reef	WASHINGTON	LEE (part of Leeds)	
Smithfield	CACHE	SMI	
Snowbird	SALT LAKE		SCO
Snowville	BOX ELDER	SNO	
Snyderville	SUMMIT		SUM
Soldier Summit	WASATCH		WAC
South Jordan	SALT LAKE	SOJ	
South Ogden	WEBER	SOO	
South Salt Lake	SALT LAKE	SSL	
South Weber	DAVIS	SWC	
Spanish Fork	UTAH	SFC	
Spring City	SANPETE		SPC
Spring Glen	CARBON		CAR
Spring Lake	UTAH		UTA
Springdale	WASHINGTON	SPD	
Springville	UTAH	SPV	
St George	WASHINGTON	STG	
St John	TOOELE	RUV (became Rush Valley)	
Standrod	BOX ELDER		BEC
Stansbury Park	TOOELE		TOC
Sterling	SANPETE		SPC
Stockmore	DUCHESNE		DCH
Stockton	TOOELE	STO	
Stoddard	MORGAN		MRG
Sugarville	MILLARD		MIL
Summit	IRON		IRO
SUMMIT COUNTY			SUM
Summit Park	SUMMIT		SUM
Summit Point	SAN JUAN		SJC
Sundance	UTAH		UTA
Sunnyside	CARBON		CAR
Sunset	DAVIS	SUN	
Sutherland	MILLARD		MIL
Swan Creek	TOOELE		TOC
Syracuse	DAVIS	SYR	
Tabiona	DUCHESNE		DCH
Talmage	DUCHESNE		DCH
Taylor	WEBER		WEC
Taylorsville	SALT LAKE	TAY	
Teasdale	WAYNE		WAY
Thatcher	BOX ELDER	THA	
Thistle	UTAH		UTA
Thompson Springs	GRAND		GRA
Ticaboo	GARFIELD		GRF
Timpe	TOOELE		TOC
Tintic	JUAB		JUA
Tooele City	TOOELE	TOO	
TOOELE COUNTY			TOC
Toquerville	WASHINGTON	TOQ	
Torrey	WAYNE		WAY
Tremonton	BOX ELDER	TRE	
Trenton	CACHE		CAC
Tridell	UINTAH		UTC
Tropic	GARFIELD		GRF
Trout Creek	JUAB		JUA
Tucker	UTAH		UTA
Ucolo	SAN JUAN		SJC
Uintah	WEBER	UIN	
UINTAH COUNTY			UTC
Upalco	DUCHESNE		DCH
Upton	SUMMIT		SUM
UTAH COUNTY			UTA
Uvada	IRON		IRO
Venice	SEVIER		SEV
Vernal	UINTAH	VER	
Vernon	TOOELE		TOC
Veyo	WASHINGTON		WSC
Vineyard	UTAH	VIN	
Virgin	WASHINGTON	VIR	
Wahsatch	SUMMIT		SUM
Wales	SANPETE		SPC
Wallsburg	WASATCH		WAC
Wanship	SUMMIT		SUM
Warren	WEBER		WEC
WASATCH COUNTY			WAC
Washington City	WASHINGTON	WAS	
Washakie	BOX ELDER		BEC
Washington Terrace	WEBER	WAT	
WASHINGTON COUNTY			WSC
WAYNE COUNTY			WAY
WEBER COUNTY			WEC
Webster Cove Junction	CACHE		CAC
Wellington	CARBON		CAR
Wellsville	CACHE		CAC

Wendover	TOOELE	WEN	
West Bountiful	DAVIS	WEB	
West Haven	WEBER	WEH	
West Jordan	SALT LAKE	WEJ	
West Point	DAVIS	WEP	
West Valley	SALT LAKE	WVC	
West Warren	WEBER		WEC
West Weber	WEBER		WEC
Westwater	GRAND		GRA
Whiterocks	UINTAH		UTC
Widtsoe Junction	GARFIELD		GRF
Wildwood	UTAH		UTA
Willard	BOX ELDER	WIL	
Wilson	WEBER		WEC
Wins	WASHINGTON		WSC
Woodland Hills	UTAH	WHO	
Woodland	SUMMIT		SUM
Woodruff	RICH		RIC
Woodrow	MILLARD		MIL
Woods Cross	DAVIS	WXC	
Woodside	EMERY		EMR
Yost	BOX ELDER		BEC
Young Ward	CACHE		CAC
Zane	IRON		IRO

R156-56-402. Standardized Building Permit Content.

As provided in Section 58-56-19, beginning January 1, 2007, any agency issuing a permit for construction within the state of Utah shall use a permit form that incorporates standardized building permit content as follows:

(1) permit number, as set forth in Subsection R156-56-401(1), shall be printed by typewriter, computer printer or rubber stamp in the upper right-hand corner of the building permit in at least 12-point type;

(2) the name of the owner of the project;

(3) the name of the original contractor or owner-builder for the project;

(4) whether the permit applicant is an original contractor or owner-builder; and

(5) street address of the project or a general description of the project.

R156-56-420. Administration of Building Code Training Fund.

In accordance with Subsection 58-56-9(3)(a), the Division shall use monies received under Subsection 58-56-9(4) to provide education regarding codes and code amendments to building inspectors and individuals engaged in construction-related trades or professions. The following procedures, standards and policies are established to apply to the administration of the fund:

(1) The Division shall not approve or deny expenditure requests from the Building Code Training Fund ("the fund") until the Uniform Building Code Commission (UBCC) Education Advisory Committee ("the Committee"), created in accordance with Subsections 58-1-203(1)(f), 58-56-5(10)(d) and (e), and R156-56-202(1)(a) has considered and made its recommendations on the requests.

(2) Appropriate funding expenditure categories include:

(a) grants in the form of reimbursement funding to the following organizations which administer code related educational events, seminars or classes:

(i) schools, colleges, universities, departments of universities or other institutions of learning;

(ii) professional associations or organizations; and

(iii) governmental agencies.

(b) costs or expenses incurred as a result of educational events, seminars or classes directly administered by the Division;

(c) expenses incurred for the salary, benefits or other compensation and related expenses resulting from the employment of a Board Secretary;

(d) office equipment and associated administrative expenses required for the performance of the duties of the Board Secretary, including but not limited to computer equipment, telecommunication equipment and costs and general office supplies; and

(e) other related expenses as determined by the Division.

(3) The following procedure shall be used for submission, review and payment of funding grants:

(a) A funding grant applicant shall submit a "Tentative Training Plans and Funding Request Estimate" preferably prior to the beginning of the fiscal year for budget consideration.

(b) A funding grant applicant shall submit a completed "Application for Building Code Training Funds Grant" preferably a minimum of 15 days prior to the meeting at which the request is to be considered and prior to the training event on forms provided for that purpose by the Division. Applications received less than 15 days prior to a meeting may be denied.

(c) A funding grant applicant shall include in its application a summary and analysis of training costs based upon the estimated costs of the proposed training.

(d) Payment of approved funding grants will be made as reimbursement after the approved event, class, or seminar has been held and the required receipts, invoices and supporting documentation have been submitted to the Division.

(4) The Committee shall consider the following in determining whether to recommend approval of a proposed funding request to the Division:

(a) costs of the facility including:

(i) the location of a facility or venue to the type of event, seminar or class;

(ii) the suitability of said facility or venue with regard to the anticipated attendance at or in connection with additional non-funded portions of an event or conference;

(iii) the duration of the proposed educational event, seminar or class; and

(iv) whether the proposed cost of the facility is reasonable compared to the cost of alternative available facilities;

(b) the estimated cost for instructor fees including:

(i) the experience or expertise of the instructor in the proposed training area;

(ii) the quality of training based upon events, seminars or classes that have been previously taught by the instructor;

(iii) the drawing power of the instructor, meaning the ability to increase the attendance at the proposed educational event, seminar or class;

(iv) travel expenses; and

(v) whether the proposed cost for the instructor or instructors is reasonable compared to the costs of similar educational events, seminars or classes;

(c) the estimated cost of advertising materials, brochures, registration and agenda materials including:

(i) printing costs which may include creative or design expenses; and

(ii) whether delivery or mailing costs, including postage and handling, are reasonable compared to the cost of alternate available means of delivery;

(d) other reasonable and comparable cost alternatives for each proposed expense item; and

(e) any other information the Committee reasonably believes may assist in evaluating a proposed expenditure.

(5) Joint Functions.

(a) "Joint function" means a proposed event, class, seminar or program that provides code or code related education and education or activities in other areas.

(b) Only the prorated portions of a joint function which are code and code related education are eligible for a funding grant.

(c) In considering a proposed funding request that involves a joint function, the Committee shall consider whether:

(i) the expenses subject to funding are reasonably prorated for the costs directly related to the code and code amendment education; and

(ii) the education being proposed will be reasonable and successful in the training objective in the context of the entire program or event.

(6) Advertising materials, brochures and agenda or training materials for a funded educational event, seminar or class shall include a statement which acknowledges that partial funding of the training program has been provided by the Utah Division of Occupational and Professional Licensing from the 1% surcharge funds on all building permits.

R156-56-501. Administrative Penalties - Unlawful Conduct.

In accordance with Subsections 58-56-9.1 and 58-56-9.5, unless otherwise ordered by the presiding officer, the following fine schedule shall apply:

(1) Engaging in the sale of factory built housing without being registered.

First offense: $500

Second offense: $1,000

(2) Selling factory built housing within the state as a dealer without collecting and remitting to the division the fee required by Section 58-56-17.

First offense: $500

Second offense: $1,000

(3) Acting as a building inspector or representing oneself to be acting as a building inspector, unless licensed or exempted from licensure under Title 58, Chapter 56 or using the title building inspector or any other description, words, letters, or abbreviation indicating that the person is a building inspector if the person has not been licensed under Title 58, Chapter 56.

First offense: $500

Second offense: $1,000

(4) Acting as a building inspector beyond the scope of the license held.

First offense: $500

Second offense: $1,000

(5) Hiring or employing in any manner an unlicensed person as a building inspector, unless exempted from licensure.

First offense: $800

Second offense: $1,600

(6) Citations shall not be issued for third offenses, except in extraordinary circumstances approved by the investigative supervisor. If a citation is issued for a third offense, the fine is double the second offense amount, with a maximum amount not to exceed the maximum fine allowed under Section 58-56-9.5.

(7) If multiple offenses are cited on the same citation, the fine shall be determined by evaluating the most serious offense.

(8) An investigative supervisor may authorize a deviation from the fine schedule based upon the aggravating or mitigating circumstances.

(9) In all cases the presiding officer shall have the discretion, after a review of the aggravating or mitigating circumstances, to increase or decrease the fine amount based on the evidence reviewed.

R156-56-502. Reserved.

Reserved.

R156-56-601. Modular Unit Construction and Set-up.

Modular construction and set-up shall be as set forth in accordance with the following:

(1) Construction shall be in accordance with the building standards accepted by the state pursuant to Section 58-56-4.

(2) The inspection of the construction, modification of or set-up of a modular unit shall be the responsibility of the local regulator; however, nothing in these rules shall preclude the local regulator from entering into an agreement with another qualified person for the inspection of the unit(s) in the manufacturing facility.

R156-56-602. Factory Built Housing Dealer Bonds.

(1) Pursuant to the provisions of Subsection 58-56-16(2)(c), a factory built housing dealer shall provide a registration bond issued by a surety acceptable to the Division in the amount of $50,000. An acceptable surety is one that is listed in the Department of Treasury, Fiscal Service, Circular 570, current revision, entitled "Companies Holding Certificates of Authority as Acceptable Sureties on Federal Bonds and as Acceptable Reinsuring Companies".

(2) The coverage of the registration bond shall include losses which may occur as the result of the factory built housing dealer's violation of the unprofessional or unlawful provisions contained in Title 58, Chapters 1 and 56.

R156-56-603. Factory Built Housing Dispute Resolution Program.

(1) Pursuant to Subsection 58-56-15(1)(f)(i), the dispute resolution program is defined and clarified as follows:

(a) Persons having disputes regarding manufactured housing issues may file a complaint with the Division.

(b) The Division shall investigate such complaints and as part of the investigation may take any of the following actions:

(i) The Division may negotiate with the parties involved for informal resolution of such complaints.

(ii) The Division may take any informal or formal action allowed by any applicable statute including, but not limited to:

(A) pursuing disciplinary proceedings under Section 58-1-401;

(B) pursing civil sanctions under Subsection 58-56-15(2); and

(C) referring matters to appropriate criminal prosecuting agencies and cooperating or assisting with the investigation and prosecution of cases by such agencies.

(c) In addition, persons having disputes regarding manufactured housing issues may also institute civil action.

R156-56-604. Factory Built Housing Continuing Education Requirements.

(1) Pursuant to Subsection 58-56-15(1)(f)(ii), continuing education required for manufactured housing installation contractors is defined and clarified as follows:

(a) the continuing education required by Subsection 58-55-501(21), which is effective July 1, 2005.

R156-56-701. Specific Editions of Uniform Building Standards.

(1) In accordance with Subsection 58-56-4(3), and subject to the limitations contained in Subsection (6), (7), and (8), the following codes are hereby incorporated by reference, which codes together with any amendments specified under these rules, are adopted as the construction standards to be applied to building construction, alteration, remodeling and repair and in the regulation of building construction, alteration, remodeling and repair in the state:

(a) the 2006 edition of the International Building Code (IBC), including Appendix J promulgated by the International Code Council shall become effective on January 1, 2007;

(b) the 2008 edition of the National Electrical Code (NEC) promulgated by the National Fire Protection Association, to become effective January 1, 2009;

(c) the 2006 edition of the International Plumbing Code (IPC) promulgated by the International Code Council shall become effective on January 1, 2007;

(d) the 2006 edition of the International Mechanical Code (IMC) promulgated by the International Code Council shall become effective on January 1, 2007;

(e) the 2006 edition of the International Residential Code (IRC) promulgated by the International Code Council shall become effective on January 1, 2007;

(f) the 2006 edition of the International Energy Conservation Code (IECC) promulgated by the International Code Council shall become effective on January 1, 2007;

(g) the 2006 edition of the International Fuel Gas Code (IFGC) promulgated by the International Code Council shall become effective on January 1, 2007;

(h) subject to the provisions of Subsection (4), the Federal Manufactured Housing Construction and Safety Standards Act (HUD Code) as promulgated by the Department of Housing and Urban Development and published in the Federal Register as set forth in 24 CFR parts 3280 and 3282 as revised April 1, 1990;

(i) subject to the provisions of Subsection (4), Appendix E of the 2006 edition of the International Residential Code promulgated by the International Code Council shall become effective on January 1, 2007;

(j) subject to the provisions of Subsection (4), the 2005 edition of the NFPA 225 Model Manufactured Home Installation Standard promulgated by the National Fire Protection Association shall become effective January 1, 2007; and

(k) the 2006 edition of the Utah Wildland Urban Interface Code (UWUI) promulgated by the International Code Council together with alternatives or amendments approved by the Utah Division of Forestry shall be effective July 1, 2008 as an approved code that may be adopted by the local compliance agency by local ordinance or other similar action as a local amendment to the codes listed in this Subsection.

(2) In accordance with Subsection 58-56-4(4), and subject to the limitations contained in Subsection 58-56-4(5), the following codes or standards are hereby incorporated by reference and approved for use and adoption by a compliance agency as the construction standards which may be applied to existing buildings in the regulation of building alteration, remodeling, repair, removal, seismic evaluation and rehabilitation in the state:

(a) the 1997 edition of the Uniform Code for the Abatement of Dangerous Buildings (UCADB) promulgated by the International Code Council;

(b) the 2006 edition of the International Existing Building Code (IEBC), including its appendix chapters, promulgated by the International Code Council;

(c) ASCE 31-03, Seismic Evaluation of Existing Buildings, promulgated by the American Society of Civil Engineers;

(d) Pre-standard and Commentary for the Seismic Rehabilitation of Buildings (FEMA 356) published by the Federal Emergency Management Agency (November 2000).

(3) Amendments adopted by rule to prior editions of the Uniform Building Standards shall remain in effect until specifically amended or repealed.

(4) In accordance with Subsection 58-56-4(2), the following are hereby adopted as the installation standard for manufactured housing for new installations or for existing manufactured or mobile homes which are subject to relocation, building alteration, remodeling or rehabilitation in the state:

(a) The manufacturer's installation instruction for the model being installed shall be the primary standard.

(b) If the manufacturer's installation instruction for the model being installed is not available or is incomplete, the following standards shall be applicable:

(i) Appendix E of the 2006 edition of the International Residential Code as promulgated by the International Code Council for installations defined in Section AE101 of Appendix E; or

(ii) If an installation is beyond the scope of the 2006 edition of the International Residential Code as defined in Section AE101 of Appendix E, then the 2005 edition of the NFPA 225 Model Manufactured Home Installation Standard promulgated by the National Fire Protection Association shall apply.

(c) The manufacturer, dealer or homeowner shall be permitted to design for unusual installation of a manufactured home not provided for in the manufacturer's standard installation instruction Appendix E of the 2006 edition of the International Residential Code, or the 2005 edition of the NFPA 225, provided the design is approved in writing by a professional engineer or architect licensed in Utah.

(d) For mobile homes built prior to June 15, 1976, the home shall also comply with the additional installation and safety requirements specified in Section R156-56-808.

(5) Pursuant to the Federal Manufactured Home Construction and Safety Standards Section 604(d), a manufactured home may be installed in the state of Utah which does not meet the local snow load requirements as specified in Subsection R156-56-801; however all such homes which fail to meet the standards of Subsection R156-56-801 shall have a protective structure built over the home which meets the International Building Code and the snow load requirements under Subsection R156-56-801.

(6) To the extent that the building codes adopted under Subsection (1) establish local administrative functions or establish a method of appeal which pursuant to Section 58-56-8 are designated to be established by the compliance agency, such provisions are not included in the codes adopted hereunder but authority over such provisions are reserved to the compliance agency to establish such provisions.

(7) To the extent that the building codes adopted under Subsection (1) establish provisions, standards or references to other codes which by state statutes are designated to be established or administered by other state agencies or local city, town or county jurisdictions, such provisions are not included in the codes adopted herein but authority over such provisions are reserved to the agency or local government having authority over such provisions. Provisions excluded under this Subsection include but are not limited to:

(a) the International Property Maintenance Code;

(b) the International Private Sewage Disposal Code, authority over which would be reserved to the Department of Health and the Department of Environmental Quality;

(c) the International Fire Code which pursuant to Section 53-7-106 authority is reserved to the Utah Fire Prevention Board;

(d) day care provisions which are in conflict with the Child Care Licensing Act, authority over which is designated to the Utah Department of Health; and

(e) wildland urban interface provisions which go beyond the authority of Subsection 58-56-4(3), authority over which is designated to the Utah Division of Forestry or to the local compliance agencies.

(8) To the extent that the codes adopted under Subsection (1) establish provisions that exceed the authority granted to the Division, under the Utah Uniform Building Standards Act, to adopt codes or amendments to such codes by rulemaking procedures, such provisions, to the extent such authority is exceeded, are not included in the codes adopted.

R156-56-702. Commission Override of the Division.

(1) In the event that the director of the division rules contrary to the recommendation of the commission with respect to the provisions of Subsection 58-56-7(8), the director shall present his action and the basis for that action at the commission's next meeting or at a special meeting called by either the division or the commission.

(2) The commission may override the division's action by a two-thirds vote which equals eight votes.

(3) In the event of a vacancy on the commission, a vote of a minimum of two-thirds of the existing commissioners must be obtained to override the division.

R156-56-703. Code Amendments.

In accordance with Subsection 58-56-7(1), the procedure and manner under which requests for amendments to codes shall be filed with the division and recommended or declined for adoption are as follows:

(1) All requests for amendments to any of the uniform building standards shall be submitted to the division on forms specifically prepared by the division for that purpose.

(2) The processing of requests for code amendments shall be in accordance with division policies and procedures.

R156-56-801. Statewide Amendments to the IBC.

The following are adopted as amendments to the IBC to be applicable statewide:

(1) All references to the ICC Electrical Code are deleted and replaced with the National Electrical Code adopted under Subsection R156-56-701(1)(b).

(2) Section 101.4.1 is deleted and replaced with the following:

101.4.1 Electrical. The provisions of the National Electrical Code (NEC) shall apply to the installation of electrical systems, including alterations, repairs, replacement, equipment, appliances, fixtures, fittings and appurtenances thereto.

(3) Section 106.3.2 is deleted and replaced with the following:

106.3.2 Previous approval. If a lawful permit has been issued and the construction of which has been pursued in good faith within 180 days after the effective date of the code and has not been abandoned, then the construction may be completed under the code in effect at the time of the issuance of the permit.

(4) In Section 109, a new section is added as follows:

109.3.5 Weather-resistive barrier and flashing. An inspection shall be made of the weather-resistive barrier as required by Section 1403.2 and flashing as required by Section 1405.3 to prevent water from entering the weather-resistant exterior wall envelope.

The remaining sections will be renumbered as follows:

109.3.6 Lath or gypsum board inspection

109.3.7 Fire-resistant penetrations

109.3.8 Energy efficiency inspections

109.3.9 Other inspections

109.3.10 Special inspections

109.3.11 Final inspection.

(5) Section 114.1 is deleted and replaced with the following:

114.1 Authority. Whenever the building official finds any work regulated by this code being performed in a manner either contrary to the provisions of this code or other pertinent laws or ordinances or dangerous or unsafe, the building official is authorized to stop work.

(6) In Section 202, the definition for Assisted Living Facility is deleted and replaced with the following:

ASSISTED LIVING FACILITY. See Section 308.1.1.

(7) Section 305.2 is deleted and replaced with the following:

305.2 Day care. The building or structure, or portion thereof, for educational, supervision, child day care centers, or personal care services of more than four children shall be classified as a Group E occupancy. See Section 421 for special requirements for Group E child day care centers.

Exception: Areas used for child day care purposes with a Residential Certificate, Family License or Family Group License may be located in a Group R-2 or R-3 occupancy as provided in Section 310.1 or shall comply with the International Residential Code in accordance with Section 101.2.

Child day care centers providing care for more than 100 children 2 1/2 years or less of age shall be classified as Group I-4.

(8) In Section 308 the following definitions are added:

308.1.1 Definitions. The following words and terms shall, for the purposes of this section and as used elsewhere in this code, have the meanings shown herein.

TYPE I ASSISTED LIVING FACILITY. A residential facility licensed by the Utah Department of Health that provides a protected living arrangement for ambulatory, non-restrained persons who are capable of achieving mobility sufficient to exit the facility without the assistance of another person.

TYPE II ASSISTED LIVING FACILITY. A residential facility licensed by the Utah Department of Health that provides an array of coordinated supportive personal and health care services to residents who meet the definition of semi-independent.

SEMI-INDEPENDENT. A person who is:

A. Physically disabled but able to direct his or her own care; or

B. Cognitively impaired or physically disabled but able to evacuate from the facility with the physical assistance of one person.

RESIDENTIAL TREATMENT/SUPPORT ASSISTED LIVING FACILITY. A residential treatment/support assisted living facility which creates a group living environment for four or more residents licensed by the Utah Department of Human Services, and provides a protected living arrangement for ambulatory, non-restrained persons who are capable of achieving mobility sufficient to exit the facility without the physical assistance of another person.

(9) Section 308.2 is deleted and replaced with the following:

308.2 Group I-1. This occupancy shall include buildings, structures, or parts thereof housing more than 16 persons, on a 24-hour basis, who because of age, mental disability or other reasons, live in a supervised residential environment that provides personal care services. The occupants are capable of responding to an emergency situation without physical assistance from staff. This group shall include, but not be limited to, the following: residential board and care facilities, type I assisted living facilities, residential treatment/support assisted living facility, half-way houses, group homes, congregate care facilities, social rehabilitation facilities, alcohol and drug centers and convalescent facilities. A facility such as the above with five or fewer persons shall be classified as a Group R-3 or shall comply with the International Residential Code in accordance with Section 101.2. A facility such as above, housing at least six and not more than 16 persons, shall be classified as a Group R-4.

(10) Section 308.3 is deleted and replaced with the following:

308.3 Group I-2. This occupancy shall include buildings and structures used for medical, surgical, psychiatric, nursing or custodial care on a 24-hour basis of more than three persons who are not capable of self-preservation. This group shall include, but not be limited to the following: hospitals, nursing homes (both intermediate care facilities and skilled nursing facilities), mental hospitals, detoxification facilities, ambulatory surgical centers with two or more operating rooms where care is less than 24 hours, outpatient medical care facilities for ambulatory patients (accommodating more than five such patients in each tenant space) which may render the patient incapable of unassisted self-preservation, and type II assisted living facilities. Type II assisted living facilities with five or fewer persons shall be classified as a Group R-4. Type II assisted living facilities as defined in 308.1.1 with at least six and not more than sixteen residents shall be classified as a Group I-1 facility.

(11) Section 308.3.1 is deleted and replaced with the following:

308.3.1 Child care facility. A child care facility that provides care on a 24 hour basis to more than four children 2

1/2 years of age or less shall be classified as Group I-2.

(12) Section 308.5 is deleted and replaced with the following:

308.5 Group I-4, day care facilities. This group shall include buildings and structures occupied by persons of any age who receive custodial care less than 24 hours by individuals other than parents or guardians, relatives by blood, marriage, or adoption, and in a place other than the home of the person cared for. A facility such as the above with four or fewer persons shall be classified as an R-3 or shall comply with the International Residential Code in accordance with Section 101.2. Places of worship during religious functions and Group E child day care centers are not included.

(13) Section 308.5.2 is deleted and replaced with the following:

308.5.2 Child care facility. A facility that provides supervision and personal care on less than a 24 hour basis for more than 100 children 2 1/2 years of age or less shall be classified as Group I-4.

(14) Section 310.1 is deleted and replaced with the following:

310.1 Residential Group "R". Residential Group R includes, among others, the use of a building or structure, or a portion thereof, for sleeping purposes when not classed as an Institutional Group I. Residential occupancies shall include the following:

R-1: Residential occupancies where the occupants are primarily transient in nature (less than 30 days) including: Boarding Houses (transient) and congregate living facilities, Hotels (transient), and Motels (transient).

Exception: Boarding houses and congregate living facilities accommodating 10 persons or less shall be classified as a Residential Group R-3 or shall comply with the International Residential Code in accordance with Section 101.2.

R-2: Residential occupancies containing sleeping units or more than two dwelling units where the occupants are primarily permanent in nature, including: Apartment Houses, Boarding houses (not transient) and congregate living facilities, Convents, Dormitories, Fraternities and Sororities, Monasteries, Vacation timeshare properties, Hotels (non transient), and Motels (non transient).

Exception: Boarding houses and congregate living facilities accommodating 10 persons or less shall be classified as a Residential Group R-3 or shall comply with the International Residential Code in accordance with Section 101.2.

R-3: Residential occupancies where the occupants are primarily permanent in nature and not classified as R-1, R-2, R-4 or I and where buildings do not contain more than two dwelling units, as applicable in Section 101.2, or adult and child care facilities that provide accommodations for five or fewer persons of any age for less than 24 hours. Adult and child care facilities that are within a single family home are permitted to comply with the International Residential Code in accordance with Section 101.2. Areas used for day care purposes may be located in a residential dwelling unit under all of the following conditions:

1. Compliance with the Utah Administrative Code, R710-8, Day Care Rules, as enacted under the authority of the Utah Fire Prevention Board.

2. Use is approved by the State Department of Health, as enacted under the authority of the Utah Child Care Licensing Act, UCA, Sections 26-39-101 through 26-39-110, and in any of the following categories:

a. Utah Administrative Code, R430-50, Residential Certificate Child Care Standards.

b. Utah Administrative Code, R430-90, Licensed Family Child Care.

3. Compliance with all zoning regulations of the local regulator.

R-4: Residential occupancies shall include buildings arranged for occupancy as Residential Care/Assisted Living Facilities or Residential Treatment/Support Assisted Living Facilities including more than five but not more than 16 occupants, excluding staff.

Group R-4 occupancies shall meet the requirements for construction as defined for Group R-3 except as otherwise provided for in this code or shall comply with the International Residential Code in accordance with Section 101.2.

(15) In Section 310.2 the definition for Residential Care/Assisted Living Facilities is deleted and replaced with the following:

See Section 308.1.1.

(16) A new section 421 is added as follows:

Section 421 Group E Child Day Care Centers. Group E child day care centers shall comply with Section 421.

421.1 Location at grade. Group E child day care centers shall be located at the level of exit discharge.

Exception: Child day care spaces for children over the age of 24 months may be located on the second floor of buildings equipped with automatic fire protection throughout and an automatic fire alarm system.

421.2 Egress. All Group E child day care spaces with an occupant load of more than 10 shall have a second means of egress. If the second means of egress is not an exit door leading directly to the exterior, the room shall have an emergency escape and rescue window complying with Section 1026.

(17) In Section 504.2 a new section is added as follows:

504.2.1 Notwithstanding the exceptions to Section 504.2, Group I-2 Assisted Living Facilities shall be allowed to be two stories of Type V-A construction when all of the following apply:

1. All secured units are located at the level of exit discharge in compliance with Section 1008.1.8.3 as amended;

2. The total combined area of both stories shall not exceed the total allowable area for a one-story building; and

3. All other provisions that apply in Section 407 have been provided.

(18) In Section (F)902, the definition for record drawings is deleted and replaced with the following:

(F)RECORD DRAWINGS. Drawings ("as builts") that document all aspects of a fire protection system as installed.

(19) In Section (F)903.2.3 condition 2 is deleted and replaced with the following:

2. Where a Group F-1 fire area is located more than three stories above the lowest level of fire department vehicle access; or

(20) In Section (F)903.2.6 condition 2 is deleted and replaced with the following:

2. Where a Group M fire area is located more than three stories above the lowest level of fire department vehicle access; or

(21) Section (F)903.2.7 is deleted and replaced with the following:

(F)903.2.7 Group R. An automatic sprinkler system installed in accordance with Section 903.3 shall be provided throughout all buildings with a Group R fire area.

Exceptions:

1. Detached one- and two-family dwellings and multiple single-family dwellings (townhouses) constructed in accordance with the International Residential Code For One- and Two-Family Dwellings.

2. Group R-4 fire areas not more than 4,500 gross square feet and not containing more than 16 residents, provided the building is equipped throughout with an approved fire alarm system that is interconnected and receives it primary power from the building wiring and a commercial power system.

(22) In Section F903.2.8 condition 2 is deleted and replaced with the following:

2. Where a Group S-1 fire area is located more than three stories above the lowest level of fire department vehicle access; or

(23) Section (F)903.2.9 is deleted and replaced with the following:

(F)903.2.9 Group S-2. An automatic sprinkler system shall be provided throughout buildings classified as parking garages in accordance with Section 406.2 or where located beneath other groups.

Exception 1: Parking garages of less than 5,000 square feet (464 m^2)accessory to Group R-3 occupancies.

Exception 2: Open parking garages not located beneath other groups if one of the following conditions is met:

a. Access is provided for fire fighting operations to within 150 feet (45,720 mm) of all portions of the parking garage as measured from the approved fire department vehicle access; or

b. Class I standpipes are installed throughout the parking garage.

(24) In Section (F)903.2.9.1 the last clause "where the fire area exceeds 5,000 square feet (464 m^2)" is deleted.

(25) Section (F)904.11 and Subsections (F)904.11.3, (F)904.11.3.1, (F)904.11.4 and (F)904.11.4.1 are deleted and replaced with the following:

(F)904.11 Commercial cooking systems. The automatic fire-extinguishing system for commercial cooking systems shall be of a type recognized for protection of commercial cooking equipment and exhaust systems of the type and arrangement protected. Pre-engineered automatic extinguishing systems shall be tested in accordance with UL 300 and listed and labeled for the intended application. The system shall be installed in accordance with this code, its listing and the manufacturer's installation instructions. Automatic fire-extinguishing systems shall be installed in accordance with the referenced standard for wet-chemical extinguishing systems, NFPA 17A.

Exception: Factory-built commercial cooking recirculating systems that are tested in accordance with UL 710B and listed, labeled and installed in accordance with Section 304.1 of the International Mechanical Code.

(Subsections (F)904.11.1 and (F)904.11.2 remain unchanged.

(26) Section (F)907.2.10 is deleted and replaced with the following:

(F)907.2.10 Single- and multiple-station alarms. Listed single- and multiple-station smoke alarms complying with U.L. 217 shall be installed in accordance with the provision of this code and the household fire-warning equipment provision of NFPA 72. Listed single- and multiple-station carbon monoxide detectors shall comply with U.L. 2034 and shall be installed in accordance with the provisions of this code and NFPA 720.

(F)907.2.10.1 Smoke alarms. Single- or multiple-station smoke alarms shall be installed in the locations described in Sections (F)907.2.10.1.1 through (F)907.2.10.1.3.

(F)907.2.10.1.1 Group R-1. Single- or multiple-station smoke alarms shall be installed in all of the following locations in Group R-1:

1. In sleeping areas.

2. In every room in the path of the means of egress from the sleeping area to the door leading from the sleeping unit.

3. In each story within the sleeping unit, including basements. For sleeping units with split levels and without an intervening door between the adjacent levels, a smoke alarm installed on the upper level shall suffice for the adjacent lower level provided that the lower level is less than one full story below the upper level.

(F)907.2.10.1.2 Groups R-2, R-3, R-4 and I-1. Single- or multiple-station smoke alarms shall be installed and maintained in Groups R-2, R-3, R-4 and I-1, regardless of occupant load at all of the following locations:

1. On the ceiling or wall outside of each separate sleeping area in the immediate vicinity of bedrooms.

2. In each room used for sleeping purposes.

3. In each story within a dwelling unit, including basements and cellars but not including crawl spaces and uninhabitable attics. In dwellings or dwelling units with split levels and without an intervening door between the adjacent levels, a smoke alarm installed on the upper level shall suffice for the adjacent lower level provided that the lower level is less than one full story below the upper level.

(F)907.2.10.1.3 Group I-1. Single- or multiple-station smoke alarms shall be installed and maintained in sleeping areas in occupancies in Group I-1.

Exception: Single- or multiple-station smoke alarms shall not be required where the building is equipped throughout with an automatic fire detection system in accordance with Section (F)907.2.6.

(F)907.2.10.2 Carbon monoxide alarms. Carbon monoxide alarms shall be installed on each habitable level of a dwelling unit or sleeping unit in Groups R-2, R-3, R-4 and I-1 equipped with fuel burning appliances.

(F)907.2.10.3. Power source. In new construction, required alarms shall receive their primary power from the building wiring where such wiring is served from a commercial source and shall be equipped with a battery backup. Alarms shall emit a signal when the batteries are low. Wiring shall be permanent and without a disconnecting switch other than as required for overcurrent protection.

Exception: Alarms are not required to be equipped with battery backup in Group R-1 where they are connected to an emergency electrical system.

(F)907.2.10.4 Interconnection. Where more than one alarm is required to be installed with an individual dwelling unit in Group R-2, R-3, or R-4, or within an individual sleeping unit in Group R-1, the alarms shall be interconnected in such a manner that the activation of one alarm will activate all of the alarms in the individual unit. The alarm shall be clearly audible in all bedrooms over background noise levels with all intervening doors closed. Approved combination smoke and carbon-monoxide detectors shall be permitted.

(F)907.2.10.5 Acceptance testing. When the installation of the alarm devices is complete, each detector and interconnecting wiring for multiple-station alarm devices shall be tested in accordance with the household fire warning equipment provisions of NFPA 72 and NFPA 720, as applicable.

(27) In Section 1007.3 a new exception 6 is added as follows:

6. Areas of refuge are not required at exit stairways in buildings or facilities equipped throughout with an automatic fire sprinkler system installed in accordance with Section 903.3.1.1 or 903.3.1.2.

(28) In Section 1007.4 the word "exception" is changed to "exception 1" and an exception 2 is added as follows:

2. Elevators are not required to be accessed from an area of refuge or horizontal exit in buildings or facilities equipped throughout with an automatic fire sprinkler system installed in accordance with Section 903.3.1.1 or 903.3.1.2.

(29) In Section 1008.1.8.3, a new subparagraph (5) is added as follows:

(5) Doors in Group I-1 and I-2 occupancies, where the clinical needs of the patients require specialized security measures for their safety, approved access controlled egress may be installed when all the following are met:

5.1 The controlled egress doors shall unlock upon activation of the automatic fire sprinkler system or automatic fire detection system.

5.2 The facility staff can unlock the controlled egress doors by either sensor or keypad.

5.3 The controlled egress doors shall unlock upon loss of power.

(30) In Section 1009.3, Exception #4 is deleted and replaced with the following:

4. In Group R-3 occupancies, within dwelling units in Group R-2 occupancies, and in Group U occupancies that are accessory to a Group R-3 occupancy, or accessory to individual dwelling units in Group R-2 occupancies, the maximum riser height shall be 8 inches (203 mm) and the minimum tread depth shall be 9 inches (229 mm). The minimum winder tread depth at the walk line shall be 10 inches (254 mm), and the minimum winder tread depth shall be 6 inches (152 mm). A nosing not less than 0.75 inch (19.1 mm) but not more than 1.25 inches (32 mm) shall be provided on stairways with solid risers where the tread depth is less than 10 inches (254 mm).

(31) In Section 1009.10 Exception 6 is added as follows:

6. In occupancies in Group R-3, as applicable in Section 101.2 and in occupancies in Group U, which are accessory to an occupancy in Group R-3, as applicable in Section 101.2, handrails shall be provided on at least one side of stairways consisting of four or more risers.

(32) Section 1012.3 is amended to include the following exception at the end of the section:

Exception. Non-circular handrails serving an individual unit in a Group R-1, Group R-2 or Group R-3 occupancy with a perimeter greater than 6 1/4 inches (160 mm) shall provide a graspable finger recess area on both sides of the profile. The finger recess shall begin within a distance of 3/4 inch (19 mm) measured vertically from the tallest portion of the profile and achieve a depth of at least 5/16 inch (8 mm) within 7/8 inch (22 mm) below the widest portion of the profile. This required depth shall continue for at least 3/8 inch (10 mm) to a level that is not less than 1 3/4 inches (45 mm) below the tallest portion of the profile. The minimum width of the handrail above the recess shall be 1 1/4 inches (32 mm) to a maximum of 2 3/4 inches (70 mm). Edges shall have a minimum radius of 0.01 inch (0.25 mm).

(33) In Section 1013.2 Exception 3 is added as follows:

3. For occupancies in Group R-3 and within individual dwelling units in occupancies in Group R-2, as applicable in Section 101.2, guards shall form a protective barrier not less than 36 inches (914 mm) in height.

(34) In Section 1015.2.2 the following sentence is added at the end:

Additional exits or exit access doorways shall be arranged a reasonable distance apart so that if one becomes blocked, the others will be available.

(35) A new Section 1109.7.1 is added as follows:

1109.7.1 Platform (wheelchair) lifts. All platform (wheelchair) lifts shall be capable of independent operation without a key.

(36) In Section 1208.4 subparagraph 1 is deleted and replaced with the following:

1. The unit shall have a living room of not less than 165 square feet (15.3 m^2) of floor area. An additional 100 square feet (9.3 m^2) of floor area shall be provided for each occupant of such unit in excess of two.

(37) Section 1405.3 is deleted and replaced with the following:

1405.3 Flashing. Flashing shall be installed in such a manner so as to prevent moisture from entering the wall or to redirect it to the exterior. Flashings shall be installed at the perimeters of exterior door and window assemblies, penetrations and terminations of exterior wall assemblies, exterior wall intersections with roofs, chimneys, porches, decks, balconies and similar projections and at built-in gutters and similar locations where moisture could enter the wall. Flashing with projected flanges shall be installed on both sides and the ends of copings, under sills and continuously above projected trim. A flashing shall be installed at the intersection of the foundation to stucco, masonry, siding or brick veneer. The flashing shall be on an approved corrosion-resistant flashing with a 1/2" drip leg extending past exterior side of the foundation.

(38) In Section 1605.2.1, the formula shown as "$f_2 = 0.2$ for other roof configurations" is deleted and replaced with the following:

$f_2 = 0.20 + .025(A-5)$ for other configurations where roof snow load exceeds 30 psf

$f_2 = 0$ for roof snow loads of 30 psf (1.44kN/m^2) or less.

Where A = Elevation above sea level at the location of the structure (ft/1000).

(39) In Section 1605.3.1 and section 1605.3.2, Exception number 2 in each section is deleted and replaced with the following:

2. Flat roof snow loads of 30 pounds per square foot (1.44 kNm^2) or less need not be combined with seismic loads. Where flat roof snow loads exceed 30 pounds per square foot (1.44 kNm^2), the snow loads may be reduced in accordance with the following in load combinations including both snow and seismic loads. W_s as calculated below, shall be combined with seismic loads.

$W_s = (0.20 + 0.025(A-5))P_f$ is greater than or equal to 0.20 P_f

Where

W_s = Weight of snow to be included in seismic calculations;

A = Elevation above sea level at the location of the structure (ft/1000)

P_f = Design roof snow load, psf

For the purpose of this section, snow load shall be assumed uniform on the roof footprint without including the effects of drift or sliding. The Importance Factor, I, used in calculating P_f may be considered 1.0 for use in the formula for W_s.

(40) In Table 1607.1 number 9 is deleted and replaced with the following:

TABLE 1607.1 NUMBER 9

Occupancy or Use	Uniform (psf)	Concentrated (lbs)
9. Decks, except residential	Same as occupancy served[h]	
9.1 Residential decks	60 psf	

(41) Section 1608.1 is deleted and replaced with the following:

1608.1 General. Except as modified in section 1608.1.1, 1608.1.2, and 1608.1.3 design snow loads shall be determined in accordance with Section 7 of ASCE 7, but the design roof load shall not be less than that determined by Section 1607.

(42) Section 1608.1.1 is added as follows:

1608.1.1 Section 7.4.5 of Section 7 of ASCE 7 referenced in Section 1608.1 of the IBC is deleted and replaced with the following:

Section 7.4.5 Ice Dams and Icicles Along Eaves. Where ground snow loads exceed 75 psf, eaves shall be capable of sustaining a uniformly distributed load of $2p_f$ on all overhanging portions. No other loads except dead loads shall be present on the roof when this uniformly distributed load is applied. All building exits under down-slope eaves shall be protected from sliding snow and ice.

(43) Section 1608.1.2 is added as follows:

1608.1.2 Utah Snow Loads. The ground snow load, P_g, to be used in the determination of design snow loads for buildings and other structures shall be determined by using the following formula: $P_g = (P_o^2 + S^2(A-A_o)^2)^{0.5}$ for A greater than A_o, and $P_g = P_o$ for A less than or equal to A_o.

WHERE

P_g = Ground snow load at a given elevation (psf)

P_o = Base ground snow load (psf) from Table No. 1608.1.2(a)

S = Change in ground snow load with elevation (psf/100 ft.) From Table No. 1608.1.2(a)

A = Elevation above sea level at the site (ft./1000)

A_o = Base ground snow elevation from Table 1608.1.2(a) (ft./1000)

The building official may round the roof snow load to the nearest 5 psf. The ground snow load, P_g, may be adjusted by the building official when a licensed engineer or architect submits data substantiating the adjustments. A record of such action together with the substantiating data shall be provided to the division for a permanent record.

The building official may also directly adopt roof snow loads in accordance with Table 1608.1.2(b), provided the site is no more than 100 ft. higher than the listed elevation.

Where the minimum roof live load in accordance with section 1607.11 is greater than the design roof snow load, such roof live load shall be used for design, however, it shall not be reduced to a load lower than the design roof snow load. Drifting need not be considered for roof snow loads less than 20 psf.

(44) Table 1608.1.2(a) and Table 1608.1.2(b) are added as follows:

TABLE NO. 1608.1.2(a)
STATE OF UTAH - REGIONAL SNOW LOAD FACTORS

COUNTY	P_o	S	A_o
Beaver	43	63	6.2
Box Elder	43	63	5.2
Cache	50	63	4.5
Carbon	43	63	5.2
Daggett	43	63	6.5
Davis	43	63	4.5
Duchesne	43	63	6.5
Emery	43	63	6.0
Garfield	43	63	6.0
Grand	36	63	6.5
Iron	43	63	5.8
Juab	43	63	5.2
Kane	36	63	5.7
Millard	43	63	5.3
Morgan	57	63	4.5
Piute	43	63	6.2
Rich	57	63	4.1
Salt Lake	43	63	4.5
San Juan	43	63	6.5
Sanpete	43	63	5.2
Sevier	43	63	6.0
Summit	86	63	5.0
Tooele	43	63	4.5
Uintah	43	63	7.0
Utah	43	63	4.5
Wasatch	86	63	5.0
Washington	29	63	6.0
Wayne	36	63	6.5
Weber	43	63	4.5

TABLE NO. 1608.1.2(b)
RECOMMENDED SNOW LOADS FOR SELECTED UTAH CITIES AND TOWNS(2)

		Roof Snow Load (PSF)	Ground Snow Load (PSF)
Beaver County			
Beaver	5920 ft.	43	62
Box Elder County			
Brigham City	4300 ft.	30	43
Tremonton	4290 ft.	30	43
Cache County			
Logan	4530 ft.	35	50
Smithfield	4595 ft.	35	50
Carbon County			
Price	5550 ft.	30	43
Daggett County			
Manila	5377 ft.	30	43
Davis County			
Bountiful	4300 ft.	30	43
Farmington	4270 ft.	30	43
Layton	4400 ft.	30	43
Fruit Heights	4500 ft.	40	57
Duchesne County			
Duchesne	5510 ft.	30	43
Roosevelt	5104 ft.	30	43
Emery County			
Castledale	5660 ft.	30	43
Green River	4070 ft.	25	36
Garfield County			
Panguitch	6600 ft.	30	43
Grand County			
Moab	3965 ft.	25	36
Iron County			
Cedar City	5831 ft.	30	43
Juab County			
Nephi	5130 ft.	30	43
Kane County			
Kanab	5000 ft.	25	36
Millard County			
Millard	5000 ft.	30	43
Delta	4623 ft.	30	43
Morgan County			
Morgan	5064 ft.	40	57
Piute County			
Piute	5996 ft.	30	43
Rich County			
Woodruff	6315 ft.	40	57
Salt Lake County			
Murray	4325 ft.	30	43
Salt Lake City	4300 ft.	30	43
Sandy	4500 ft.	30	43
West Jordan	4375 ft.	30	43
West Valley	4250 ft.	30	43
San Juan County			
Blanding	6200 ft.	30	43
Monticello	6820 ft.	35	50
Sanpete County			
Fairview	6750 ft.	35	50
Mt. Pleasant	5900 ft.	30	43
Manti	5740 ft.	30	43
Ephraim	5540 ft.	30	43
Gunnison	5145 ft.	30	43
Sevier County			
Salina	5130 ft.	30	43
Richfield	5270 ft.	30	43
Summit County			
Coalville	5600 ft.	60	86
Kamas	6500 ft.	70	100
Park City	6800 ft.	100	142
Park City	8400 ft.	162	231
Summit Park	7200 ft.	90	128
Tooele County			
Tooele	5100 ft.	30	43
Uintah County			
Vernal	5280 ft.	30	43
Utah County			
American Fork	4500 ft.	30	43
Orem	4650 ft.	30	43
Pleasant Grove	5000 ft.	30	43
Provo	5000 ft.	30	43
Spanish Fork	4720 ft.	30	43
Wasatch County			
Heber	5630 ft.	60	86
Washington County			
Central	5209 ft.	25	36
Dameron	4550 ft.	25	36
Leeds	3460 ft.	20	29
Rockville	3700 ft.	25	36
Santa Clara	2850 ft.	15 (1)	21
St. George	2750 ft.	15 (1)	21
Wayne County			
Loa	7080 ft.	30	43
Hanksville	4308 ft.	25	36
Weber County			
North Ogden	4500 ft.	40	57
Ogden	4350 ft.	30	43

NOTES
(1) The IBC requires a minimum live load - See 1607.11.2.
(2) This table is informational only in that actual site elevations may vary. Table is only valid if site elevation is within 100 feet of the listed elevation.

(45) Section 1608.1.3 is added as follows:

1608.1.3 Thermal Factor. The value for the thermal factor, C_t, used in calculation of p_f shall be determined from Table 7.3 in ASCE 7.

Exception: Except for unheated structures, the value of C_t need not exceed 1.0 when ground snow load, P_g is calculated using Section 1608.1.2 as amended.

(46) Section 1608.2 is deleted and replaced with the following:

1608.2 Ground Snow Loads. The ground snow loads to be used in determining the design snow loads for roofs in states

other than Utah are given in Figure 1608.2 for the contiguous United States and Table 1608.2 for Alaska. Site-specific case studies shall be made in areas designated CS in figure 1608.2. Ground snow loads for sites at elevations above the limits indicated in Figure 1608.2 and for all sites within the CS areas shall be approved. Ground snow load determination for such sites shall be based on an extreme value statistical analysis of data available in the vicinity of the site using a value with a 2-percent annual probability of being exceeded (50-year mean recurrence interval). Snow loads are zero for Hawaii, except in mountainous regions as approved by the building official.

(47) In Section 1609.1.1 a new exception number 5 is added as follows:

5. The wind design procedure as found in Section 1616 through 1624 of the 1997 Uniform Building Code may be used as an alternative wind design procedure for:

(a) items 1 through 3 listed in Table 16-H of the 1997 Uniform Building Code provided that the building or component being designed meets the limits for the Simplified Method as defined in ASCE 6.4.1.1 and 6.4.1.2 of ASCE 7; or

(b) items 4 through 7 listed in Table 16-H of the 1997 Uniform Building Code.

The Importance Factor, I, shall be determined in accordance with Table 6-1 of ASCE 7.

(48) Section 1613.7 is added as follows:

1613.7 ASCE 12.7.2 and 12.14.18.1 of Section 12 of ASCE 7 referenced in Section 1613.1, Definition of W, Item 4 is deleted and replaced with the following:

4. Where the flat roof snow load, P_f, exceeds 30 psf, the snow load included in seismic design shall be calculated, in accordance with the following formula: $W_s = (0.20 + 0.025(A-5))P_f$ is greater than or equal to 0.20 P_f

WHERE:

W_s = Weight of snow to be included in seismic calculations;

A = Elevation above sea level at the location of the structure (ft/1000)

P_f = Design roof snow load, psf

For the purposes of this section, snow load shall be assumed uniform on the roof footprint without including the effects of drift or sliding. The Importance Factor, I, used in calculating P_f may be considered 1.0 for use in the formula for W_s.

(49) A new Section 1613.8 is added as follows:

1613.8 ASCE 7, Section 13.5.6.2.2 paragraph (e) is modified to read as follows:

(e) Penetrations shall have a sleeve or adapter through the ceiling tile to allow for free movement of at least 1 inch (25 mm) in all horizontal directions.

Exceptions:

1. Where rigid braces are used to limit lateral deflections.

2. At fire sprinkler heads in frangible surfaces per NFPA 13.

(50) Section 1805.5 is deleted and replaced with the following:

1805.5 Foundation walls. Concrete and masonry foundation walls shall be designed in accordance with Chapter 19 or 21, respectively. Foundation walls that are laterally supported at the top and bottom and within the parameters of Tables 1805.5(1) through 1805.5(5) are permitted to be designed and constructed in accordance with Sections 1805.5.1 through 1805.5.5. Concrete foundation walls may also be constructed in accordance with Section 1805.5.8.

(51) A new section 1805.5.8 is added as follows:

1805.5.8 Empirical foundation design. Group R, Division 3 Occupancies three stories or less in height, and Group U Occupancies, which are constructed in accordance with Section 2308, or with other methods employing repetitive wood-frame construction or repetitive cold-formed steel structural member construction, shall be permitted to have concrete foundations constructed in accordance with Table 1805.5(6).

(52) Table 1805.5(6) is added as follows:

Table 1805.5(6), entitled "Empirical Foundation Walls, dated January 1, 2007, published by the Department of Commerce, Division of Occupational and Professional Licensing is hereby adopted and incorporated by reference. Table 1805.5(6) identifies foundation requirements for empirical walls.

(53) A new section 2306.1.5 is added as follows:

2306.1.5 Load duration factors. The allowable stress increase of 1.15 for snow load, shown in Table 2.3.2, Frequently Used Load Duration Factors, C_d, of the National Design Specifications, shall not be utilized at elevations above 5,000 feet (1524 M).

(54) In Section 2308.6 the following exception is added:

Exception: Where foundation plates or sills are bolted or anchored to the foundation with not less than 1/2 inch (12.7 mm) diameter steel bolts or approved anchors, embedded at least 7 inches (178 mm) into concrete or masonry and spaced not more than 32 inches (816 mm) apart, there shall be a minimum of two bolts or anchor straps per piece located not less than 4 inches (102 mm) from each end of each piece. A properly sized nut and washer shall be tightened on each bolt to the plate.

(55) Section 2506.2.1 is deleted and replaced with the following:

2506.2.1 Other materials. Metal suspension systems for acoustical and lay-in panel ceilings shall conform with ASTM C635 listed in Chapter 35 and Section 13.5.6 of ASCE 7-05, as amended in Section 1613.8, for installation in high seismic areas.

(56) In Section 2902.1, the title for Table 2902.1 is deleted and replaced with the following and footnote e is added as follows: Table 2902.1, Minimum Number of Required Plumbing Facilities[a, e].

FOOTNOTE: e. When provided, in public toilet facilities there shall be an equal number of diaper changing facilities in male toilet rooms and female toilet rooms.

(57) Section 3006.5 Shunt Trip, the following exception is added:

Exception: Hydraulic elevators and roped hydraulic elevators with a rise of 50 feet or less.

(58) A new section 3403.2.4 is added as follows:

3403.2.4 Parapet bracing, wall anchors, and other appendages. Buildings constructed prior to 1975 shall have parapet bracing, wall anchors, and appendages such as cornices, spires, towers, tanks, signs, statuary, etc. evaluated by a licensed engineer when said building is undergoing reroofing, or alteration of or repair to said feature. Such parapet bracing, wall anchors, and appendages shall be evaluated in accordance with 75% of the seismic forces as specified in Section 1613. When allowed by the local building official, alternate methods of equivalent strength as referenced in Subsection R156-56-701(2) will be considered when accompanied by engineer sealed drawings, details and calculations. When found to be deficient because of design or deteriorated condition, the engineer's recommendations to anchor, brace, reinforce, or remove the deficient feature shall be implemented.

EXCEPTIONS:

1. Group R-3 and U occupancies.

2. Unreinforced masonry parapets need not be braced according to the above stated provisions provided that the maximum height of an unreinforced masonry parapet above the level of the diaphragm tension anchors or above the parapet braces shall not exceed one and one-half times the thickness of the parapet wall. The parapet height may be a maximum of two and one-half times its thickness in other than Seismic Design Categories D, E, or F.

(59) Section 3406.4 is deleted and replaced with the following:

3406.4 Change in Occupancy. When a change in occupancy results in a structure being reclassified to a higher Occupancy Category (as defined in Table 1604.5), or when such change of occupancy results in a design occupant load increase of 100% or more, the structure shall conform to the seismic requirements for a new structure.

Exceptions:

1. Specific seismic detailing requirements of this code or ASCE 7 for a new structure shall not be required to be met where it can be shown that the level of performance and seismic safety is equivalent to that of a new structure. Such analysis shall consider the regularity, overstrength, redundancy and ductility of the structure within the context of the existing and retrofit (if any) detailing providing. Alternatively, the building official may allow the structure to be upgraded in accordance with referenced sections as found in Subsection R156-56-701(2).

2. When a change of use results in a structure being reclassified from Occupancy Category I or II to Occupancy Category III and the structure is located in a seismic map area where S_{DS} is less than 0.33, compliance with the seismic requirements of this code and ASCE 7 are not required.

3. Where design occupant load increase is less than 25 occupants and the Occupancy Category does not change.

(60) The exception in 3409.1 is deleted and replaced with the following:

Exception: Type B dwelling or sleeping units required by section 1107 are not required to be provided in existing buildings and facilities, except when an existing occupancy is changed to R-2.

(61) In Section 3409.4, number 7 is added as follows:

7. When a change of occupancy in a building or portion of a building results in a Group R-2 occupancy as determined in section 1107.6.2, not less than 20 percent of the dwelling or sleeping units shall be Type B dwelling or sleeping units. These dwelling or sleeping units may be located on any floor of the building provided with an accessible route. Two percent, but not less than one, of the dwelling or sleeping units shall be Type A dwelling units.

(62) The following referenced standard is added under NFPA in chapter 35:

TABLE

Number	Title	Referenced in code Section number
720-05	Recommended Practice for the Installation of Household Carbon Monoxide (CO) Warning Equipment	907.2.10, 907.2.10.5

R156-56-802. Statewide Amendments to the IRC.

The following are adopted as amendments to the IRC to be applicable statewide:

(1) All statewide amendments to the IBC under Section R156-56-801, the NEC under Section R156-56-806, the IPC under Section R156-56-803, the IMC under Section R156-56-804, the IFGC under Section R156-56-805 and the IECC under Section R156-56-807 which may be applied to detached one and two family dwellings and multiple single family dwellings shall be applicable to the corresponding provisions of the IRC. All references to the ICC Electrical Code are deleted and replaced with the National Electrical Code adopted under Section R156-56-701(1)(b).

(2) Section 106.3.2 is deleted and replaced with the following:

106.3.2 Previous approval. If a lawful permit has been issued and the construction of which has been pursued in good faith within 180 days after the effective date of the code and has not been abandoned, then the construction may be completed under the code in effect at the time of the issuance of the permit.

(3) In Section 109, a new section is added as follows:

R109.1.5 Weather-resistive barrier and flashing inspections. An inspection shall be made of the weather-resistive barrier as required by Section R703.1 and flashings as required by Section R703.8 to prevent water from entering the weather-resistant exterior wall envelope.

The remaining sections are renumbered as follows:

R109.1.6 Other inspections

R109.1.6.1 Fire-resistance-rated construction inspection

R109.1.6.2 Reinforced masonry, insulating concrete form (ICF) and conventionally formed concrete wall inspection

R109.1.7 Final inspection.

(4) Section R114.1 is deleted and replaced with the following:

R114.1 Notice to owner. Upon notice from the building official that work on any building or structured is being prosecuted contrary to the provisions of this code or other pertinent laws or ordinances or in an unsafe and dangerous manner, such work shall be immediately stopped. The stop work order shall be in writing and shall be given to the owner of the property involved, or to the owner's agent or to the person doing the work; and shall state the conditions under which work will be permitted to resume.

(5) In Section R202, the definition of "Backsiphonage" is deleted and replaced with the following:

BACKSIPHONAGE: The backflow of potentially contaminated, polluted or used water into the potable water system as a result of the pressure in the potable water system falling below atmospheric pressure of the plumbing fixtures, pools, tanks or vats connected to the potable water distribution piping.

(6) In Section R202 the following definition is added:

CERTIFIED BACKFLOW PREVENTER ASSEMBLY TESTER: A person who has shown competence to test Backflow prevention assemblies to the satisfaction of the authority having jurisdiction under Subsection 19-4-104(4), Utah Code Ann. (1953), as amended.

(7) In Section R202 the definition of "Cross Connection" is deleted and replaced with the following:

CROSS CONNECTION. Any physical connection or potential connection or arrangement between two otherwise separate piping systems, one of which contains potable water and the other either water of unknown or questionable safety or steam, gas or chemical, whereby there exists the possibility for flow from one system to the other, with the direction of flow depending on the pressure differential between the two systems(see "Backflow, Water Distribution").

(8) In Section R202 the following definition is added:

HEAT exchanger (Potable Water). A device to transfer heat between two physically separated fluids (liquid or steam), one of which is potable water.

(9) In Section R202 the definition of "Potable Water" is deleted and replaced with the following:

POTABLE WATER. Water free from impurities present in amounts sufficient to cause disease or harmful physiological effects and conforming to the Titles 19-4 and 19-5, Utah Code Ann. (1953), as amended and the regulations of the public health authority having jurisdiction.

(10) In Section R202, the following definition is added:

S-Trap. A trap having it's weir installed above the inlet of the vent connection.

(11) In Section R202 the definition of "Water Heater" is deleted and replaced with the following:

WATER HEATER. A closed vessel in which water is heated by the combustion of fuels or electricity and is withdrawn for use externally to the system at pressures not exceeding 160 psig (1100 kPa (gage)), including the apparatus by which heat is generated, and all controls and devices necessary to prevent water temperatures from exceeding 210

degrees Fahrenheit (99 degrees Celsius).

(12) Figure R301.2(5) is deleted and replaced with Table R301.2(5a) and Table R301.2(5b) as follows:

TABLE NO. R301.2(5a)
STATE OF UTAH - REGIONAL SNOW LOAD FACTORS

COUNTY	P_o	S	A_o
Beaver	43	63	6.2
Box Elder	43	63	5.2
Cache	50	63	4.5
Carbon	43	63	5.2
Daggett	43	63	6.5
Davis	43	63	4.5
Duchesne	43	63	6.5
Emery	43	63	6.0
Garfield	43	63	6.0
Grand	36	63	6.5
Iron	43	63	5.8
Juab	43	63	5.2
Kane	36	63	5.7
Millard	43	63	5.3
Morgan	57	63	4.5
Piute	43	63	6.2
Rich	57	63	4.1
Salt Lake	43	63	4.5
San Juan	43	63	6.5
Sanpete	43	63	5.2
Sevier	43	63	6.0
Summit	86	63	5.0
Tooele	43	63	4.5
Uintah	43	63	7.0
Utah	43	63	4.5
Wasatch	86	63	5.0
Washington	29	63	6.0
Wayne	36	63	6.5
Weber	43	63	4.5

TABLE NO. R301.2(5b)
RECOMMENDED SNOW LOADS FOR SELECTED UTAH CITIES AND TOWNS(2)

		Roof Snow Load (PSF)	Ground Snow Load (PSF)
Beaver County			
Beaver	5920 ft.	43	62
Box Elder County			
Brigham City	4300 ft.	30	43
Tremonton	4290 ft.	30	43
Cache County			
Logan	4530 ft.	35	50
Smithfield	4595 ft.	35	50
Carbon County			
Price	5550 ft.	30	43
Daggett County			
Manila	5377 ft.	30	43
Davis County			
Bountiful	4300 ft.	30	43
Farmington	4270 ft.	30	43
Layton	4400 ft.	30	43
Fruit Heights	4500 ft.	40	57
Duchesne County			
Duchesne	5510 ft.	30	43
Roosevelt	5104 ft.	30	43
Emery County			
Castledale	5660 ft.	30	43
Green River	4070 ft.	25	36
Garfield County			
Panguitch	6600 ft.	30	43
Grand County			
Moab	3965 ft.	25	36
Iron County			
Cedar City	5831 ft.	30	43
Juab County			
Nephi	5130 ft.	30	43
Kane County			
Kanab	5000 ft.	25	36
Millard County			
Millard	5000 ft.	30	43
Delta	4623 ft.	30	43
Morgan County			
Morgan	5064 ft.	40	57
Piute County			
Piute	5996 ft.	30	43
Rich County			
Woodruff	6315 ft.	40	57
Salt Lake County			
Murray	4325 ft.	30	43
Salt Lake City	4300 ft.	30	43
Sandy	4500 ft.	30	43
West Jordan	4375 ft.	30	43
West Valley	4250 ft.	30	43
San Juan County			
Blanding	6200 ft.	30	43
Monticello	6820 ft.	35	50
Sanpete County			
Fairview	6750 ft.	35	50
Mt. Pleasant	5900 ft.	30	43
Manti	5740 ft.	30	43
Ephraim	5540 ft.	30	43
Gunnison	5145 ft.	30	43
Sevier County			
Salina	5130 ft.	30	43
Richfield	5270 ft.	30	43
Summit County			
Coalville	5600 ft.	60	86
Kamas	6500 ft.	70	100
Park City	6800 ft.	100	142
Park City	8400 ft.	162	231
Summit Park	7200 ft.	90	128
Tooele County			
Tooele	5100 ft.	30	43
Uintah County			
Vernal	5280 ft.	30	43
Utah County			
American Fork	4500 ft.	30	43
Orem	4650 ft.	30	43
Pleasant Grove	5000 ft.	30	43
Provo	5000 ft.	30	43
Spanish Fork	4720 ft.	30	43
Wasatch County			
Heber	5630 ft.	60	86
Washington County			
Central	5209 ft.	25	36
Dameron	4550 ft.	25	36
Leeds	3460 ft.	20	29
Rockville	3700 ft.	25	36
Santa Clara	2850 ft.	15 (1)	21
St. George	2750 ft.	15 (1)	21
Wayne County			
Loa	7080 ft.	30	43
Hanksville	4308 ft.	25	36
Weber County			
North Ogden	4500 ft.	40	57
Ogden	4350 ft.	30	43

NOTES
(1) The IRC requires a minimum live load - See R301.6.
(2) This table is informational only in that actual site elevations may vary. Table is only valid if site elevation is within 100 feet of the listed elevation.

(13) Section R301.6 is deleted and replaced with the following:

R301.6 Utah Snow Loads. The ground snow load, P_g, to be used in the determination of design snow loads for buildings and other structures shall be determined by using the following formula: $P_g = (P_o^2 + S^2(A-A_o)^2)^{0.5}$ for A greater than A_o, and $P_g = P_o$ for A less than or equal to A_o.

WHERE

P_g = Ground snow load at a given elevation (psf)

P_o = Base ground snow load (psf) from Table No. R301.2(5a)

S = Change in ground snow load with elevation (psf/100 ft.) From Table No. R301.2(5a)

A = Elevation above sea level at the site (ft./1000)

A_o = Base ground snow elevation from Table R301.2(5a) (ft./1000)

The building official may round the roof snow load to the nearest 5 psf. The ground snow load, P_g, may be adjusted by the building official when a licensed engineer or architect submits data substantiating the adjustments. A record of such action together with the substantiating data shall be provided to the division for a permanent record.

The building official may also directly adopt roof snow loads in accordance with Table R301.2(5b), provided the site is no more than 100 ft. higher than the listed elevation.

Where the minimum roof live load in accordance with

Table R301.6 is greater than the design roof snow load, such roof live load shall be used for design, however, it shall not be reduced to a load lower than the design roof snow load. Drifting need not be considered for roof snow loads less than 20 psf.

(14) Section R304.3 is deleted and replaced with the following:

R304.3 Minimum dimensions. Habitable rooms shall not be less than 7 feet (2134 mm) in any horizontal dimension.

Exception: Kitchens shall have a clear passageway of not less than 3 feet (914 mm) between counter fronts and appliances or counter fronts and walls.

(15) Section R311.5.3 is deleted and replaced with the following:

R311.5.3 Stair treads and risers.

R311.5.3.1 Riser height. The maximum riser height shall be 8 inches (203 mm). The riser shall be measured vertically between leading edges of the adjacent treads. The greatest riser height within any flight of stairs shall not exceed the smallest by more than 3/8 inch (9.5 mm).

R311.5.3.2 Tread depth. The minimum tread depth shall be 9 inches (228 mm). The tread depth shall be measured horizontally between the vertical planes of the foremost projection of adjacent treads and at a right angle to the tread's leading edge. The greatest tread depth within any flight of stairs shall not exceed the smallest by more than 3/8 inch (9.5 mm). Winder treads shall have a minimum tread depth of 10 inches (254 mm) measured as above at a point 12 inches (305 mm) from the side where the treads are narrower. Winder treads shall have a minimum tread depth of 6 inches (152 mm) at any point. Within any flight of stairs, the greatest winder tread depth at the 12 inch (305 mm) walk line shall not exceed the smallest by more than 3/8 inch (9.5 mm).

R311.5.3.3 Profile. The radius of curvature at the leading edge of the tread shall be no greater than 9/16 inch (14.3 mm). A nosing not less than 3/4 inch (19 mm) but not more than 1 1/4 inches (32 mm) shall be provided on stairways with solid risers. The greatest nosing projection shall not exceed the smallest nosing projection by more than 3/8 inches (9.5 mm) between two stories, including the nosing at the level of floors and landings. Beveling of nosing shall not exceed 1/2 inch (12.7 mm). Risers shall be vertical or sloped from the underside of the leading edge of the tread above at an angle not more than 30 degrees (0.51 rad) from the vertical. Open risers are permitted, provided that the opening between treads does not permit the passage of a 4-inch diameter (102 mm) sphere.

Exceptions.

1. A nosing is not required where the tread depth is a minimum of 10 inches (254 mm).

2. The opening between adjacent treads is not limited on stairs with a total rise of 30 inches (762 mm) or less.

(16) Section R313 is deleted and replaced with the following:

Section R313 SMOKE AND CARBON MONOXIDE ALARMS

R313.1 Single- and multiple-station smoke alarms. Single- and multiple-station smoke alarms shall be installed in the following locations:

1. In each sleeping room.

2. Outside of each separate sleeping area in the immediate vicinity of the bedrooms.

3. On each additional story of the dwelling, including basements and cellars but not including crawl spaces and uninhabitable attics. In dwellings or dwelling units with split levels and without an intervening door between the adjacent levels, a smoke alarm installed on the upper level shall suffice for the adjacent lower level provided that the lower level is less than one full story below the upper level.

All smoke alarms shall be listed and installed in accordance with the provisions of this code and the household fire warning equipment provision of NFPA 72.

R313.2 Carbon monoxide alarms. In new residential structures regulated by this code that are equipped with fuel burning appliances, carbon monoxide alarms shall be installed on each habitable level. All carbon monoxide detectors shall be listed and comply with U.L. 2034 and shall be installed in accordance with provisions of this code and NFPA 720.

R313.3 Interconnection of alarms. When multiple alarms are required to be installed within an individual dwelling unit, the alarm devices shall be interconnected in such a manner that the activation of one alarm will activate all of the alarms in the individual unit. The alarm shall be clearly audible in all bedrooms over background noise levels with all intervening doors closed. Approved combination smoke- and carbon-monoxide detectors shall be permitted.

R313.4 Power source. In new construction, the required alarms shall receive their primary power from the building wiring when such wiring is served from a commercial source, and when primary power is interrupted, shall receive power from a battery. Wiring shall be permanent and without a disconnecting switch other than those required for overcurrent protection. Alarms shall be permitted to be battery operated when installed in buildings without commercial power or in buildings that undergo alterations, repairs, or additions regulated by Section R313.5

R313.5 Alterations, repairs and additions. When interior alterations, repairs or additions requiring a permit occur, or when one or more sleeping rooms are added or created in existing dwellings, the individual dwelling unit shall be provided with alarms located as required for new dwellings; the alarms shall be interconnected and hard wired.

Exceptions:

1. Alarms in existing areas shall not be required to be interconnected and hard wired where the alterations or repairs do not result in the removal of interior wall or ceiling finishes exposing the structure, unless there is an attic, crawl space, or basement available which could provide access for hard wiring and interconnection without the removal of interior finishes.

2. Repairs to the exterior surfaces of dwellings are exempt from the requirements of this section.

(17) In Section R403.1.6 exception 4 is added as follows:

4. When anchor bolt spacing does not exceed 32 inches (813 mm) apart, anchor bolts may be placed with a minimum of two bolts per plate section located not less than 4 inches (102 mm) from each end of each plate section at interior bearing walls, interior braced wall lines and at all exterior walls.

(18) In Section R403.1.6.1 the following exception is added at the end of Item 2 and Item 3:

Exception: When anchor bolt spacing does not exceed 32 inches (816 mm) apart, anchor bolts may be placed with a minimum of two bolts per plate section located not less than 4 inches (102 mm) from each end of each plate section at interior bearing walls, interior braced wall lines and at all exterior walls.

(19) New Sections R404.0, R404.0.1 and R404.0.2 are added before Section 404.1 as follows:

R404.0 This section may be used as an alternative to complying with Sections R404.1 through R404.1.5.1.

R404.0.1 Concrete and masonry foundation walls. Concrete and masonry foundation walls may be designed in accordance with IBC Chapters 19 or 21 respectively. Foundation walls that are laterally supported at the top and bottom within the parameters of IBC Tables 1805.5(1) through 1805.5(5) are permitted to be designed and constructed in accordance with IBC Sections 1805.5.1 through 1805.5.5. Concrete foundation walls may also be constructed in accordance with Section R404.0.2.

R404.0.2 Empirical foundation design. Buildings constructed with repetitive wood frame construction or repetitive cold-formed steel structural member construction may

be permitted to have concrete foundations constructed in accordance with IBC Table 1805.5(6). IBC Table 1805.5(6) entitled "Empirical Foundations Walls", dated January 1, 2007, published by the Department of Commerce, Division of Occupational and Professional Licensing, is hereby adopted and incorporated by reference. Table 1805.5(6) identifies foundation requirements for empirical walls.

(20) Section R703.6 is deleted and replaced with the following:

R703.6 Exterior plaster.

R703.6.1 Lath. All lath and lath attachments shall be of corrosion-resistant materials. Expanded metal or woven wire lath shall be attached with 1 1/2 inch-long (38 mm), 11 gage nails having 7/16 inch (11.1 mm) head, or 7/8-inch-long (22.2 mm), 16 gage staples, spaced at no more than 6 inches (152 mm), or as otherwise approved.

R703.6.2 Weather-resistant barriers. Weather-resistant barriers shall be installed as required in Section R703.2 and, where applied over wood-based sheathing, shall include a weather-resistive vapor permeable barrier with a performance at least equivalent to two layers of Grade D paper.

R703.6.3 Plaster. Plastering with portland cement plaster shall be not less than three coats when applied over metal lath or wire lath and shall be not less than two coats when applied over masonry, concrete or gypsum backing. If the plaster surface is completely covered by veneer or other facing material or is completely concealed, plaster application need be only two coats, provided the total thickness is as set forth in Table R702.1(1). On wood-frame construction with an on-grade floor slab system, exterior plaster shall be applied in such a manner as to cover, but not extend below, lath, paper and screed.

The proportion of aggregate to cementitious materials shall be as set forth in Table R702.1(3).

R703.6.3.1 Weep screeds. A minimum 0.019-inch (0.5 mm) (No. 26 galvanized sheet gage), corrosion-resistant weep screed or plastic weep screed, with a minimum vertical attachment flange of 3 1/2 inches (89 mm) shall be provided at or below the foundation plate line on exterior stud walls in accordance with ASTM C 926. The weep screed shall be placed a minimum of 4 inches (102 mm) above the earth or 2 inches (51 mm) above paved areas and shall be of a type that will allow trapped water to drain to the exterior of the building. The weather-resistant barrier shall lap the attachment flange. The exterior lath shall cover and terminate on the attachment flange of the weep screed.

(21) In Section R703.8, number 8 is added as follows:

8. At the intersection of foundation to stucco, masonry, siding, or brick veneer with an approved corrosive-resistance flashing with a 1/2" drip leg extending past exterior side of the foundation.

(22) A new Section G2401.2 is added as follows:

G2401.2 Meter Protection. Fuel gas services shall be in an approved location and/or provided with structures designed to protect the fuel gas meter and surrounding piping from physical damage, including falling, moving, or migrating ice and snow. If an added structure is used, it must provide access for service and comply with the IBC or the IRC.

(23) Section P2602.3 is added as follows:

P2602.3 Individual water supply. Where a potable public water supply is not available, individual sources of potable water supply shall be utilized provided that the source has been developed in accordance with Sections 73-3-1 and 73-3-25, Utah Code Ann. (1953), as amended, as administered by the Department of Natural Resources, Division of Water Rights. In addition, the quality of the water shall be approved by the local health department having jurisdiction.

(24) Section P2602.4 is added as follows:

P2602.4 Sewer required. Every building in which plumbing fixtures are installed and all premises having drainage piping shall be connected to a public sewer where the sewer is within 300 feet of the property line in accordance with Section 10-8-38, Utah Code Ann, (1953), as amended; or an approved private sewage disposal system in accordance with Rule R317, Chapter 4, Utah Administrative Code, as administered by the Department of Environmental Quality, Division of Water Quality.

(25) Section P2603.2.1 is deleted and replaced with the following:

P2603.2.1 Protection against physical damage. In concealed locations where piping, other than cast-iron or galvanized steel, is installed through holes or notches in studs, joists, rafters, or similar members less than 1 1/2 inch (38 mm) from the nearest edge of the member, the pipe shall be protected by shield plates. Protective shield plates shall be a minimum of 1/16 inch-thick (1.6 mm) steel, shall cover the area of the pipe where the member is notched or bored, and shall be at least the thickness of the framing member penetrated.

(26) In Section P2801.7 the word townhouses is deleted.

(27) Section P2902.1.1 is added as follows:

P2902.1.1 Backflow assembly testing. The premise owner or his designee shall have backflow prevention assemblies operation tested at the time of installation, repair and relocation and at least on an annual basis thereafter, or more frequently as required by the authority having jurisdiction. Testing shall be performed by a Certified Backflow Preventer Assembly Tester. The assemblies that are subject to this paragraph are the Spill Resistant Vacuum Breaker, the Pressure Vacuum Breaker Assembly, the Double Check Backflow Prevention Assembly, the Double Check Detector Assembly Backflow Preventer, the Reduced Pressure Principle Backflow Preventer, and Reduced Pressure Detector Assembly.

(28) Table P2902.3 is deleted and replaced with the following:

TABLE P2902.3
General Methods of Protection

Assembly (applicable standard)	Degree of Hazard	Application	Installation Criteria
Air Gap (ASME A112.1.2)	High or Low	Backsiphonage	See Table P2902.3.1
Reduced Pressure Principle Backflow Preventer (AWWA C511, USC-FCCCHR, ASSE 1013 CSA CNA/CSA-B64.4) and Reduced Pressure Detector Assembly (ASSE 1047, USC-FCCCHR)	High or Low	Backpressure or Backsiphonage 1/2" - 16"	a. The bottom of each RP assembly shall be a minimum of 12 inches above the ground or floor. b. RP assemblies shall NOT be installed in a pit. c. The relief valve on each RP assembly shall not be directly connected to any waste disposal line, including sanitary sewer, storm drains, or vents. d. The assembly shall be installed in a horizontal position only unless listed or approved for vertical installation.
Double Check Backflow Prevention Assembly (AWWA C510, USC-FCCCHR, ASSE 1015) Double Check Detector Assembly Backflow Preventer	Low	Backpressure or Backsiphonage 1/2" - 16"	a. If installed in a pit, the DC assembly shall be installed with a minimum of 12 inches of clearance between all sides of the vault including the floor and roof or ceiling with

(ASSE 1048, USC-FCCCHR)			adequate room for testing and maintenance. b. Shall be installed in a horizontal position unless listed or approved for vertical installation.
Pressure Vacuum Breaker Assembly (ASSE 1020, USC-FCCCHR)	High or Low	Backsiphonage 1/2" - 2"	a. Shall not be installed in an area that could be subjected to backpressure or back drainage conditions. b. Shall be installed a minimum of 12 inches above all downstream piping and the highest point of use. c. Shall not be installed below ground or in a vault or pit. d. Shall be installed in a vertical position only.
Spill Resistant Vacuum Breaker (ASSE 1056, USC-FCCCHR)	High or Low	Backsiphonage 1/4" - 2"	a. Shall not be installed in an area that could be subjected to backpressure or back drainage conditions. b. Shall be installed a minimum of 12 inches above all downstream piping and the highest point of use. c. Shall not be installed below ground or in a vault or pit. d. Shall be installed in a vertical position only.
Atmospheric Vacuum Breaker (ASSE 1001 USC-FCCCHR, CSA CAN/CSA-B64.1.1	High or Low	Backsiphonage	a. Shall not be installed in an area that could be subjected to backpressure or back drainage conditions. b. Shall not be installed where it may be subjected to continuous pressure for more than 12 consecutive hours at any time. c. Shall be installed a minimum of six inches above all downstream piping and the highest point of use. d. Shall be installed on the discharge (downstream) side of any valves. e. The AVB shall be installed in a vertical position only.
General Installation Criteria			The assembly owner, when necessary, shall provide devices or structures to facilitate testing, repair, and/or maintenance and to insure the safety of the backflow technician. Assemblies shall not be installed more than five feet off the floor unless a permanent platform is installed. The body of the assembly shall not be closer than 12 inches to any wall, ceiling or incumbrance, and shall be accessible for testing, repair and/or maintenance. In cold climates, assemblies shall be protected from freezing by a means acceptable to the code official. Assemblies shall be maintained as an intact assembly.

(29) Table 2902.3a is added as follows:

TABLE 2902.3a
Specialty Backflow Devices for low hazard use only

Device	Degree of Hazard	Application	Applicable Standard
Antisiphon-type Water Closet Flush Tank Ball Cock	Low	Backsiphonage	ASSE 1002 CSA CAN/ CSA-B125
Dual check valve Backflow Preventer	Low	Backsiphonage or Backpressure 1/4" - 1"	ASSE 1024
Backflow Preventer with Intermediate Atmospheric Vent	Low Residential Boiler	Backsiphonage or Backpressure 1/4" - 3/4"	ASSE 1012 CSA CAN/ CSA-B64.3
Dual check valve type Backflow Preventer for Carbonated Beverage Dispensers/Post Mix Type	Low	Backsiphonage or Backpressure 1/4" - 3/8"	ASSE 1022
Hose-connection Vacuum Breaker	Low	Backsiphonage 1/2", 3/4", 1"	ASSE 1011 CSA CAN/ CSA-B64.2
Vacuum Breaker Wall Hydrants, Frost-resistant, Automatic Draining Type	Low	Backsiphonage 3/4", 1"	ASSE 1019 CSA CAN/ CSA-B64.2.2
Laboratory Faucet Backflow Preventer	Low	Backsiphonage	ASSE 1035 CSA CAN/ CSA-B64.7
Hose Connection Backflow Preventer	Low	Backsiphonage 1/2" - 1"	ASSE 1052

Installation Guidelines: The above specialty devices shall be installed in accordance with their listing and the manufacturer's instructions and the specific provisions of this chapter.

(30) Section P3003.2.1 is added as follows:

Section P3003.2.1 Improper Connections. No drain, waste, or vent piping shall be drilled and tapped for the purpose of making connections.

(31) In Section P3103.6, the following sentence is added at the end of the paragraph:

Vents extending through the wall shall terminate not less than 12 inches from the wall with an elbow pointing downward.

(32) In Section P3104.4, the following sentence is added

at the end of the paragraph:

Horizontal dry vents below the flood level rim shall be permitted for floor drain and floor sink installations when installed below grade in accordance with Chapter 30, and Sections P3104.2 and P3104.3. A wall cleanout shall be provided in the vertical vent.

(33) Chapter 43, Referenced Standards, is amended as follows:

The following reference standard is added:

TABLE

USC-FCCCHR 9th Edition Manual of Cross Connection Control	Foundation for Cross-Connection Control and Hydraulic Research University of Southern California Kaprielian Hall 300 Los Angeles CA 90089-2531	Table P2902.3

(34) In Chapter 43, the following standard is added under NFPA as follows:

TABLE

720-05	Recommended Practice for the Installation of Household Carbon Monoxide (CO) Warning Equipment	R313.2

R156-56-803. Statewide Amendments to the IPC.

The following are adopted as amendments to the IPC to be applicable statewide:

(1) In Section 202, the definition for "Backflow Backpressure, Low Head" is deleted in its entirety.

(2) In Section 202, the definition for "Backsiphonage" is deleted and replaced with the following:

Backsiphonage. The backflow of potentially contaminated, polluted or used water into the potable water system as a result of the pressure in the potable water system falling below atmospheric pressure of the plumbing fixtures, pools, tanks or vats connected to the potable water distribution piping.

(3) In Section 202, the following definition is added:

Certified Backflow Preventer Assembly Tester. A person who has shown competence to test Backflow prevention assemblies to the satisfaction of the authority having jurisdiction under Subsection 19-4-104(4), Utah Code Ann. (1953), as amended.

(4) In Section 202, the definition for "Cross Connection" is deleted and replaced with the following:

Cross Connection. Any physical connection or potential connection or arrangement between two otherwise separate piping systems, one of which contains potable water and the other either water of unknown or questionable safety or steam, gas or chemical, whereby there exists the possibility for flow from one system to the other, with the direction of flow depending on the pressure differential between the two systems (see "Backflow").

(5) In Section 202, the following definition is added:

Heat Exchanger (Potable Water). A device to transfer heat between two physically separated fluids (liquid or steam), one of which is potable water.

(6) In Section 202, the definition for "Potable Water" is deleted and replaced with the following:

Potable Water. Water free from impurities present in amounts sufficient to cause disease or harmful physiological effects and conforming to the Titles 19-4 and 19-5, Utah Code Ann. (1953), as amended and the regulations of the public health authority having jurisdiction.

(7) In Section 202, the following definition is added:

S-Trap. A trap having its weir installed above the inlet of the vent connection.

(8) In Section 202, the definition for "Water Heater" is deleted and replaced with the following:

Water Heater. A closed vessel in which water is heated by the combustion of fuels or electricity and is withdrawn for use external to the system at pressures not exceeding 160 psig (1100 kPa (gage)), including the apparatus by which heat is generated, and all controls and devices necessary to prevent water temperatures from exceeding 210 degrees Fahrenheit (99 degrees Celsius).

(9) Section 304.3 Meter Boxes is deleted.

(10) Section 305.5 is deleted and replaced with the following:

305.5 Pipes through or under footings or foundation walls. Any pipe that passes under or through a footing or through a foundation wall shall be protected against structural settlement.

(11) Section 305.8 is deleted and replaced with the following:

305.8 Protection against physical damage. In concealed locations where piping, other than cast-iron or galvanized steel, is installed through holes or notches in studs, joists, rafters or similar members less than 1 1/2 inches (38 mm) from the nearest edge of the member, the pipe shall be protected by shield plates. Protective shield plates shall be minimum of 1/16 inch-thick (1.6 mm) steel, shall cover the area of the pipe where the member is notched or bored, and shall be at least the thickness of the framing member penetrated.

(12) Section 305.10 is added as follows:

Section 305.10 Improper Connections. No drain, waste, or vent piping shall be drilled and tapped for the purpose of making connections.

(13) Section 311.1 is deleted.

(14) Section 312.9 is deleted in its entirety and replaced with the following:

312.9 Backflow assembly testing. The premise owner or his designee shall have backflow prevention assemblies operation tested at the time of installation, repair and relocation and at least on an annual basis thereafter, or more frequently as required by the authority having jurisdiction. Testing shall be performed by a Certified Backflow Preventer Assembly Tester. The assemblies that are subject to this paragraph are the Spill Resistant Vacuum Breaker, the Pressure Vacuum Breaker Assembly, the Double Check Backflow Prevention Assembly, the Double Check Detector Assembly Backflow Preventer, the Reduced Pressure Principle Backflow Preventer, and Reduced Pressure Detector Assembly.

(15) In Section 403.1 footnote e is added as follows:

FOOTNOTE: e. When provided, in public toilet facilities there shall be an equal number of diaper changing facilities in male toilet rooms and female toilet rooms.

(16) In Section 406.3, an exception is added as follows:

Exception: Gravity discharge clothes washers, when properly trapped and vented, shall be allowed to be directly connected to the drainage system or indirectly discharge into a properly sized catch basin, trench drain, or other approved indirect waste receptor installed for the purpose of receiving such waste.

(17) A new section 406.4 is added as follows:

406.4 Automatic clothes washer metal safe pans. Metal safe pans, when installed under automatic clothes washers, shall only be allowed to receive the unintended discharge from a leaking appliance, valve, supply hose, or overflowing waste water from the clothes washer standpipe. Clothes washer metal safe pans shall not be used as indirect waste receptors to receive the discharge of waste water from any other equipment, appliance, appurtenance, drain pipe, etc. Each safe pan shall be provided with an approved trap seal primer, conforming to ASSE 1018 or 1044 or a deep seal trap. The sides of the safe pan shall be no less than 1 1/2" high and shall be soldered at the joints to provide a water tight seal.

406.4.1 Safe pan outlet. The safe pan outlet shall be no less

than 1 1/2" in diameter and shall be located in a visible and accessible location to facilitate cleaning and maintenance. The outlet shall be flush with the surface of the pan so as not to allow water retention within the pan.

(18) Section 412.1 is deleted and replaced with the following:

412.1 Approval. Floor drains shall be made of ABS, PVC, cast-iron, stainless steel, brass, or other approved materials that are listed for the use.

(19) Section 412.5 is added as follows:

412.5 Public toilet rooms. All public toilet rooms shall be equipped with at least one floor drain.

(20) Section 418.1 is deleted and replaced with the following:

418.1 Approval. Sinks shall conform to ANSI Z124.6, ASME A112.19.1M, ASME A112.19.2M, ASME A112.19.3M, ASME A112.19.4M, ASME A112.19.9M, CSA B45.1, CSA B45.2, CSA B45.3, CSA B45.4 or NSF 2.

(21) Section 504.6.2 is deleted and replaced with the following:

504.6.2 Material. Relief valve discharge piping shall be of those materials listed in Tables 605.4 and 605.5 and meet the requirements for Sections 605.4 and 605.5 or shall be tested, rated and approved for such use in accordance with ASME A112.4.1. Piping from safety pan drains shall meet the requirements of Section 804.1 and be constructed of those materials listed in Section 702.

(22) Section 504.7.2 is deleted and replaced with the following:

504.7.2 Pan drain termination. The pan drain shall extend full-size and terminate over a suitably located indirect waste receptor, floor drain or extend to the exterior of the building and terminate not less than 6 inches (152 mm) and not more than 24 inches (610 mm) above the adjacent ground surface. When permitted by the administrative authority, the pan drain may be directly connected to a soil stack, waste stack, or branch drain. The pan drain shall be individually trapped and vented as required in Section 907.1. The pan drain shall not be directly or indirectly connected to any vent. The trap shall be provided with a trap primer conforming to ASSE 1018 or ASSE 1044.

(23) A new section 504.7.3 is added as follows:

504.7.3 Pan Designation. A water heater pan shall be considered an emergency receptor designated to receive the discharge of water from the water heater only and shall not receive the discharge from any other fixtures, devises or equipment.

(24) Section 602.3 is deleted and replaced with the following:

602.3 Individual water supply. Where a potable public water supply is not available, individual sources of potable water supply shall be utilized provided that the source has been developed in accordance with Sections 73-3-1, 73-3-3, and 73-3-25, Utah Code Ann. (1953), as amended, as administered by the Department of Natural Resources, Division of Water Rights. In addition, the quality of the water shall be approved by the local health department having jurisdiction. The source shall supply sufficient quantity of water to comply with the requirements of this chapter.

(25) Sections 602.3.1, 602.3.2, 602.3.3, 602.3.4, 602.3.5 and 602.3.5.1 are deleted in their entirety.

(26) Section 604.4.1 is added as follows:

604.4.1 Metering faucets. Self closing or metering faucets shall provide a flow of water for at least 15 seconds without the need to reactivate the faucet.

(27) Section 606.5 is deleted and replaced with the following:

606.5 Water pressure booster systems. Water pressure booster systems shall be provided as required by Section 606.5.1 through 606.5.11.

(28) Section 606.5.11 is added as follows:

606.5.11 Prohibited installation. In no case shall a booster pump be allowed that will lower the pressure in the public main to less than 20 psi.

(29) In Section 608.1, the following sentence is added at the end of the paragraph:

Connection without an air gap between potable water piping and sewer-connected waste shall not exist under any condition.

(30) Table 608.1 is deleted and replaced with the following:

TABLE 608.1
General Methods of Protection

Assembly (applicable standard)	Degree of Hazard	Application	Installation Criteria
Air Gap (ASME A112.1.2)	High or Low	Backsiphonage	See Table 608.15.1
Reduced Pressure Principle Backflow Preventer (AWWA C511, USC-FCCCHR, ASSE 1013 CSA CNA/CSA-B64.4) and Reduced Pressure Detector Assembly (ASSE 1047, USC-FCCCHR)	High or Low	Backpressure or Backsiphonage 1/2" - 16"	a. The bottom of each RP assembly shall be a minimum of 12 inches above the ground or floor. b. RP assemblies shall NOT be installed in a pit. c. The relief valve on each RP assembly shall not be directly connected to any waste disposal line, including sanitary sewer, storm drains, or vents. d. The assembly shall be installed in a horizontal position only unless listed or approved for vertical installation.
Double Check Backflow Prevention Assembly (AWWA C510, USC-FCCCHR, ASSE 1015) Double Check Detector Assembly Backflow Preventer (ASSE 1048, USC-FCCCHR)	Low	Backpressure or Backsiphonage 1/2" - 16"	a. If installed in a pit, the DC assembly shall be installed with a minimum of 12 inches of clearance between all sides of the vault including the floor and roof or ceiling with adequate room for testing and maintenance. b. Shall be installed in a horizontal position unless listed or approved for vertical installation.
Pressure Vacuum Breaker Assembly (ASSE 1020, USC-FCCCHR)	High or Low	Backsiphonage 1/2" - 2"	a. Shall not be installed in an area that could be subjected to backpressure or back drainage conditions. b. Shall be installed a minimum of 12 inches above all downstream piping and the highest point of use. c. Shall not be installed below ground or in a vault or pit. d. Shall be installed in a vertical position only.

Spill Resistant Vacuum (ASSE 1056, USC-FCCCHR)	High or Low	Backsiphonage 1/4" - 2"	a. Shall not be installed in an area that couldBreaker be subjected to backpressure or back drainage conditions. b. Shall be installed a minimum of 12 inches above all downstream piping and the highest point of use. c. Shall not be installed below ground or in a vault or pit. d. Shall be installed in a vertical position only.
Atmospheric Vacuum Breaker (ASSE 1001 USC-FCCCHR, CSA CAN/CSA-B64.1.1	High or Low	Backsiphonage	a. Shall not be installed in an area that could be subjected to backpressure or back drainage conditions. b. Shall not be installed where it may be subjected to continuous pressure for more than 12 consecutive hours at any time. c. Shall be installed a minimum of six inches above all downstream piping and the highest point of use. d. Shall be installed on the discharge (downstream) side of any valves. e. The AVB shall be installed in a vertical position only.
General Installation Criteria			The assembly owner, when necessary, shall provide devices or structures to facilitate testing, repair, and/or maintenance and to insure the safety of the backflow technician. Assemblies shall not be installed more than five feet off the floor unless a permanent platform is installed. The body of the assembly shall not be closer than 12 inches to any wall, ceiling or incumbrance, and shall be accessible for testing, repair and/or maintenance. In cold climates, assemblies shall be protected from freezing by a means acceptable to the code official. Assemblies shall be maintained as an intact assembly.

(31) Table 608.1.1 is added as follows:

TABLE 608.1.1
Specialty Backflow Devices for low hazard use only

Device	Degree of Hazard	Application	Applicable Standard
Antisiphon-type Water Closet Flush Tank Ball Cock	Low	Backsiphonage	ASSE 1002 CSA CAN/ CSA-B125
Dual check valve Backflow Preventer	Low	Backsiphonage or Backpressure 1/4" - 1"	ASSE 1024
Backflow Preventer with Intermediate Atmospheric Vent	Low Residential Boiler	Backsiphonage or Backpressure 1/4" - 3/4"	ASSE 1012 CSA CAN/ CSA-B64.3
Dual check valve type Backflow Preventer for Carbonated Beverage Dispensers/Post Mix Type	Low	Backsiphonage or Backpressure 1/4" - 3/8"	ASSE 1022
Hose-connection Vacuum Breaker	Low	Backsiphonage 1/2", 3/4", 1"	ASSE 1011 CSA CAN/ CSA-B64.2
Vacuum Breaker Wall Hydrants, Frost-resistant, Automatic Draining Type	Low	Backsiphonage 3/4", 1"	ASSE 1019 CSA CAN/ CSA-B64.2.2
Laboratory Faucet Backflow Preventer	Low	Backsiphonage	ASSE 1035 CSA CAN/ CSA-B64.7
Hose Connection Backflow Preventer	Low	Backsiphonage 1/2" - 1"	ASSE 1052

Installation Guidelines: The above specialty devices shall be installed in accordance with their listing and the manufacturer's instructions and the specific provisions of this chapter.

(32) In Section 608.3.1, the following sentence is added at the end of the paragraph:

All piping and hoses shall be installed below the atmospheric vacuum breaker.

(33) Section 608.7 is deleted in its entirety.

(34) In Section 608.8, the following sentence is added at the end of the paragraph:

In addition each nonpotable water outlet shall be labeled with the words "CAUTION: UNSAFE WATER, DO NOT DRINK".

(35) In Section 608.11, the following sentence is added at the end of the paragraph:

The coating shall conform to NSF Standard 61 and application of the coating shall comply with the manufacturers instructions.

(36) Section 608.13.3 is deleted and replaced with the following:

608.13.3 Backflow preventer with intermediate atmospheric vent. Backflow preventers with intermediate atmospheric vents shall conform to ASSE 1012 or CAS CAN/CAS-B64.3. These devices shall be permitted to be installed on residential boilers only where subject to continuous pressure conditions. The relief opening shall discharge by air gap and shall be prevented from being submerged.

(37) Section 608.13.4 is deleted in its entirety.

(38) Section 608.13.9 is deleted in its entirety.

(39) Section 608.15.3 is deleted and replaced with the following:

608.15.3 Protection by a backflow preventer with intermediate atmospheric vent. Opening and outlets to residential boilers only shall be protected by a backflow preventer with an intermediate atmospheric vent.

(40) Section 608.15.4 is deleted and replaced with the following:

608.15.4 Protection by a vacuum breaker. Openings and outlets shall be protected by atmospheric-type or pressure-type vacuum breakers. The critical level of the atmospheric vacuum breaker shall be set a minimum of 6 inches (152 mm) above the flood level rim of the fixture or device. The critical level of the pressure vacuum breaker shall be set a minimum of 12 inches (304 mm) above the flood level rim of the fixture or device. Ball cocks shall be set in accordance with Section 425.3.1. Vacuum breakers shall not be installed under exhaust hoods or similar locations that will contain toxic fumes or vapors. Pipe-applied vacuum breakers shall be installed not less than 6 inches (152 mm) above the flood level rim of the fixture, receptor or device served. No valves shall be installed downstream of the atmospheric vacuum breaker.

(41) Section 608.15.4.2 is deleted and replaced with the following:

608.15.4.2 Hose connections. Sillcocks, hose bibbs, wall hydrants and other openings with a hose connection shall be protected by an atmospheric-type or pressure-type vacuum breaker or a permanently attached hose connection vacuum breaker. Add-on-type backflow prevention devices shall be non-removable. In climates where freezing temperatures occur, a listed self-draining frost proof hose bibb with an integral backflow preventer shall be used.

(42) In Section 608.16.2, the first sentence of the paragraph is deleted and replaced as follows:

608.16.2 Connections to boilers. The potable water supply to the residential boiler shall be equipped with a backflow preventer with an intermediate atmospheric vent complying with ASSE 1012 or CSA CAN/CSA B64.3.

(43) Section 608.16.3 is deleted and replaced with the following:

608.16.3 Heat exchangers. Heat exchangers shall be separated from potable water by double-wall construction. An air gap open to the atmosphere shall be provided between the two walls.

Exceptions:

1. Single wall heat exchangers shall be permitted when all of the following conditions are met:

a. It utilizes a heat transfer medium of potable water or contains only substances which are recognized as safe by the United States Food and Drug Administration (FDA);

b. The pressure of the heat transfer medium is maintained less than the normal minimum operating pressure of the potable water system; and

c. The equipment is permanently labeled to indicate only additives recognized as safe by the FDA shall be used.

2. Steam systems that comply with paragraph 1 above.

3. Approved listed electrical drinking water coolers.

(44) In Section 608.16.4.1, add the following exception:

Exception: All class 1 and 2 systems containing chemical additives consisting of strictly glycerine (C.P. or U.S.P. 96.5 percent grade) or propylene glycol shall be protected against backflow with a double check valve assembly. Such systems shall include written certification of the chemical additives at the time of original installation and service or maintenance.

(45) Section 608.16.7 is deleted and replaced with the following:

608.16.7 Chemical dispensers. Where chemical dispensers connect to the water distribution system, the water supply system shall be protected against backflow in accordance with Section 608.13.1, Section 608.13.2, Section 608.13.5, Section 608.13.6 or Section 608.13.8.

(46) Section 608.16.8 is deleted and replaced with the following:

608.16.8 Portable cleaning equipment. Where the portable cleaning equipment connects to the water distribution system, the water supply system shall be protected against backflow in accordance with Section 608.13.1, Section 608.13.2 or Section 608.13.8.

(47) Section 608.16.9 is deleted and replaced with the following:

608.16.9 Dental pump equipment or water syringe. Where dental pumping equipment or water syringes connects to the water distribution system, the water supply system shall be protected against backflow in accordance with Section 608.13.1, Section 608.13.2, Section 608.13.5, Section 608.13.6 or Section 608.13.8.

(48) Section 608.16.11 is added as follows:

608.16.11 Automatic and coin operated car washes. The water supply to an automatic or coin operated car wash shall be protected in accordance with Section 608.13.1 or Section 608.13.2.

(49) Section 608.17 is deleted in its entirety.

(50) Section 701.2 is deleted and replaced with the following:

701.2 Sewer required. Every building in which plumbing fixtures are installed and all premises having drainage piping shall be connected to a public sewer where the sewer is within 300 feet of the property line in accordance with Section 10-8-38, Utah Code Ann., (1953), as amended; or an approved private sewage disposal system in accordance with Rule R317-4, Utah Administrative Code, as administered by the Department of Environmental Quality, Division of Water Quality.

(51) Section 802.3.2 is deleted in its entirety and replaced with the following:

802.3.2 Open hub waste receptors. Waste receptors for clear water waste shall be permitted in the form of a hub or pipe extending not more than 1/2 inch above a water impervious floor and are not required to have a strainer.

(52) Section 901.3 is deleted and replaced with the following:

901.3 Chemical waste vent system. The vent system for a chemical waste system shall be independent of the sanitary vent system and shall terminate separately through the roof to the open air or to an air admittance valve provided at least one chemical waste vent in the system terminates separately through the roof to the open air.

(53) Section 904.1 is deleted and replaced with the following:

904.1 Roof extensions. All open vent pipes that extend through a roof shall be terminated at least 12 inches (304.8 mm) above the roof, except that where a roof is to be used for any purpose other than weather protection, the vent extension shall be run at least 7 feet (2134 mm) above the roof.

(54) In Section 904.6, the following sentence is added at the end of the paragraph:

Vents extending through the wall shall terminate not less than 12 inches from the wall with an elbow pointing downward.

(55) In Section 905.4, the following sentence is added at the end of the paragraph:

Horizontal dry vents below the flood level rim shall be permitted for floor drain and floor sink installations when installed in accordance with Sections 702.2, 905.2 and 905.3 and provided with a wall clean out.

(56) In Section 917.8 the following exception is added:

Exception: Air admittance valves shall be permitted in non-neutralized special waste systems provided that they conform to the requirements in Sections 901.3 and 702.5, are tested to ASTM F1412, and are certified by ANSI/ASSE.

(57) Section 1104.2 is deleted and replaced with the following:

1104.2 Combining storm and sanitary drainage prohibited. The combining of sanitary and storm drainage systems is prohibited.

(58) Section 1108 is deleted in its entirety.

(59) The Referenced Standard NFPA 99c-02 in Chapter

13 is deleted and replaced with NFPA 99c-05.

(60) The Referenced Standard NSF-2003e in Chapter 13 is amended to add Section 608.11 to the list of Referenced in code section number.

(61) In Chapter 13, Referenced Standards, the following referenced standard is added:

TABLE

USC-FCCCHR 9th Edition Manual of Cross Connection Control	Foundation for Cross-Connection Control and Hydraulic Research University of Southern California Kaprielian Hall 300 Los Angeles CA 90089-2531	Table 608.1

(62) Appendix C of the IPC, Gray Water Recycling Systems as amended herein shall not be adopted by any local jurisdiction until such jurisdiction has requested Appendix C as amended to be adopted as a local amendment and such local amendment has been approved as a local amendment under these rules.

(63) In jurisdictions which have adopted Appendix C as amended as a local amendment as provided herein, Section 301.3 of the IPC is deleted and replaced with the following:

301.3 Connection to the drainage system. All plumbing fixtures, drains, appurtenances and appliances used to receive or discharge liquid wastes or sewage shall be directly connected to the drainage system of the building or premises, in accordance with the requirements of this Code. This section shall not be construed to prevent indirect waste systems provided for in Chapter 8.

Exception: Bathtubs, showers, lavatories, clothes washers and laundry sinks shall not be required to discharge to the sanitary drainage system where such fixtures discharge to a gray water recycling system meeting all the requirements as specified in Appendix C as amended by these rules.

(64) Appendix C is deleted and replaced with the following, to be effective only in jurisdictions which have adopted Appendix C as amended as a local amendment under these rules:

Appendix C, Gray Water Recycling Systems, C101 Gray Water Recycling Systems

C101.1 General, recycling gray water within a building. In R1, R2 and R4 occupancies and one- and two-family dwellings, gray water recycling systems are prohibited.

In commercial occupancies, recycled gray water shall only be utilized for the flushing of water closets and urinals that are located in the same building as the gray water recycling system, provided the following conditions are met:

1. Such systems comply with Sections C101.1 through C101.14 as amended by these rules.

2. The commercial establishment demonstrates that it has and will have qualified staff to oversee the gray water recycling systems. Qualified staff is defined as level 3 waste water treatment plan operator as specified by the Department of Environmental Quality.

3. Gray water recycling systems shall only receive non hazardous waste discharge of bathtubs, showers, lavatories, clothes washers and laundry sinks such as chemicals having a pH of 6.0 to 9.0, or non flammable or non combustible liquids, liquids without objectionable odors, non-highly pigmented liquids, or other liquids that will not interfere with the operation of the sewer treatment facilities.

C101.2 Permit required. A permit for any gray water recycling system shall not be issued until complete plans prepared by a licensed engineer, with appropriate data satisfactory to the Code Official, have been submitted and approved. No changes or connections shall be made to either the gray water recycling system or the potable water system within any site containing a gray water recycling system, without prior approved by the Code Official. A permit may also be required by the local health department to monitor compliance with this appendix for system operator standards and record keeping.

C101.3 Definition. The following term shall have the meaning shown herein.

GRAY WATER. Waste water discharged from lavatories, bathtubs, showers, clothes washers and laundry sinks.

C101.4 Installation. All drain, waste and vent piping associated with gray water recycling systems shall be installed in full compliance with this code.

C101.5 Gray Water Reservoir. Gray water shall be collected in an approved reservoir construction of durable, nonabsorbent and corrosion-resistant materials. The reservoir shall be a closed and gas-tight vessel. Gas tight access openings shall be provided to allow inspection and cleaning of the reservoir interior. The holding capacity of the reservoir shall be a minimum of twice the volume of water required to meet the daily flushing requirements of the fixtures supplied by the gray water, but not less than 50 gallons (189 L). The reservoir shall be sized to limit the retention time of gray water to 72 hours maximum.

C101.6 Filtration. Gray water entering the reservoir shall pass through an approved cartridge filter or other method approved by the Code Official.

C101.7 Disinfection. Gray water shall be disinfected by an approved method that employs one or more disinfectants such as chlorine, iodine or ozone. A minimum of 1 ppm free residual chlorine shall be maintained in the gray water recycling system reservoir. Such disinfectant shall be automatically dispensed. An alarm shall be provided to shut down the gray water recycling system if disinfectant levels are not maintained at the required levels.

C101.8 Makeup water. Potable water shall be supplied as a source of makeup water for the gray water recycling system. The potable water supply to any building with a gray water recycling system shall be protected against backflow by an RP backflow assembly installed in accordance with this code. There shall be full-open valve on the makeup water supply to the reservoir. The potable water supply to the gray water reservoir shall be protected by an air gap installed in accordance with this code.

C101.9 Overflow. The reservoir shall be equipped with an overflow pipe of the same diameter as the influent pipe for the gray water. The overflow shall be directly connected to the sanitary drainage system.

C101.10 Drain. A drain shall be located at the lowest point of the reservoir and shall be directly connected to the sanitary drainage system. The drain shall be the same diameter as the overflow pipe required by Section C101.9 and shall be provided with a full-open valve.

C101.11 Vent required. The reservoir shall be provided with a vent sized in accordance with Chapter 9 based on the size of the reservoir influent pipe.

C101.12 Coloring. The gray water shall be automatically dyed blue or green with a food grade vegetable dye before such water is supplied to the fixtures.

C101.13 Identification. All gray water distribution piping and reservoirs shall be identified as containing non-potable water. Gray water recycling system piping shall be permanently colored purple or continuously wrapped with purple-colored Mylar tape. The tape or permanently colored piping shall be imprinted in black, upper case letters with the words "CAUTION: GRAY WATER, DO NOT DRINK."

All equipment areas and rooms for gray water recycling system equipment shall have a sign posted in a conspicuous place with the following text: TO CONSERVE WATER, THIS BUILDING USES GRAY WATER TO FLUSH TOILETS

AND URINALS, DO NOT CONNECT TO THE POTABLE WATER SYSTEM. The location of the signage shall be determined by the Code Official.

C101.14 Removal from service. All gray water recycling systems that are removed from service shall have all connections to the reservoir capped and routed back to the building sewer. All gray water distribution lines shall be replaced with new materials.

C201.1 Outside the building. Gray water reused outside the building shall comply with the requirements of the Department of Environmental Quality Rule R317.

R156-56-804. Statewide Amendments to the IMC.

The following are adopted as amendments to the IMC to be applicable statewide:

R156-56-805. Statewide Amendments to the IFGC.

The following are adopted as amendments to the IFGC to be applicable statewide:

(1) The following paragraph is added at the end of Section 305.1

305.1 General. After natural gas, space and water heating appliances have been adjusted for altitude and the Btu content of the natural gas, the installer shall apply a sticker in a visible location indicating that the proper adjustments to such appliances have been made. The adjustments for altitude and the Btu content of the natural gas shall be done in accordance with the manufacturer's installation instructions and the gas utility's approved practices.

(2) Chapter 4, Section 401 General, a new section 401.9 is added as follows:

401.9 Meter protection. Fuel gas services shall be in an approved location and/or provided with structures designed to protect the fuel gas meter and surrounding piping from physical damage, including falling, moving, or migrating ice and snow. If an added structure is used, it must still provide access for service and comply with the IBC or the IRC.

R156-56-806. Statewide Amendments to the NEC.

The following are adopted as amendments to the NEC to be applicable statewide:

R156-56-807. Statewide Amendments to the IECC.

The following are adopted as amendments to the IECC to be applicable statewide:

(1) In Section 504.4, the following exception is added:

Exception: Heat traps, other than the arrangement of piping and fittings, shall be prohibited unless a means of controlling thermal expansion can be ensured as required in the IPC Section 607.3.

R156-56-808. Installation and Safety Requirements for Mobile Homes Built Prior to June 15, 1976.

(1) Mobile homes built prior to June 15, 1976 which are subject to relocation, building alteration, remodeling or rehabilitation shall comply with the following:

(a) Exits and egress windows

(i) Egress windows. The home has at least one egress window in each bedroom, or a window that meets the minimum specifications of the U.S. Department of Housing and Urban Development's (HUD) Manufactured Homes Construction and Safety Standards (MHCSS) program as set forth in 24 C.F.R. Parts 3280, 3283 and 3283, MHCSS 3280.106 and 3280.404 for manufactured homes. These standards require the window to be at least 22 inches in the horizontal or vertical position in its least dimension and at least five square feet in area. The bottom of the window opening shall be no more than 36 inches above the floor, and the locks and latches and any window screen or storm window devices that need to be operated to permit exiting shall not be located more than 54 inches above the finished floor.

(ii) Exits. The home is required to have two exterior exit doors, located remotely from each other, as required in MHCSS 3280.105. This standard requires that single-section homes have the doors no less than 12 feet, center-to-center, from each other, and multisection home doors no less than 20 feet center-to center from each other when measured in a straight line, regardless of the length of the path of travel between the doors. One of the required exit doors must be accessible from the doorway of each bedroom and no more than 35 feet away from any bedroom doorway. An exterior swing door shall have a 28-inch-wide by 74-inch-high clear opening and sliding glass doors shall have a 28-inch-wide by 72-inch-high clear opening. Each exterior door other than screen/storm doors shall have a key-operated lock that has a passage latch; locks shall not require the use of a key or special tool for operation from the inside of the home.

(b) Flame spread

(i) Walls, ceilings and doors. Walls and ceilings adjacent to or enclosing a furnace or water heater shall have an interior finish with a flame-spread rating not exceeding 25. Sealants and other trim materials two inches or less in width used to finish adjacent surfaces within these spaces are exempt from this provision, provided all joints are supported by framing members or materials with a flame spread rating of 25 or less. Combustible doors providing interior or exterior access to furnace and water heater spaces shall be covered with materials of limited combustibility (i.e. 5/16-inch gypsum board, etc.), with the surface allowed to be interrupted for louvers ventilating the space. However, the louvers shall not be of materials of greater combustibility than the door itself (i.e., plastic louvers on a wooden door). Reference MHCSS 3280.203.

(ii) Exposed interior finishes. Exposed interior finishes adjacent to the cooking range (surfaces include vertical surfaces between the range top and overhead cabinets, the ceiling, or both) shall have a flame-spread rating not exceeding 50, as required by MHCSS 3280.203. Backsplashes not exceeding six inches in height are exempted. Ranges shall have a vertical clearance above the cooking top of not less than 24 inches to the bottom of combustible cabinets, as required by MHCSS 3280.204(e).

(c) Smoke detectors

(i) Location. A smoke detector shall be installed on any ceiling or wall in the hallway or space communicating with each bedroom area between the living area and the first bedroom door, unless a door separates the living area from that bedroom area, in which case the detector shall be installed on the living-area side, as close to the door as practicable, as required by MHCSS 3280.208. Homes with bedroom areas separated by anyone or combination of common-use areas such as a kitchen, dining room, living room, or family room (but not a bathroom or utility room) shall be required to have one detector for each bedroom area. When located in the hallways, the detector shall be between the return air intake and the living areas.

(ii) Switches and electrical connections. Smoke detectors shall have no switches in the circuit to the detector between the over-current protection device protecting the branch circuit and the detector. The detector shall be attached to an electrical outlet box and connected by a permanent wiring method to a general electrical circuit. The detector shall not be placed on the same branch circuit or any circuit protected by a ground-fault circuit interrupter.

(d) Solid-fuel-burning stoves/fireplaces

(i) Solid-fuel-burning fireplaces and fireplace stoves. Solid-fuel-burning, factory-built fireplaces and fireplace stoves may be used in manufactured homes, provided that they are listed for use in manufactured homes and installed according to their listing/manufacturer's instructions and the minimum requirements of MHCSS 3280.709(g).

(ii) Equipment. A solid-fuel-burning fireplace or fireplace stove shall be equipped with an integral door or shutters designed to close the fire chamber opening and shall include complete means for venting through the roof, a combustion air inlet, a hearth extension, and means to securely attach the unit to the manufactured home structure.

(A) Chimney. A listed, factory-built chimney designed to be attached directly to the fireplace/fireplace stove and equipped with, in accordance with the listing, a termination device and spark arrester, shall be required. The chimney shall extend at least three feet above the part of the roof through which it passes and at least two feet above the highest elevation of any part of the manufactured home that is within 10 feet of the chimney.

(B) Air-intake assembly and combustion-air inlet. An air-intake assembly shall be installed in accordance with the terms of listings and the manufacturer's instruction. A combustion air inlet shall conduct the air directly into the fire chamber and shall be designed to prevent material from the hearth from dropping on the area beneath the manufactured home.

(C) Hearth. The hearth extension shall be of noncombustible material that is a minimum of 3/8-inch thick and shall extend a minimum of 16 inches in front and eight inches beyond each side of the fireplace/fireplace stove opening. The hearth shall also extend over the entire surface beneath a fireplace stove and beneath an elevated and overhanging fireplace.

(e) Electrical wiring systems

(i) Testing. All electrical systems shall be tested for continuity in accordance with MHCSS 3280.810, to ensure that metallic parts are properly bonded; tested for operation, to demonstrate that all equipment is connected and in working order; and given a polarity check, to determine that connections are proper.

(ii) 5.2 Protection. The electrical system shall be properly protected for the required amperage load. If the unit wiring employs aluminum conductors, all receptacles and switches rated at 20 amperes or less that are directly connected to the aluminum conductors shall be marked CO/ALA. Exterior receptacles, other than heat tape receptacles, shall be of the ground-fault circuit interrupter (GFI) type. Conductors of dissimilar metals (copper/aluminum or copper-clad aluminum) must be connected in accordance with National Electrical Code (NEC) Section 110-14.

(f) Replacement furnaces and water heaters

(i) Listing. Replacement furnaces or water heaters shall be listed for use in a manufactured home. Vents, roof jacks, and chimneys necessary for the installation shall be listed for use with the furnace or water heater.

(ii) Securement and accessibility. The furnace and water heater shall be secured in place to avoid displacement. Every furnace and water heater shall be accessible for servicing, for replacement, or both as required by MHCSS 3280.709(a).

(iii) Installation. Furnaces and water heaters shall be installed to provide complete separation of the combustion system from the interior atmosphere of the manufactured home, as required by MHCSS.

(A) Separation. The required separation may be achieved by the installation of a direct-vent system (sealed combustion system) furnace or water heater or the installation of a furnace and water heater venting and combustion systems from the interior atmosphere of the home. There shall be no doors, grills, removable access panels, or other openings into the enclosure from the inside of the manufactured home. All openings for ducts, piping, wiring, etc., shall be sealed.

(B) Water heater. The floor area in the area of the water heater shall be free from damage from moisture to ensure that the floor will support the weight of the water heater.

R156-56-820. Statewide Amendments to the IEBC.

The following are adopted as amendments to the IEBC to be applicable statewide:

(1) In Section 101.5 the exception is deleted.

(2) Section R106.3.2 is deleted and replaced with the following:

R106.3.2 Previous approval. If a lawful permit has been issued and the construction of which has been pursued in good faith within 180 days after the effective date of the code and has not been abandoned, then the construction may be completed under the code in effect at the time of the issuance of the permit.

(3) In Section 202 the definition for existing buildings is deleted and replaced with the following:

EXISTING BUILDING. A building lawfully erected prior to January 1, 2002, or one which is deemed a legal non-conforming building by the code official, and one which is not a dangerous building.

(4) Section 606.2.2 is deleted and replaced with the following:

602.2.2 Parapet bracing, wall anchors, and other appendages. Buildings constructed prior to 1975 shall have parapet bracing, wall anchors, and appendages such as cornices, spires, towers, tanks, signs, statuary, etc. evaluated by a licensed engineer when said building is undergoing reroofing, or alteration of or repair to said feature. Such parapet bracing, wall anchors, and appendages shall be evaluated in accordance with the reduced International Building Code level seismic forces as specified in IEBC Section 506.1.1.3 and design procedures of Section 506.1.1.1. When found to be deficient because of design or deteriorated condition, the engineer's recommendations to anchor, brace, reinforce, or remove the deficient feature shall be implemented.

EXCEPTIONS:

1. Group R-3 and U occupancies.

2. Unreinforced masonry parapets need not be braced according to the above stated provisions provided that the maximum height of an unreinforced masonry parapet above the level of the diaphragm tension anchors or above the parapet braces shall not exceed one and one-half times the thickness of the parapet wall. The parapet height may be a maximum of two and one-half times its thickness in other than Seismic Design Categories D, E, or F.

(5) Section 705.3.1.2 is deleted and replaced with the following:

705.3.1.2 Fire escapes required. When more than one exit is required, an existing fire escape complying with Section 705.3.1.2.1 shall be accepted as providing one of the required means of egress.

705.3.1.2.1 Fire escape access and details. Fire escapes shall comply with all of the following requirements:

1. Occupants shall have unobstructed access to the fire escapes without having to pass through a room subject to locking.

2. Access to an existing fire escape shall be through a door, except that windows shall be permitted to provide access from single dwelling units or sleeping units in Group R-1, R-2, and I-1 occupancies or to provide access from spaces having a maximum occupant load of 10 in other occupancy classifications.

3. Existing fire escapes shall be permitted only where exterior stairs cannot be utilized because of lot lines limiting the stair size or because of the sidewalks, alleys, or roads at grade level.

4. Openings within 10 feet (3048 mm) of fire escape stairs shall be protected by fire assemblies having minimum 3/4-hour fire-resistance ratings.

Exception: Opening protection shall not be required in buildings equipped throughout with an approved automatic sprinkler system.

5. In all buildings of Group E occupancy, up to and

including the 12th grade, buildings of Group I occupancy, rooming houses, and childcare centers, ladders of any type are prohibited on fire escapes used as a required means of egress.

(6) Section 906.1 is deleted and replaced with the following:

906.1 General. Accessibility in portions of buildings undergoing a change of occupancy classification shall comply with Section 605 and 912.8.

(7) Section 907.3.1 is deleted and replaced with the following:

907.3.1 Compliance with the International Building Code. When a building or portion thereof is subject to a change of occupancy such that a change in the nature of the occupancy results in a higher seismic occupancy based on Table 1604.5 of the International Building Code; or where such change of occupancy results in a reclassification of a building to a higher hazard category as shown in Table 912.4; or where a change of a Group M occupancy to a Group A, ETM R-1, R-2, or R-4 occupancy with two-thirds or more of the floors involved in Level 3 alteration work; or when such change of occupancy results in a design occupant load increase of 100% or more, the building shall conform to the seismic requirements of the International Building Code for the new seismic use group.

Exceptions 1-4 remain unchanged.

5. Where the design occupant load increase is less than 25 occupants and the occupancy category does not change.

(8) In Section 912.7.3 exception 2 is deleted.

(9) In Section 912.8 number 7 is added as follows:

7. When a change of occupancy in a building or portion of a building results in a Group R-2 occupancy, not less than 20 percent of the dwelling or sleeping units shall be Type B dwelling or sleeping units. These dwelling or sleeping units may be located on any floor of the building provided with an accessible route. Two percent, but not less than one unit, of the dwelling or sleeping units shall be Type A dwelling units.

R156-56-901. Local Amendments to the IBC.

The following are adopted as amendments to the IBC to be applicable to the following jurisdictions:

(1) City of Farmington:

(a) A new Section (F)903.2.14 is added as follows:

(F)903.2.14 Group R, Division 3 Occupancies. An automatic sprinkler system shall be installed throughout every dwelling in accordance with NFPA 13-D, when any of the following conditions are present:

1. The structure is over two stories high, as defined by the building code;

2. The nearest point of structure is more than 150 feet from the public way;

3. The total floor area of all stories is over 5,000 square feet (excluding from the calculation the area of the basement and/or garage); or

4. The structure is located on a street constructed after March 1, 2000 that has a gradient over 12% and, during fire department response, access to the structure will be gained by using such street. (If the access is intended to be from a direction where the steep gradient is not used, as determined by the Chief, this criteria shall not apply).

Such sprinkler system shall be installed in basements, but need not be installed in garages, under eves or in enclosed attic spaces, unless required by the Chief.

(b) A new Section 907.20 is added as follows:

907.20 Alarm Circuit Supervision. Alarm circuits in alarm systems provided for commercial uses (defined as other than one- and two-family dwellings and townhouses) shall have Class "A" type of supervision. Specifically, Type "B" or End-of-line resistor and horn supervised systems are not allowed.

(c) NFPA 13-02 is amended to add the following new sections:

6.8.6 FDC Security Locks Required. All Fire Department connections installed for fire sprinkler and standpipe systems shall have approved security locks.

6.10 Fire Pump Disconnect Signs. When installing a fire pump, red plastic laminate signs shall be installed in the electrical service panel, if the pump is wired separately from the main disconnect. These signs shall state: "Fire Pump Disconnect ONLY" and "Main Breaker DOES NOT Shut Off Fire Pump".

14.1.1.5 Plan Preparation Identification. All plans for fire sprinkler systems, except for manufacturer's cut sheets of equipment shall include the full name of the person who prepared the drawings. When the drawings are prepared by a registered professional engineer, the engineer's signature shall also be included.

15.1.2.5 Verification of Water Supply:

15.1.2.5.1 Fire Flow Tests. Fire flow tests for verification of water supply shall be conducted and witnessed for all applications other than residential unless directed otherwise by the Chief. For residential water supply, verification shall be determined by administrative procedure.

15.1.2.5.2 Accurate and Verifiable Criteria. The design calculations and criteria shall include an accurate and verifiable water supply.

17.8.4 Testing and Inspection of Systems. Testing and inspection of sprinkler systems shall include, but are not limited to:

Commercial:

FLUSH-Witness Underground Supply Flush;

ROUGH Inspection-Installation of Riser, System Piping, Head Locations and all Components, Hydrostatic Pressure Test;

FINAL Inspection-Head Installation and Escutcheons, Inspectors Test Location and Flow, Main Drain Flow, FDC Location and Escutheon, Alarm Function, Spare Parts, Labeling of Components and Signage, System Completeness, Water Supply Pressure Verification, Evaluation of Any Unusual Parameter.

(2) City of North Salt Lake

A new Section (F)903.2.14 is added as follows:

(F)903.2.14 Group R, Division 3 Occupancies. An automatic sprinkler system shall be installed throughout every dwelling in accordance with NFPA 13-D, when the following condition is present:

1. The structure is over 6,200 square feet.

Such sprinkler system shall be installed in basements, but need not be installed in garages, under eves, or in enclosed attic spaces, unless required by the fire chief.

(3) Park City Corporation and Park City Fire District:

(a) Section (F)903.2 is deleted and replaced with the following:

(F)903.2 Where required. Approved automatic sprinkler systems in new buildings and structures shall be provided in the location described in this section.

All new construction having more than 6,000 square feet on any one floor, except R-3 occupancy.

All new construction having more than two (2) stories, except R-3 occupancy.

All new construction having three (3) or more dwelling units, including units rented or leased, and including condominiums or other separate ownership.

All new construction in the Historic Commercial Business zone district, regardless of occupancy.

All new construction and buildings in the General Commercial zone district where there are side yard setbacks or where one or more side yard setbacks is less than two and one half (2.5) feet per story of height.

All existing building within the Historic District Commercial Business zone.

(b) In Table 1505.1, the following is added as footnotes d

and e:

d. Wood roof covering assemblies are prohibited in R-3 occupancies in areas with a combined rating of more than 11 using Tables 1505.1.1 and 1505.1.2 with a score of 9 for weather factors.

e. Wood roof covering assemblies shall have a Class A rating in occupancies other than R-3 in areas with a combined rating of more than 11 using Tables 1505.1.1 and 1505.1.2 with a score of 9 for weather factors. The owner of the building shall enter into a written and recorded agreement that the Class A rating of the roof covering assembly will not be altered through any type of maintenance process.

TABLE 1505.1.1
WILDFIRE HAZARD SEVERITY SCALE

RATING	SLOPE	VEGETATION
1	less than or equal to 10%	Pinion-juniper
2	10.1 - 20%	Grass-sagebrush
3	greater than 20%	Mountain brush or softwoods

TABLE 1505.1.2
PROHIBITION/ALLOWANCE OF WOOD ROOFING

Rating	R-3 Occupancy	All Other Occupancies
less than or equal to 11	wood roof covering assemblies per Table 1505.1 are allowed	wood roof covering assemblies per Table 1505.1 are allowed
greater than or equal to 12	wood roof covering is prohibited	wood roof covering assemblies with a Class A rating are allowed

(c) Appendix C is adopted.

(4) Sandy City

(a) Section (F)903.2.14 is added as follows:

(F)903.2.14 An automatic sprinkler system shall be installed in accordance with NFPA 13 throughout buildings containing all occupancies where fire flow exceeds 2,000 gallons per minute, based on Table B105.1 of the 2006 International Fire Code. Exempt locations as indicated in Section 903.3.1.1.1 are allowed.

Exception: Automatic fire sprinklers are not required in buildings used solely for worship, Group R Division 3, Group U occupancies and buildings complying with the International Residential Code unless otherwise required by the International Fire Code.

(b) Appendix L is added to the IBC and adopted as follows:

Appendix L BUILDINGS AND STRUCTURES CONSTRUCTED IN AREAS DESIGNATED AS WILDLAND-URBAN INTERFACE AREAS

AL 101.1 General. Buildings and structures constructed in areas designated as Wildland-Urban Interface Areas by Sandy City shall be constructed using ignition resistant construction as determined by the Fire Marshal. Section 502 of the 2006 International Wildland-Urban Interface Code (IWUIC), as promulgated by the International Code Council, shall be used to determine Fire Hazard Severity. The provisions listed in Chapter 5 of the 2006 International Wildland-Urban Interface Code, as modified herein, shall be used to determine the requirements for Ignition Resistant Construction.

(i) In Section 504 of the IWUIC Class I IGNITION-RESISTANT CONSTRUCTION a new Section 504.1.1 is added as follows:

504.1.1 General. Subsections 504.5, 504.6, and 504.7 shall only be required on the exposure side of the structure, as determined by the Fire Marshal, where defensible space is less than 50 feet as defined in Section 603 of the 2006 International Wildland-Urban Interface Code.

(ii) In Section 505 of the IWUIC Class 2 IGNITION-RESISTANT CONSTRUCTION Subsections 505.5 and 505.7 are deleted.

R156-56-902. Local Amendments to the IRC.

The following are adopted as amendments to the IRC to be applicable to the following jurisdictions:

(1) All local amendments to the IBC under Section R156-56-901, the NEC under Section R156-56-906, the IPC under Section R156-56-903, the IMC under Section R156-56-904, the IFGC under Section R156-56-905 and the IECC under Section R156-56-907 which may be applied to detached one and two family dwellings and multiple single family dwellings shall be applicable to the corresponding provisions of the IRC for the local jurisdiction to which the local amendment has been made. All references to the ICC Electrical Code are deleted and replaced with the National Electrical Code adopted under Section R156-56-701(1)(b).

(2) City of Farmington:

R325 Automatic Sprinkler Systems.

(a) Sections R325.1 and R325.2 are added as follows:

R325.1 When required. An automatic sprinkler system shall be installed throughout every dwelling in accordance with NFPA 13-D, when any of the following conditions are present:

1. the structure is over two stories high, as defined by the building code;

2. the nearest point of structure is more than 150 feet from the public way;

3. the total floor area of all stories is over 5,000 square feet (excluding from the calculation the area of the basement and/or garage); or

4. the structure is located on a street constructed after March 1, 2000 that has a gradient over 12% and, during fire department response, access to the structure will be gained by using such street. (If the access is intended to be from a direction where the steep gradient is not used, as determined by the Chief, this criteria shall not apply).

R325.2 Installation requirements and standards. Such sprinkler system shall be installed in basements, but need not be installed in garages, under eves or in enclosed attic spaces, unless required by the Chief. Such system shall be installed in accordance with NFPA 13-D.

(b) In Chapter 43, Referenced Standards, the following NFPA referenced standards are added as follows:

TABLE

ADD	
13D-02	Installation of Sprinkler Systems in One- and Two-family Dwellings and Manufactured Homes, as amended by these rules
13R-02	Installation of Sprinkler Systems in Residential Occupancies Up to and Including Four Stories in Height
101-03	Life Safety Code

(c) NFPA 13D-02 is amended to add the following new sections:

1.15 Reference to NFPA 13-D. All references to NFPA 13-D in the codes, ordinances, rules or regulations governing NFPA 13-D systems shall be read to refer to "modified NFPA 13-D" to reference the NFPA 13-D as amended by additional regulations adopted by Farmington City.

4.6 Testing and Inspection of Systems. Testing and inspection of sprinkler systems shall include, but are not limited to:

Residential:

ROUGH Inspection-Verify Water Supply Piping Size and Materials, Installation of Riser, System Piping, Head Locations and all Components, Hydrostatic Pressure Test.

FINAL Inspection-Inspectors Test Flow, System

Completeness, Spare Parts, Labeling of Components and Signage, Alarm Function, Water Supply Pressure Verification.

5.2.2.3 Exposed Piping of Metal. Exposed Sprinkler Piping material in rooms of dwellings shall be of Metal.

EXCEPTIONS:

a. CPVC Piping is allowed in unfinished mechanical and storage rooms only when specifically listed for the application as installed.

b. CPVC Piping is allowed in finished, occupied rooms used for sports courts or similar uses only when the ceiling/floor framing above is constructed entirely of non-combustible materials, such as a concrete garage floor on metal decking.

5.2.2.4 Water Supply Piping Material. Water Supply Piping from where the water line enters the dwelling adjacent to and inside the foundation to the fire sprinkler contractor point-of-connection shall be metal, suitable for potable plumbing systems. See Section 7.1.4 for valve prohibition in such piping. Piping down stream from the point-of-connection used in the fire sprinkler system, including the riser, shall conform to NFPA 13-D standards.

5.4 Fire Pump Disconnect Signs. When installing a Fire Pump, Red Plastic Laminate Signs shall be installed in the electrical service panel, if the pump is wired separately from the main disconnect. These signs shall state: "Fire Pump Disconnect ONLY" and "Main Breaker DOES NOT Shut Off Fire Pump".

7.1.4 Valve Prohibition. NFPA 13-d, Section 7.1 is hereby modified such that NO VALVE is permitted from the City Water Meter to the Fire Sprinkler Riser Control.

7.6.1 Mandatory Exterior Alarm. Every dwelling that has a fire sprinkler system shall have an exterior alarm, installed in an approved location. The alarm shall be of the combination horn/strobe or electric bell/strobe type, approved for outdoor use.

8.1.05 Plan Preparation Identification. All plans for fire sprinkler systems, except for manufacturer's cut sheets of equipment, shall include the full name of the person who prepared the drawings. When the drawings are prepared by a registered professional engineer, the engineer's signature shall also be included.

8.7 Verification of Water Supply:

8.7.1 Fire Flow Tests: Fire Flow Tests for verification of Water Supply shall be conducted and witnesses for all applications other than residential, unless directed otherwise by the Chief. For residential Water Supply, verification shall be determined by administrative procedure.

8.7.2 Accurate and Verifiable Criteria. The design calculations and criteria shall include an accurate and verifiable Water Supply.

(3) Morgan City Corp:

In Section R105.2 Work Exempt From Permit, the following is added:

10. Structures intended to house farm animals, or for the storage of feed associated with said farm animals when all the following criteria is met:

a. The parcel of property involved is zoned for the keeping of farm animals or has grand fathered animal rights.

b. The structure is setback not less than 50 feet from the rear or side of dwellings, and not less than 10 feet from property lines and other structures.

c. The structure does not exceed 1000 square feet of floor area, and is limited to 20 feet in height. Height is measured from the average grade to the highest point of the structure.

d. Before construction, a site plan is submitted to, and approved by the building official.

Electrical, plumbing, and mechanical permits shall be required when that work is included in the structure.

(4) Morgan County:

In Section R105.2 Work Exempt From Permit, the following is added:

10. Structures intended to house farm animals, or for the storage of feed associated with said farm animals when all the following criteria is met:

a. The parcel of property involved is zoned for the keeping of farm animals or has grand fathered animal rights.

b. The structure is set back not less than required by the Morgan County Zoning Ordinance for such structures, but not less than 10 feet from property lines and other structures.

c. The structure does not exceed 1000 square feet of floor area, and is limited to 20 feet in height. Height is measured from the average grade to the highest point of the structure.

d. Before construction, a Land Use Permit must be applied for, and approved, by the Morgan County Planning and Zoning Department.

Electrical, plumbing, and mechanical permits shall be required when that work is included in the structure.

(5) City of North Salt Lake:

Sections R325.1 and R325.2 are added as follows:

R325.1 When Required. An automatic sprinkler system shall be installed throughout every dwelling when the following condition is present:

1. The structure is over 6,200 square feet.

R325.2 Installation requirements and standards. Such sprinkler system shall be installed in basements, but need not be installed in garages, under eves, or in enclosed attic spaces, unless required by the fire chief. Such system shall be installed in accordance with NFPA 13-D.

(6) Park City Corporation:

Appendix P is adopted.

(7) Park City Corporation and Park City Fire District:

(a) Section R905.7 is deleted and replaced with the following:

R905.7 Wood shingles. The installation of wood shingles shall comply with the provisions of this section.

Wood roof covering is prohibited in areas with a combined rating of more than 11 using the following tables with a score of 9 for weather factors.

TABLE
WILDFIRE HAZARD SEVERITY SCALE

RATING	SLOPE	VEGETATION
1	less than or equal to 10%	Pinion-juniper
2	10.1 - 20%	Grass-sagebrush
3	greater than 20%	Mountain brush or softwoods

PROHIBITION/EXEMPTION TABLE

RATING	WOOD ROOF PROHIBITION
less than or equal to 11	wood roofs are allowed
greater than or equal to 12	wood roofs are prohibited

(b) Section R905.8 is deleted and replaced with the following:

R905.8 Wood Shakes. The installation of wood shakes shall comply with the provisions of this section. Wood roof covering is prohibited in areas with a combined rating of more than 11 using the following tables with a score of 9 for weather factors.

TABLE
WILDFIRE HAZARD SEVERITY SCALE

RATING	SLOPE	VEGETATION
1	less than or equal to 10%	Pinion-juniper
2	10.1 - 20%	Grass-sagebrush
3	greater than 20%	Mountain brush or softwoods

PROHIBITION/EXEMPTION TABLE

RATING	WOOD ROOF PROHIBITION

less than or equal to 11 wood roofs are allowed
greater than or equal to 12 wood roofs are prohibited

(c) Appendix K is adopted.
(8) Sandy City
A new Section R325 is added to the IRC as follows:
Section R325 IGNITION RESISTANT CONSTRUCTION
R325.1 General. Buildings and structures constructed in areas designated as Wildland-Urban Interface Areas by Sandy City shall be constructed using ignition resistant construction as determined by the Fire Marshal. Section 502 of the 2006 International Wildland-Urban Interface Code (IWUIC), as promulgated by the International Code Council, shall be used to determine Fire Hazard Severity. The provisions listed in Chapter 5 of the 2006 IWUIC, as modified herein, shall be used to determine the requirements for Ignition Resistant Construction.
(i) In Section 504 of the IWUIC Class I IGNITION-RESISTANT CONSTRUCTION a new Section 504.1.1 is added as follows:
504.1.1 General. Subsections 504.5, 504.6, and 504.7 shall only be required on the exposure side of the structure, as determined by the Fire Marshal, where defensible space is less than 50 feet as defined in Section 603 of the 2006 IWUIC.
(ii) In Section 505 of the IWUIC Class 2 IGNITION-RESISTANT CONSTRUCTION Subsections 505.5 and 505.7 are deleted.

R156-56-903. Local Amendments to the IPC.
The following are adopted as amendments to the IPC to be applicable to the following jurisdictions:
(1) Salt Lake City
Appendix C of the IPC as specified and amended in R156-56-803(62), (63) and (64).
(2) South Jordan
(a) Section 312.9.2 is deleted and replaced with the following:
312.9.2 Testing. Reduced pressure principle backflow preventer assemblies, double check-valve assemblies, pressure vacuum breaker assemblies, reduced pressure detector fire protection backflow prevention assemblies, double check detector fire protection backflow prevention assemblies, hose connection backflow preventers, and spill-proof vacuum breakers shall be tested at the time of installation, immediately after repairs or relocation and at least annually. The testing procedure shall be performed in accordance with one of the following standards: ASSE 5013, ASSE 5015, ASSE 5020, ASSE 5047, ASSE 5048, ASSE 5052, ASSE 5056, CSA B64.10 or CSA B64.10.1. Assemblies, other than the reduced pressure principle assembly, protecting lawn irrigation systems that fail the annual test shall be replaced with a reduced pressure principle assembly.
(b) Section 608.16.5 is deleted and replaced with the following:
608.16.5 Connections to lawn irrigation systems. The potable water supply to lawn irrigation systems shall be protected against backflow by a reduced pressure principle backflow preventer.

R156-56-904. Local Amendment to the IMC.
The following are adopted as amendments to the IMC to be applicable to the following jurisdictions:

R156-56-905. Local Amendment to the IFGC.
The following are adopted as amendments to the IFGC to be applicable to the following jurisdictions:

R156-56-906. Local Amendment to the NEC.
The following are adopted as amendments to the NEC to be applicable to the following jurisdictions:

R156-56-907. Local Amendment to the IECC.
The following are adopted as amendments to the IECC to be applicable to the following jurisdictions:

R156-56-920. Local Amendment to the IEBC.
The following are adopted as amendments to the IEBC to be applicable to the following jurisdictions:

KEY: contractors, building codes, building inspections, licensing
January 1, 2009 **58-1-106(1)(a)**
Notice of Continuation March 29, 2007 **58-1-202(1)(a)**
58-56-1
58-56-4(2)
58-56-6(2)(a)
58-56-18
58-56-19

R156. Commerce, Occupational and Professional Licensing.
R156-63a. Security Personnel Licensing Act Contract Security Rule.
R156-63a-101. Title.

This rule is known as the "Security Personnel Licensing Act Contract Security Rule."

R156-63a-102. Definitions.

In addition to the definitions in Title 58, Chapters 1 and 63, as used in Title 58, Chapters 1 and 63 or this rule:

(1) "Approved basic education and training programs" means basic education and training that meets the standards set forth in Sections R156-63a-602 and R156-63a-603 that is approved by the Division.

(2) "Approved basic firearms education and training program" means basic firearms education and training that meets the standards set forth in Section R156-63a-604 that is approved by the Division.

(3) "Authorized emergency vehicle" is as defined in Subsection 41-6a-102(3).

(4) "Contract security company" includes a peace officer who engages in providing security or guard services when acting in a capacity other than as an employee of the law enforcement agency by whom he is employed.

(5) "Contract security company" does not include a company which hires as employees, individuals to provide security or guard services for the purpose of protecting tangible personal property, real property, or the life and well being of personnel employed by, or animals owned by or under the responsibility of that company, as long as the security or guard services provided by the company do not benefit any person other than the employing company.

(6) "Conviction" means criminal conduct where the filing of a criminal charge has resulted in:

(a) a finding of guilt based on evidence presented to a judge or jury;

(b) a guilty plea;

(c) a plea of nolo contendere;

(d) a plea of guilty or nolo contendere which is held in abeyance pending the successful completion of probation;

(e) a pending diversion agreement; or

(f) a conviction which has been reduced pursuant to Section 76-3-402.

(7) "Employee" means an individual providing services in the security guard industry for compensation when the amount of compensation is based directly upon the security guard services provided and upon which the employer is required under law to withhold federal and state taxes, and for whom the employer is required under law to provide worker's compensation insurance coverage and pay unemployment insurance.

(8) "Officer" as used in Subsections 58-63-201(1)(a) and R156-63a-302a(1)(b) means a manager, director, or administrator of a contract security company.

(9) "Qualified continuing education" means continuing education that meets the standards set forth in Subsection R156-63a-304.

(10) "Qualifying agent" means an individual who is an officer, director, partner, proprietor or manager of a contract security company who exercises material authority in the conduct of the contract security company's business by making substantive technical and administrative decisions relating to the work performed for which a license is required under this chapter and who is not involved in any other employment or activity which conflicts with his duties and responsibilities to ensure the licensee's performance of work regulated under this chapter does not jeopardize the public health, safety, and welfare.

(11) "Soft uniform" means a business suit or a polo-type shirt with appropriate slacks. The coat or shirt has an embroidered badge or contract security company logo that clips on to or is placed over the front pocket.

(12) "Supervised on-the-job training" means training of an armed or unarmed private security officer under the supervision of a licensed private security officer who has been assigned to train and develop the on-the-job trainee.

(13) "Supervision" means general supervision as defined in Section R156-1-102a(4)(c).

(13) "Unprofessional conduct," as defined in Title 58, Chapters 1 and 63, is further defined, in accordance with Subsection 58-1-203(1)(c), in Section R156-63a-502.

R156-63a-103. Authority - Purpose.

This rule is adopted by the Division under the authority of Subsection 58-1-106(1)(a) to enable the Division to administer Title 58, Chapter 63.

R156-63a-104. Organization - Relationship to Rule R156-1.

The organization of this rule and its relationship to Rule R156-1 is as described in Section R156-1-107.

R156-63a-201. Advisory Peer Committee created - Membership - Duties.

(1) There is created in accordance with Subsection 58-1-203(1)(f), the Education Advisory Committee to the Security Services Licensing Board consisting of:

(a) one member who is an officer, director, manager or trainer of a contract security company;

(b) one member who is an officer, director, manager or trainer of an armored car company;

(c) one member who is an armored car security officer or a contract security officer;

(d) one member representing the general public; and

(e) one member who is a trainer with the Department of Public Safety, Peace Officer Standards and Training Division.

(2) The Education Advisory Committee shall be appointed and serve in accordance with Section R156-1-205. The duties and responsibilities of the Education Advisory Committee shall include assisting the Division in collaboration with the Board in their duties, functions, and responsibilities regarding the acceptability of educational programs requesting approval from the Division and periodically reviewing all approved basic education and training programs and firearm training programs regarding current curriculum requirements.

(3) The Education Advisory Committee shall consider, when advising the Board of the acceptability of an educational program, the following:

(a) whether the educational program meets the basic education and training requirements of Sections R156-63a-603 and R156-63b-603; and

(b) whether the educational program meet meets the basic firearm training program requirements of Sections R156-63a-604 and R156-63b-604.

R156-63a-302a. Qualifications for Licensure - Application Requirements.

(1) An application for licensure as a contract security company shall be accompanied by:

(a) a certification of criminal record history for the applicant's qualifying agent issued by the Bureau of Criminal Identification, Utah Department of Public Safety, in accordance with the provisions of Subsection 53-10-108(1)(f)(ii);

(b) two fingerprint cards for the applicant's qualifying agent, and all of the applicant's officers, directors, shareholders owning more than 5% of the stock, partners, proprietors, and responsible management personnel;

(c) a fee established in accordance with Section 63J-1-504 equal to the cost of conducting a check of records of the Federal

Bureau of Investigation, and Bureau of Criminal Identification, Utah Department of Public Safety, for each of the applicant's qualifying agent, officers, directors, shareholders owning more than 5% of the stock, partners, proprietors, and responsible management personnel; and

(d) a copy of the driver license or Utah identification card issued to the applicant's qualifying agent, officers, directors, shareholders owning more than 5% of the stock, partners, proprietors, and responsible management personnel.

(2) An application for licensure as an armed or unarmed private security officer shall be accompanied by:

(a) a certification of criminal record history for the applicant issued by the Bureau of Criminal Identification, Utah Department of Public Safety, in accordance with the provisions of Subsection 53-10-108(1)(f)(ii);

(b) two fingerprint cards for the applicant;

(c) a fee established in accordance with Section 63J-1-504 equal to the cost of conducting a check of records of:

(i) the Federal Bureau of Investigation for the applicant; and

(ii) the Bureau of Criminal Identification of the Utah Department of Public Safety; and

(d) a copy of the driver license or Utah identification card issued to the applicant.

(3) Applications for change in licensure classification from unarmed to armed private security officer shall only require the following additional documentation:

(a) the required firearms training pursuant to Section 58-63-604; and

(b) an additional criminal history background check pursuant to Section 58-63-302 and Subsections R156-63a-302a(2).

R156-63a-302b. Qualifications for Licensure - Basic Education and Training Requirements.

In accordance with Subsections 58-1-203(1)(b) and 58-1-301(3), the basic education and training requirements for licensure in Section 58-63-302 are defined, clarified, or established herein.

(1) An applicant for licensure as an armed private security officer shall successfully complete a basic education and training program and a firearms training program approved by the Division, the content of which is set forth in Sections R156-63a-603 and R156-63a-604.

(2) An applicant for licensure as an unarmed private security officer shall successfully complete a basic education and training program approved by the Division, the content of which is set forth in Section R156-63a-603.

R156-63a-302c. Qualifications for Licensure - Examination Requirements.

In accordance with Subsections 58-1-203(1)(b) and 58-1-301(3), the examination requirements for licensure in Section 58-63-302 are defined, clarified, or established herein.

(1) The qualifying agent for an applicant who is a contract security company shall obtain a passing score of at least 75% on the Utah Security Personnel Qualifying Agent's Examination.

(2) An applicant for licensure as an armed private security officer or an unarmed private security officer shall obtain a score of at least 80% on the basic education and training final examination approved by the Division and administered by each provider of basic education and training.

R156-63a-302d. Qualification for Licensure - Liability Insurance for a Contract Security Company.

In accordance with Subsections 58-1-203(1)(b) and 58-1-301(3), the insurance requirements for licensure as a contract security company in Subsection 58-63-302(1)(j)(i) are defined, clarified, or established herein.

(1) An applicant shall file with the Division a "Certificate of Insurance" providing liability insurance for the following exposures:

(a) general liability;

(b) assault and battery;

(c) personal injury;

(d) false arrest;

(e) libel and slander;

(f) invasion of privacy;

(g) broad form property damage;

(h) damage to property in the care, custody or control of the contract security company; and

(i) errors and omissions.

(2) The required insurance shall provide liability limits in amounts not less than $300,000 for each incident and not less than $1,000,000 total aggregate for each annual term.

(3) The insurance carrier must be an insurer which has a certificate of authority to do business in Utah, or is an authorized surplus lines insurer in Utah, or is authorized to do business under the laws of the state in which the corporate offices of foreign corporations are located.

(4) All contract security companies shall have a current insurance certificate of coverage as defined in Subsection (1) on file at all times and available for immediate inspection by the Division during normal working hours.

(5) All contract security companies shall notify the Division immediately upon cancellation of the insurance policy, whether such cancellation was initiated by the insurance company or the insured agency.

R156-63a-302e. Qualifications for Licensure - Age Requirement for Armed Private Security Officer.

An armed private security officer must be 18 years of age or older at the time of submitting an application for licensure in accordance with Subsections 76-10-509(1) and 76-10-509.4.

R156-63a-302f. Qualifications for Licensure - Good Moral Character - Disqualifying Convictions.

(1) In addition to those criminal convictions prohibiting licensure as set forth in Subsections 58-63-302(1)(h), (2)(c) and (3)(c), the following is a list of criminal convictions which may disqualify a person from obtaining or holding an unarmed private security officer license, an armed private security officer license, or a contract security company license:

(a) crimes against a person as defined in Title 76, Chapter 5, Part 1;

(b) theft, including retail theft, as defined in Title 76;

(c) larceny;

(d) sex offenses as defined in Title 76, Part 4;

(e) any offense involving controlled dangerous substances;

(f) fraud;

(g) extortion;

(h) treason;

(i) forgery;

(j) arson;

(k) kidnapping;

(l) perjury;

(m) conspiracy to commit any of the offenses listed herein;

(n) hijacking;

(o) burglary;

(p) escape from jail, prison, or custody;

(q) false or bogus checks;

(r) terrorist activities;

(s) desertion;

(t) pornography;

(u) two or more convictions for driving under the influence of alcohol within the last three years; and

(v) any attempt to commit any of the above offenses.

(2) Where not automatically disqualified pursuant to

Subsections 58-63-302(1)(a), (2)(c) and (3)(c), applications for licensure or renewal of licensure in which the applicant, or in the case of a contract security company, the officers, directors, and shareholders with 5% or more of the stock of the company, has a criminal background shall be considered on a case by case basis as defined in Section R156-1-302.

R156-63a-303. Renewal Cycle - Procedures.

(1) In accordance with Subsection 58-1-308(1), the renewal date for the two-year renewal cycle applicable to licensees under Title 58, Chapter 63 is established by rule in Section R156-1-308a.

(2) Renewal procedures shall be in accordance with Section R156-1-308c.

R156-63a-304. Continuing Education for Armed and Unarmed Private Security Officers as a Condition of Renewal.

(1) In accordance with Subsections 58-1-203(1)(g) and 58-1-308(3)(b), there is created a continuing education requirement as a condition of renewal or reinstatement of licenses issued under Title 58, Chapter 63 in the classifications of armed private security officer and unarmed private security officer.

(2) Armed and unarmed private security officers shall complete 16 hours of continuing education every two years consisting of formal classroom education. Such education shall include:

(a) company operational procedures manual;

(b) applicable state laws and rules;

(c) legal powers and limitations of private security officers;

(d) observation and reporting techniques;

(e) ethics; and

(f) emergency techniques.

(3) In addition to the required 16 hours of continuing education, armed private security officers shall complete not less than 16 additional hours of continuing firearms education and training every two years. The continuing firearms education and training shall be completed in four-hour blocks every six months and shall not include any hours for the continuing education requirement in Subsection R156-63a-304(2). The continuing firearms education and training shall include as a minimum:

(a) live classroom instruction concerning the restrictions in the use of deadly force and firearms safety on duty, at home and on the range; and

(b) a recognized practical pistol recertification course on which the licensee achieves a minimum score of 80% using regular or low light conditions.

(4) An individual holding a current armed private security officer license in Utah who fails to complete the required four hours of continuing firearms education within the appropriate six month period will be required to complete one and one half times the number of continuing firearms education hours the licensee was deficient for the reporting period (this requirement is hereafter referred to as penalty hours). The penalty hours shall not be considered to satisfy in whole or in part any of the continuing firearms education hours required for subsequent renewal of the license.

(5) If a renewal period is shortened or lengthened to effect a change of renewal cycle, the continuing education hours required for that renewal period shall be increased or decreased accordingly as a pro rata amount of the requirements of a two-year period.

R156-63a-305. Criminal History Renewal and Reinstatement Requirement.

(1) In accordance with Subsections 58-1-203(1)(g) and 58-1-308(3)(b) and R156-1-302, a criminal history background check is required for all applications for renewal and reinstatement.

(2) The criminal history background check shall be performed by the Division and is not required to be submitted by the applicant.

(3) If the criminal background check discloses a criminal background, the Division shall evaluate the criminal history in accordance with Sections 58-63-302 and R156-63a-302f to determine appropriate licensure action.

R156-63a-306. Change of Qualifying Agent.

Within 60 days after a qualifying agent for a licensed contract security company ceases employment with the licensee, or for any other reason is not qualified to be the licensee's qualifier, the contract security company shall file with the Division an application for change of qualifier on forms provided by the Division, accompanied by a fee established in accordance with Section 63J-1-504.

R156-63a-307. Exemptions from Licensure.

(1) In accordance with Subsection 58-1-307(1)(c), an applicant who has applied for licensure as an unarmed or armed private security officer is exempt from licensure and may engage in practice as an unarmed or armed private security officer in a supervised on-the-job training capacity, for a period of time not to exceed the earlier of 30 days or action by the Division upon the application.

(2) Upon receipt of an application for licensure as an unarmed private security officer or as an armed private security officer, the Division may issue an on-the-job training letter to the applicant, if the applicant meets the following criteria:

(a) the applicant has not been licensed as an unarmed or as an armed private security officer in the state of Utah at least two years prior to applying for licensure;

(b) the applicant submits with his application an official criminal history re port from the Bureau of Criminal Identification showing "No Criminal Record Found";

(c) the applicant has not answered "yes" to any question on the qualifying questionnaire section of the application;

(d) the applicant has not had a license to practice an occupation or profession denied, revoked, suspended, restricted or placed on probation; and

(e) the applicant has submitted all information required with the exception of the 16 hours of classroom or on-the-job education and training in accordance with Subsection R156-63a-603(2).

R156-63a-502. Unprofessional Conduct.

"Unprofessional conduct" includes the following:

(1) making any statement that would reasonably cause another person to believe that a private security officer functions as a law enforcement officer or other official of this state or any of its political subdivisions or any agency of the federal government;

(2) employing an unarmed or armed private security officer, as an on-the-job trainee exempted from licensure pursuant to Section R156-63a-307, who has been convicted of:

(a) a felony;

(b) a misdemeanor crime of moral turpitude; or

(c) a crime that when considered with the duties and functions of an unarmed or armed private security officer by the Division and Board indicates that the best interests of the public are not served;

(3) employing an unarmed or armed private security officer who fails to meet the requirements of Section R156-63a-307;

(4) utilizing a vehicle whose markings, lighting, and/or signal devices imply or suggest that the vehicle is an authorized emergency vehicle as defined in Subsection 41-6a-102(3) and Section 41-6a-310 and in Title R722, Chapter 340;

(5) utilizing a vehicle with an emergency lighting system

which violates the requirements of Section 41-6a-1616 of the Utah Motor Vehicle Code;

(6) wearing a uniform, insignia, or badge that would lead a reasonable person to believe that the unarmed or armed private security officer is connected with a federal, state, or municipal law enforcement agency;

(7) being incompetent or negligent as an unarmed private security officer, an armed private security officer or by a contract security company that results in injury to a person or that creates an unreasonable risk that a person may be harmed;

(8) failing as a contract security company or its officers, directors, partners, proprietors or responsible management personnel to adequately supervise employees to the extent that the public health and safety are at risk;

(9) failing to immediately notify the Division of the cancellation of the contract security company's insurance policy;

(10) failing as a contract security company or an armed or unarmed private security officer to report a criminal offense pursuant to Section R156-63a-613; and

(11) wearing an uniform, insignia, badge or displaying a license that would lead a reasonable person to believe that an individual is connected with a contract security company, when not employed as an armed or unarmed private security officer by a contract security company.

R156-63a-503. Administrative Penalties.

(1) In accordance with Subsection 58-63-503, the following citation fine schedule shall apply to citations issued under Title 58, Chapter 63:

TABLE

FINE SCHEDULE

FIRST OFFENSE

Violation	Contract Security Company	Armed or Unarmed Security Officer
58-63-501(1)	$ 800.00	N/A
58-63-501(3)	$ 800.00	$ 500.00

SECOND OFFENSE

58-63-501(1)	$1,600.00	$1,000.00
58-63-501(3)	$1,600.00	$1,000.00

(2) Citations shall not be issued for third offenses, except in extraordinary circumstances approved by the investigative supervisor. If a citation is issued for a third offense, the fine is double the second offense amount, with a maximum amount not to exceed the maximum fine allowed under Subsection 58-63-503(3)(h)(iii).

(3) If multiple offenses are cited on the same citation, the fine shall be determined by evaluating the most serious offense.

(4) An investigative supervisor may authorize a deviation from the fine schedule based upon the aggravating or mitigating circumstances.

(5) The presiding officer for a contested citation shall have the discretion, after a review of the aggravating and mitigating circumstances, to increase or decrease the fine amount imposed by an investigator based upon the evidence reviewed.

R156-63a-601. Operating Standards - Firearms.

(1) An armed private security officer shall carry only that firearm with which he has passed a firearms qualification course as defined in Section R156-63a-604.

(2) Shotguns and rifles, owned and issued by the contract security company, may be used in situations where they would constitute an appropriate defense for the armed private security officer and where the officer has completed an appropriate qualification course in their use.

(3) An armed private security officer shall not carry a firearm except when acting on official duty as an employee of a contract security company, unless the licensee is otherwise qualified under the laws of the state to carry a firearm.

R156-63a-602. Operating Standards - Approved Basic Education and Training Program for Armed and Unarmed Private Security Officers.

To be designated by the Division as an approved basic education and training program for armed private security officers and unarmed private security officers, the following standards shall be met.

(1) The applicant for program approval shall pay a fee for the approval of the education program.

(2) There shall be a written education and training manual which includes performance objectives.

(3) The program for armed private security officers shall provide content as established in Sections R156-63a-603 and R156-63a-604.

(4) The program for unarmed private security officers shall provide content as established in Section R156-63a-603.

(5) An instructor is a person who directly facilitates learning through means of live in-class lecture, group participation, practical exercise, or other means, where there is a direct student-teacher relationship. All instructors providing the basic classroom instruction shall have at least three years of training and experience reasonably related to providing of security guard services.

(6) All instructors providing firearms training shall have the following qualifications:

(a) current Peace Officers Standards and Training firearms instructors certification; or

(b) current certification as a firearms instructor by the National Rifle Association, a Utah law enforcement agency, a Federal law enforcement agency, a branch of the United States military, or other qualification or certification found by the Division, in collaboration with the Board, to be equivalent.

(7) All approved basic education and training programs shall maintain training records on each individual trained including the dates of attendance at training, a copy of the instruction given, and the location of the training. These records shall be maintained in the files of the education and training program for at least three years.

(8) In the event an approved provider of basic education and training ceases to engage in business, the provider shall establish a method approved by the Division by which the records of the education and training shall continue to be available for a period of at least three years after the education and training is provided.

(9) Instructors, who present continuing education hours and are licensed armed or unarmed private security officers, shall receive credit for actual preparation time for up to two times the number of hours to which participants would be entitled. For example, for learning activities in which participants receive four continuing education hours, instructors may receive up to eight continuing education hours (four hours for preparation plus four hours for presentation).

R156-63a-603. Operating Standards - Content of Approved Basic Education and Training Program for Armed and Unarmed Private Security Officers.

An approved basic education and training program for armed and unarmed private security officers shall have the following components:

(1) at least eight hours of basic classroom instruction to include the following:

(a) the nature and role of private security, including the limits of, scope of authority and the civil liability of a private security officer and the private security officer's role in today's society;

(b) state laws and rules applicable to private security;

(c) legal responsibilities of private security, including constitutional law, search and seizure and other such topics;

(d) situational response evaluations, including protecting and securing crime or accident scenes, notification of internal and external agencies, and controlling information;

(e) ethics;

(f) use of force, emphasizing the de-escalation of force and alternatives to using force;

(g) report writing, including taking witness statements, log maintenance, the control of information, taking field notes, report preparation and basic writing skills;

(h) patrol techniques, including mobile vs. fixed post, accident prevention, responding to calls and alarms, security breeches, and monitoring potential safety hazards;

(i) police and community relations, including fundamental duties and personal appearance of security officers;

(j) sexual harassment in the work place; and

(k) a final examination which competently examines the student on the subjects included in the eight hours of basic classroom instruction in the approved program of education and training and which the student passes with a minimum score of 80%; and

(2) an additional 16 hours of basic education and training in the classroom, on-the-job or a combination thereof to include the following:

(a) two hours concerning the legal responsibilities of private security, including constitutional law, search and seizure and other such topics;

(b) two hours of situational response evaluations, including protecting and securing crime or accident scenes, notification of internal and external agencies, and controlling information;

(c) three hours covering the use of force, emphasizing the de-escalation of force and alternatives to using force;

(d) two hours of report writing, including taking witness statements, log maintenance, the control of information, taking field notes, report preparation and basic writing skills;

(e) four hours of patrol techniques, including mobile vs. fixed post, accident prevention, responding to calls and alarms, security breeches, homeland security and monitoring potential safety hazards;

(f) two hours of police and community relations, including fundamental duties and personal appearance of security officers;

(g) one hour regarding sexual harassment in the work place; and

(h) a final examination approved by the Division, which competently examines the applicant on the subjects included in the additional 16 hour program of basic education and training and which the student passes with a minimum score of 80%.

R156-63a-604. Operating Standards - Content of Approved Basic Firearms Training Program for Armed Private Security Officers.

An approved basic firearms training program for armed private security officers shall have the following components:

(1) at least six hours of classroom firearms instruction to include the following:

(a) the firearm and its ammunition;

(b) the care and cleaning of the weapon;

(c) the prohibition against alterations of firing mechanism;

(d) firearm inspection review procedures;

(e) firearm safety on duty;

(f) firearm safety at home;

(g) firearm safety on the range;

(h) legal and ethical restraints on firearms use;

(i) explanation and discussion of target environment;

(j) stop failure drills;

(k) explanation and discussion of stance, draw stroke, cover and concealment and other firearm fundamentals;

(l) armed patrol techniques;

(m) use of deadly force under Utah law and the provisions of Title 76, Chapter 2, Part 4 and a discussion of 18 USC 44 Section 922; and

(n) the instruction that armed private security officers shall not fire their weapon unless there is an eminent threat to life and at no time shall the weapon be drawn as a threat or means to force compliance with any verbal directive not involving eminent threat to life; and

(2) at least six hours of firearms range instruction to include the following:

(a) basic firearms fundamentals and marksmanship;

(b) demonstration and explanation of the difference between sight picture, sight alignment and trigger control; and

(c) a recognized practical pistol course on which the applicant achieves a minimum score of 80% using regular and low light conditions.

R156-63a-605. Operating Standards - Uniform Requirements.

(1) All unarmed and armed private security officers while on duty shall wear the uniform of their contract security company employer unless assigned to work undercover.

(2) Each armed and unarmed private security officer wearing a soft uniform unless assigned to an undercover status shall at a minimum display on the outermost garment of the uniform the name of the contract security company under whom the armed and unarmed private security officer is employed, and the word "Security", "Contract Security", or "Security Officer".

(3) The name of the contract security company and the word "Security" shall be of a size, style, shape, design and type which is clearly visible by a reasonable person under normal conditions.

(4) Each armed and unarmed private security officer wearing a regular uniform shall display on the outermost garment of the uniform in a style, shape, design and type which is clearly visible by a reasonable person under normal conditions identification which contains:

(a) the name or logo of the contract security company under whom the armed or unarmed private security officer is employed; and

(b) the word "Security", "Contract Security", or "Security Officer".

R156-63a-606. Operating Standards - Badges.

(1) At the contract security company's request, an unarmed or armed private security officer may, while in uniform and while on duty, wear a shield inscribed with the words "Security," or "Security Officer". The shield shall not contain the words "State of Utah" or the seal of the state of Utah.

(2) The use of a star badge with any number of points on a uniform, in writing, advertising, letterhead, or other written communication is prohibited.

R156-63a-607. Operating Standards - Criminal Status of Officer, Qualifying Agent, Director, Partner, Proprietor, Private Security Officer or Manager of Contract Security Companies.

In the event an officer, qualifying agent, director, partner, proprietor, private security officer, or any management personnel having direct responsibility for managing operations of the contract security company has a conviction entered regarding:

(a) a felony;

(b) a misdemeanor crime of moral turpitude; or

(c) a crime that when considered with the functions and duties of an unarmed or armed private security officer by the Division and Board indicates that the best interests of the public are not served, the company shall within ten days of the

conviction or notice reorganize and exclude said individual from participating at any level or capacity in the management, operations, sales, ownership, or employment of that company.

R156-63a-608. Operating Standards - Implying an Association with Public Law Enforcement Prohibited.

(1) No contract security company shall use any name which implies intentionally or otherwise that the company is connected or associated with any public law enforcement agency.

(2) No contract security company shall permit the use of the words "special police", "special officer", "cop", or any other words of a similar nature whether used orally or appearing in writing or on any uniform, badge, or cap.

(3) No person licensed under this chapter shall use words or designations which would cause a reasonable person to believe he is associated with a public law enforcement agency.

R156-63a-609. Operating Standards - Proper Identification of Private Security Officers.

All armed and unarmed private security officers shall carry a valid security license together with a Utah identification card issued by the Division of Driver License or a current Utah driver's license whenever performing the duties of an armed or unarmed private security officer and shall exhibit said license and identification upon request.

R156-63a-610. Operating Standards - Vehicles.

(1) No contract security company or its personnel shall utilize a vehicle whose markings, lighting, or signal devices imply that the vehicle is an authorized emergency vehicle pursuant to Subsection 41-6a-102(3).

(2) The word "Security", either alone or in conjunction with the company name, shall appear on each side and the rear of the company vehicle in letters no less than four inches in height and in a color contrasting with the color of the contract security company vehicle.

R156-63a-611. Operating Standards - Operational Procedures Manual.

(1) Each contract security company shall develop and maintain an operational procedures manual which includes the following topics:

(a) detaining or arresting;
(b) restraining, detaining, and search and seizure;
(c) felony and misdemeanor definitions;
(d) observing and reporting;
(e) ingress and egress control;
(f) natural disaster preparation;
(g) alarm systems, locks, and keys;
(h) radio and telephone communications;
(i) crowd control;
(j) public relations;
(k) personal appearance and demeanor;
(l) bomb threats;
(m) fire prevention;
(n) mental illness;
(o) supervision;
(p) criminal justice system;
(q) code of ethics for private security officers; and
(r) sexual harassment in the workplace.

(2) The operations and procedures manual shall be immediately available to the Division upon request.

R156-63a-612. Operating Standards - Display of License.

The license issued to a contract security company shall be prominently displayed in the company's principal place of business and a copy of the license shall be displayed prominently in all branch offices.

R156-63a-613. Operating Standards - Standards of Conduct.

(1) Licensee employed by a contract security company:

(a) pursuant to Title 58, Chapter 63, a licensed armed or unarmed private security officer arrested, charged, or indicted for a criminal offense above the level of a Class C misdemeanor shall notify the licensee's employing contract security company within 72 hours of the arrest, charge, or indictment;

(b) within 72 hours after such notification by the employee, the employing contract security company shall notify the Division of the arrest, charge or indictment in writing; and

(c) the written notification shall include the employee's name, the name of the arresting agency, the agency case number, the date and the nature of the criminal offense.

(2) Licensee not employed by a contract security company:

(a) pursuant to Title 58, Chapter 63, a licensed armed or unarmed private security officer who is not employed by a contract security company shall directly notify the Division in writing within 72 hours of any arrest, charge or indictment above the level of a Class C misdemeanor; and

(b) the written notification shall meet the requirements of Subsection (1)(c).

KEY: licensing, security guards, private security officers
November 13, 2008 **58-1-106(1)(a)**
58-1-202(1)(a)
58-63-101

R156. Commerce, Occupational and Professional Licensing.
R156-63b. Security Personnel Licensing Act Armored Car Rule.
R156-63b-101. Title.

This rule is known as the "Security Personnel Licensing Act Armored Car Rule."

R156-63b-102. Definitions.

In addition to the definitions in Title 58, Chapters 1 and 63, as used in Title 58, Chapters 1 and 63 or this rule:

(1) "Approved basic education and training program" means basic education and training that meets the standards set forth in Sections R156-63b-602 and R156-63b-603 that is approved by the Division.

(2) "Approved basic firearms education and training program" means basic firearms education and training that meets the standards set forth in Section R156-63b-604 that is approved by the Division.

(3) "Armored car company" includes a peace officer who engages in providing security or guard services when acting in a capacity other than as an employee of the law enforcement agency by whom he is employed.

(4) "Armored car company" does not include a company which hires as employees, individuals to provide security or guard services for the purpose of protecting tangible property, currency, valuables, jewelry, food stamps, or other high value items that require secured delivery from one place to another and are owned by or under the responsibility of that company, as long as the security or guard services provided by the company do not benefit any person other than the employing company.

(5) "Authorized emergency vehicle" is as defined in Subsection 41-6a-102(3).

(6) "Conviction" means criminal conduct where the filing of a criminal charge has resulted in:

(a) a finding of guilt based on evidence presented to a judge or jury;

(b) a guilty plea;

(c) a plea of nolo contendere;

(d) a plea of guilty or nolo contendere which is held in abeyance pending the successful completion of probation;

(e) a pending diversion agreement; or

(f) a conviction which has been reduced pursuant to Section 76-3-402.

(7) "Employee" means an individual providing services in the armored car industry for compensation when the amount of compensation is based directly upon the armored car services provided and upon which the employer is required under law to withhold federal and state taxes, and for whom the employer is required under law to provide worker's compensation insurance coverage and pay unemployment insurance.

(8) "Officer" as used in Subsection 58-63-201(1)(a) means a manager, director, or administrator of an armored car company.

(9) "Qualified continuing education" means continuing education that meets the standards set forth in Subsection R156-63b-304.

(10) "Qualifying agent" means an individual who is an officer, director, partner, proprietor or manager of an armored car company who exercises material authority in the conduct of the armored car company's business by making substantive technical and administrative decisions relating to the work performed for which a license is required under this chapter and who is not involved in any other employment or activity which conflicts with his duties and responsibilities to ensure the licensee's performance of work regulated under this chapter does not jeopardize the public health, safety, and welfare.

(11) "Soft uniform" means a business suit or a polo-type shirt with appropriate slacks. The coat or shirt has an embroidered badge or armored car company logo that clips onto or is placed over the front pocket.

(12) "Supervised on-the-job training" means training of an armored car security officer under the supervision of a licensed armored car security officer who has been assigned to train and develop the on-the-job trainee.

(13) "Supervision" means general supervision as defined in Section R156-1-102a(4)(c).

(13) "Unprofessional conduct," as defined in Title 58, Chapters 1 and 63, is further defined, in accordance with Subsection 58-1-203(1)(c), in Section R156-63b-502.

R156-63b-103. Authority - Purpose.

This rule is adopted by the Division under the authority of Subsection 58-1-106(1)(a) to enable the Division to administer Title 58, Chapter 63.

R156-63b-104. Organization - Relationship to Rule R156-1.

The organization of this rule and its relationship to Rule R156-1 is as described in Section R156-1-107.

R156-63b-302a. Qualifications for Licensure - Application Requirements.

(1) An application for licensure as an armored car company shall be accompanied by:

(a) two fingerprint cards for the applicant's qualifying agent, and all of the applicant's officers, directors, shareholders owning more than 5% of the stock, partners, proprietors, and responsible management personnel;

(b) a fee established in accordance with Section 63J-1-504 equal to the cost of conducting a check of records of the Federal Bureau of Investigation, and Bureau of Criminal Identification, Utah Department of Public Safety, for each of the applicant's qualifying agent, officers, directors, shareholders owning more than 5% of the stock, partners, proprietors, and responsible management personnel; and

(c) a copy of the driver license or Utah identification card issued to the applicant's qualifying agent, officers, directors, shareholders owning more than 5% of the stock, partners, proprietors, and responsible management personnel.

(2) An application for licensure as an armored car security officer shall be accompanied by:

(a) two fingerprint cards for the applicant;

(b) a fee established in accordance with Section 63J-1-504 equal to the cost of conducting a check of records of:

(i) the Federal Bureau of Investigation for the applicant; and

(ii) the Bureau of Criminal Identification of the Utah Department of Public Safety; and

(c) a copy of the driver license or Utah identification card issued to the applicant.

R156-63b-302b. Qualifications for Licensure - Basic Education and Training Requirements.

In accordance with Subsections 58-1-203(1)(b) and 58-1-301(3), the basic education and training requirements for licensure in Section 58-63-302 are defined, clarified, or established herein. An applicant for licensure as an armored car security officer shall successfully complete a basic education and training program and a firearms training program approved by the Division, the content of which is set forth in Section R156-63b-603.

R156-63b-302c. Qualifications for Licensure - Firearm Training Requirements.

In accordance with Subsections 58-1-203(1)(b) and 58-1-301(3), the firearm training requirements for licensure in Subsection 58-63-302(4)(g) are defined, clarified, or established herein. An applicant for licensure as an armored car security

officer shall successfully complete a firearms training program approved by the Division, the content of which is set forth in Section R156-63b-604.

R156-63b-302d. Qualifications for Licensure - Examination Requirements.

In accordance with Subsections 58-1-203(1)(b) and 58-1-301(3), the examination requirements for licensure in Section 58-63-302 are defined, clarified, or established herein.

(1) The qualifying agent for an applicant who is an armored car company shall obtain a passing score of at least 75% on the Utah Security Personnel Armored Car Qualifying Agent's Examination.

(2) An applicant for licensure as an armored car security officer shall obtain a score of at least 80% on the basic education and training final examination approved by the Division and administered by the provider of basic education and training.

R156-63b-302e. Qualification for Licensure - Liability Insurance for a Armored Car Company.

In accordance with Subsections 58-1-203(1)(b) and 58-1-301(3), the insurance requirements for licensure as an armored car company in Subsection 58-63-302(1)(j)(i) are defined, clarified, or established herein.

(1) An applicant shall file with the Division a "Certificate of Insurance" providing liability insurance for the following exposures:

(a) general liability;
(b) assault and battery;
(c) personal injury;
(d) libel and slander;
(e) broad form property damage;
(f) damage to property in the care, custody or control of the armored car company; and
(g) errors and omissions.

(2) Said insurance shall provide liability limits in amounts not less than $500,000 for each incident and not less than $2,000,000 total aggregate for each annual term.

(3) The insurance carrier must be an insurer which has a certificate of authority to do business in Utah, or is an authorized surplus lines insurer in Utah, or is authorized to do business under the laws of the state in which the corporate offices of foreign corporations are located.

(4) All armored car companies shall have a current insurance certificate of coverage as defined in Subsection (1) on file at all times and available for immediate inspection by the Division during normal working hours.

(5) All armored car companies shall notify the Division immediately upon cancellation of the insurance policy, whether such cancellation was initiated by the insurance company or the insured agency.

R156-63b-302f. Qualifications for Licensure - Age Requirement for Armored Car Security Officer.

An armored car security officer must be 21 years of age or older at the time of submitting an application for licensure.

R156-63b-302g. Qualifications for Licensure - Good Moral Character - Disqualifying Convictions.

(1) In addition to those criminal convictions prohibiting licensure as set forth in Subsections 58-63-302(1)(h) and (4)(c), the following is a list of criminal convictions which may disqualify a person from obtaining or holding an armored car security officer license, or an armored car company license:

(a) crimes against a person as defined in Title 76, Chapter 5, Part 1;
(b) theft, including retail theft, as defined in Title 76;
(c) larceny;
(d) sex offenses as defined in Title 76, Part 4;
(e) any offense involving controlled dangerous substances;
(f) fraud;
(g) extortion;
(h) treason;
(i) forgery;
(j) arson;
(k) kidnapping;
(l) perjury;
(m) conspiracy to commit any of the offenses listed herein;
(n) hijacking;
(o) burglary;
(p) escape from jail, prison, or custody;
(q) false or bogus checks;
(r) terrorist activities;
(s) desertion;
(t) pornography;
(u) two or more convictions for driving under the influence of alcohol within the last three years; and
(v) any attempt to commit any of the above offenses.

(2) Where not automatically disqualified pursuant to Subsections 58-63-302(1)(h) and (4)(c), applications for licensure or renewal of licensure in which the applicant, or in the case of an armored car company, the officers, directors, and shareholders with 5% or more of the stock of the company, has a criminal background shall be considered on a case by case basis as defined in Section R156-1-302.

R156-63b-303. Renewal Cycle - Procedures.

(1) In accordance with Subsection 58-1-308(1), the renewal date for the two-year renewal cycle applicable to licensees under Title 58, Chapter 63 is established by rule in Section R156-1-308a.

(2) Renewal procedures shall be in accordance with Section R156-1-308c.

R156-63b-304. Continuing Education for Armored Car Security Officers as a Condition of Renewal.

(1) In accordance with Subsections 58-1-203(1)(g) and 58-1-308(3)(b), there is created a continuing education requirement as a condition of renewal or reinstatement of licenses issued under Title 58, Chapter 63 in the classifications of armored car security officer.

(2) Armored car security officers shall complete 16 hours of continuing education every two years consisting of formal classroom education. Such education shall include:

(a) company operational procedures manual;
(b) applicable state laws and rules;
(c) ethics; and
(d) emergency techniques.

(3) In addition to the required 16 hours of continuing education, armored car security officers shall complete not less than 16 additional hours of continuing firearms education and training every two years. The continuing firearms education and training shall be completed in four-hour blocks every six months and shall not include any hours for the continuing education requirement in Subsection R156-63b-304(2). The continuing firearms education and training shall include as a minimum:

(a) live classroom instruction concerning the restrictions in the use of deadly force and firearms safety on duty, at home and on the range; and

(b) a recognized practical pistol recertification course on which the licensee achieves a minimum score of 80% using regular or low light conditions.

(4) Firearms education and training shall comply with the provisions of Title 15, USC Chapter 85, the Armored Car Industry Reciprocity Act.

(5) An individual holding a current armored car security

officer license in Utah who fails to complete the required four hours of continuing firearms education within the appropriate six month period will be required to complete one and one half times the number of continuing firearms education hours the licensee was deficient for the reporting period (this requirement is hereafter referred to as penalty hours). The penalty hours shall not be considered to satisfy in whole or in part any of the continuing firearms education hours required for subsequent renewal of the license.

(6) If a renewal period is shortened or lengthened to effect a change of renewal cycle, the continuing education hours required for that renewal period shall be increased or decreased accordingly as a pro rata amount of the requirements of a two-year period.

R156-63b-305. Criminal History Renewal and Reinstatement Requirement.

(1) In accordance with Subsections 58-1-203(1)(g) and 58-1-308(3)(b) and R156-1-302, a criminal history background check is required for all applications for renewal and reinstatement.

(2) The criminal history background check shall be performed by the Division and is not required to be submitted by the applicant.

(3) If the criminal background check discloses a criminal background, the Division shall evaluate the criminal history in accordance with Sections 58-63-302 and R156-63b-302g to determine appropriate licensure action.

R156-63b-306. Change of Qualifying Agent.

Within 60 days after a qualifying agent for a licensed armored car company ceases employment with the licensee, or for any other reason is not qualified to be the licensee's qualifier, the armored car company shall file with the Division an application for change of qualifier on forms provided by the Division, accompanied by a fee established in accordance with Section 63J-1-504.

R156-63b-307. Exemptions from Licensure.

(1) In accordance with Subsection 58-1-307(1)(c), an applicant who has applied for licensure as an armored car security officer is exempt from licensure and may engage in practice as an armored car security officer in a supervised on-the-job training capacity, for a period of time not to exceed the earlier of 30 days or action by the Division upon the application.

(2) The Division may issue upon receipt of an application for licensure as an armored car security officer, an on-the-job training letter to the applicant, if the applicant meets the following criteria:

(a) the applicant has not been licensed as an armored car security officer, armed private security officer or unarmed private security officer in the state of Utah at least two years prior to applying for licensure;

(b) the applicant submits with his application an official criminal history report from the Bureau of Criminal Identification showing "No Criminal Record Found";

(c) the applicant has not answered "yes" to any question on the qualifying questionnaire section of the application; and

(d) the applicant has not had a license to practice an occupation or profession denied, revoked, suspended, restricted or placed on probation.

R156-63b-502. Unprofessional Conduct.

"Unprofessional conduct" includes the following:

(1) making any statement that would reasonably cause another person to believe that an armored car security officer functions as a law enforcement officer or other official of this state or any of its political subdivisions or any agency of the federal government;

(2) employing an armored car security officer by an armored car company, as an on-the-job trainee pursuant to Section R156-63b-307, who has been convicted of:

(a) a felony;

(b) a misdemeanor crime of moral turpitude; or

(c) a crime that when considered with the duties and functions of an armored car security officer by the Division and the Board indicates that the best interests of the public are not served;

(3) employing an armored car security officer by an armored car company who fails to meet the requirements of Section R156-63b-307;

(4) utilizing a vehicle whose markings, lighting, and/or signal devices imply or suggest that the vehicle is an authorized emergency vehicle as defined in Subsection 41-6a-102(3) and Section 41-6a-310 and in Title R722, Chapter 340;

(5) utilizing a vehicle with an emergency lighting system which violates the requirements of Section 41-6a-1616 of the Utah Motor Vehicle Code;

(6) wearing a uniform, insignia, or badge that would lead a reasonable person to believe that the armored car security officer is connected with a federal, state, or municipal law enforcement agency;

(7) being incompetent or negligent as an armored car security officer or by an armored car company that results in injury to a person or that creates an unreasonable risk that a person may be harmed;

(8) failing as an armored car company or its officers, directors, partners, proprietors or responsible management personnel to adequately supervise employees to the extent that the public health and safety are at risk;

(9) failing to immediately notify the Division of the cancellation of the armored car company's insurance policy;

(10) failing as an armored car company or an armored car security officer to report a criminal offense pursuant to Section R156-63b-612; and

(11) wearing an uniform, insignia, badge or displaying a license that would lead a reasonable person to believe that an individual is connected with an armored car company, when not employed as an armored car security officer by an armored car company.

R156-63b-503. Administrative Penalties.

(1) In accordance with Subsection 58-63-503, the following citation fine schedule shall apply to citations issued under Title 58, Chapter 63:

TABLE

FINE SCHEDULE

Violation	Armored Car Company	Armed or Unarmed Armored Car Security Officer
FIRST OFFENSE		
58-63-501(1)	$ 800.00	N/A
58-63-501(3)	$ 800.00	$ 500.00
SECOND OFFENSE		
58-63-501(1)	$1,600.00	$1,000.00
58-63-501(3)	$1,600.00	$1,000.00

(2) Citations shall not be issued for third offenses, except in extraordinary circumstances approved by the investigative supervisor. If a citation is issued for a third offense, the fine is double the second offense amount, with a maximum amount not to exceed the maximum fine allowed under Subsection 58-63-503(3)(h)(iii).

(3) If multiple offenses are cited on the same citation, the fine shall be determined by evaluating the most serious offense.

(4) An investigative supervisor may authorize a deviation

from the fine schedule based upon the aggravating or mitigating circumstances.

(5) The presiding officer for a contested citation shall have the discretion, after a review of the aggravating and mitigating circumstances, to increase or decrease the fine amount imposed by an investigator based upon the evidence reviewed.

R156-63b-601. Operating Standards - Firearms.

(1) An armored car security officer shall carry only that firearm with which he has passed a firearms qualification course as defined in Section R156-63b-604.

(2) Shotguns and rifles, owned and issued by the armored car company, may be used in situations where they would constitute an appropriate defense for the armored car security officer and where the officer has completed an appropriate qualification course in their use.

(3) An armored car security officer shall not carry a firearm except when acting on official duty as an employee of an armored car company, unless the licensee is otherwise qualified under the laws of the state to carry a firearm.

R156-63b-602. Operating Standards - Approved Basic Education and Training Program for Armored Car Security Officers.

To be designated by the Division as an approved basic education and training program for armored car officers, the following standards shall be met.

(1) The applicant for program approval shall pay a fee for the approval of the education program.

(2) There shall be a written education and training manual which includes performance objectives.

(3) The program for armored car security officers shall provide content as established in Sections R156-63b-603 and R156-63b-604.

(4) An instructor is a person who directly facilitates learning through means of live in-class lecture, group participation, practical exercise, or other means, where there is a direct student-teacher relationship. All instructors providing the basic classroom instruction shall have at least three years of training and experience reasonably related to providing of security guard services.

(5) All instructors providing firearms training shall have the following qualifications:

(a) current Peace Officers Standards and Training firearms instructors certification; or

(b) current certification as a firearms instructor by the National Rifle Association, a Utah law enforcement agency, a Federal law enforcement agency, a branch of the United States military, or other qualification or certification found by the director to be equivalent.

(6) All approved basic education and training programs shall maintain training records on each individual trained including the dates of attendance at training, a copy of the instruction given, and the location of the training. These records shall be maintained in the files of the education and training program for at least three years.

(7) In the event an approved provider of basic education and training ceases to engage in business, the provider shall establish a method approved by the Division by which the records of the education and training shall continue to be available for a period of at least three years after the education and training is provided.

(8) Instructors, who present continuing education hours and are licensed armored car security officers, shall receive credit for actual preparation time for up to two times the number of hours to which participants would be entitled. For example, for learning activities in which participants receive four continuing education hours, instructors may receive up to eight continuing education hours (four hours for preparation plus four hours for presentation).

R156-63b-603. Operating Standards - Content of Approved Basic Education and Training Program for Armored Car Security Officers.

An approved basic education and training program for armored car security officers shall have the following components:

(1) at least 24 hours of basic classroom instruction to include the following:

(a) the nature and role of private security, including the limits of, scope of authority and the civil liability of an armored car security officer and the armored car security officer's role in today's society;

(b) state laws and rules applicable to armored car security;

(c) legal responsibilities of armored car security, including constitutional law, search and seizure and other such topics;

(d) ethics;

(e) use of force, emphasizing the de-escalation of force and alternatives to using force;

(f) police and community relations, including fundamental duties and the personal appearance of an armored car officer;

(g) sexual harrassment in the work place;

(h) driving policies and procedures, driver training and vehicle orientation;

(i) emergency situation response including terminal security, traffic accidents, robbery situations, homeland security and reducing risk potential through street procedures and tactics, securing robbery scenes, and dealing with the media;

(j) armored operations, including proper paperwork, street control procedures, vehicle transfers, vault procedures, and other proper branch procedures; and

(k) a final examination which competently examines the student on the subjects included in the 24 hours of basic classroom instruction in the approved program of education and training and which the student passes with a minimum score of 80%.

R156-63b-604. Operating Standards - Content of Approved Basic Firearms Training Program for Armored Car Security Officers.

An approved basic firearms training program for armored car security officers shall have the following components:

(1) at least six hours of classroom firearms instruction to include the following:

(a) the firearm and its ammunition;

(b) the care and cleaning of the weapon;

(c) the prohibition against alterations of firing mechanism;

(d) firearm inspection review procedures;

(e) firearm safety on duty;

(f) firearm safety at home;

(g) firearm safety on the range;

(h) legal and ethical restraints on firearms use;

(i) explanation and discussion of target environment;

(j) stop failure drills;

(k) explanation and discussion of stance, draw stroke, cover and concealment and other firearm fundamentals;

(l) armed patrol techniques;

(m) use of deadly force under Utah law and the provisions of Title 76, Chapter 2, Part 4 and a discussion of 18 USC 44 Section 922; and

(n) the instruction that armored car security officers shall not fire their weapon unless there is an eminent threat to life and at no time shall the weapon be drawn as a threat or means to force compliance with any verbal directive not involving eminent threat to life; and

(2) at least six hours of firearms range instruction to include the following:

(a) basic firearms fundamentals and marksmanship;

(b) demonstration and explanation of the difference between sight picture, sight alignment and trigger control; and

(c) a recognized practical pistol course on which the applicant achieves a minimum score of 80% using regular and low light conditions.

R156-63b-605. Operating Standards - Uniform Requirements.

(1) All armored car security officers while on duty shall wear the uniform of their armored car company employer unless assigned to work undercover.

(2) The name of the armored car company shall be of a size, style, shape, design and type which is clearly visible by a reasonable person under normal conditions.

(3) Each armored car company officer wearing a regular uniform shall display on the outermost garment of the uniform in a style, shape, design and type which is clearly visible by a reasonable person under normal conditions identification which contains the name or logo of the armored car company under whom the armored car security officer is employed.

R156-63b-606. Operating Standards - Badges.

(1) At the armored car company's request, an armored car security officer may, while in uniform and while on duty, wear a shield inscribed with the words "Security," or "Security Officer". The shield shall not contain the words "State of Utah" or the seal of the state of Utah.

(2) The use of a star badge with any number of points on a uniform, in writing, advertising, letterhead, or other written communication is prohibited.

R156-63b-607. Operating Standards - Criminal Status of Officer, Qualifying Agent, Director, Partner, Proprietor, Armored Car Security Officer or Manager of Armored Car Companies.

In the event an officer, qualifying agent, director, partner, proprietor, armored car security officer, or any management personnel having direct responsibility for managing operations of the armored car company has a conviction entered regarding:

(a) a felony;

(b) a misdemeanor crime of moral turpitude; or

(c) a crime that when considered with the duties and functions of an armored car security company officer by the Division and the Board indicates that the best interests of the public are not served, the company shall within ten days of the conviction or notice reorganize and exclude said individual from participating at any level or capacity in the management, operations, sales, ownership, or employment of that company.

R156-63b-608. Operating Standards - Implying an Association with Public Law Enforcement Prohibited.

(1) No armored car company shall use any name which implies intentionally or otherwise that the company is connected or associated with any public law enforcement agency.

(2) No armored car company shall permit the use of the words "special police", "special officer", "cop", or any other words of a similar nature whether used orally or appearing in writing or on any uniform, badge, or cap.

(3) No person licensed under this chapter shall use words or designations which would cause a reasonable person to believe he is associated with a public law enforcement agency.

R156-63b-609. Operating Standards - Proper Identification of Armored Car Security Officers.

All armored car security officers shall carry a valid security license together with a Utah identification card issued by the Division of Driver License or a current Utah driver's license whenever performing the duties of an armored car security officer and shall exhibit said license and identification upon request.

R156-63b-610. Operating Standards - Operational Procedures Manual.

(1) Each armored car company shall develop and maintain an operational procedures manual which includes the following topics:

(a) felony and misdemeanor definitions;

(b) observing and reporting;

(c) natural disaster preparation;

(d) alarm systems, locks, and keys;

(e) radio and telephone communications;

(f) public relations;

(g) personal appearance and demeanor;

(h) bomb threats;

(i) fire prevention;

(j) mental illness;

(k) supervision;

(l) criminal justice system;

(m) accident scene control;

(n) code of ethics for armored car security officers; and

(o) sexual harassment in the workplace.

(2) The operations and procedures manual shall be immediately available to the Division upon request.

R156-63b-611. Operating Standards - Display of License.

The license issued to an armored car company shall be prominently displayed in the company's principal place of business and a copy of the license shall be displayed prominently in all branch offices.

R156-63b-612. Operating Standards - Notification of Criminal Offense.

(1) Licensee employed by an armored car company:

(a) pursuant to Title 58, Chapter 63, a licensed armored car security officer arrested, charged, or indicted for a criminal offense above the level of a Class C misdemeanor shall notify the licensee's employing armored car company within 72 hours of the arrest, charge, or indictment;

(b) within 72 hours after such notification by the employee, the employing armored car company shall notify the Division of the arrest, charge or indictment in writing; and

(c) the written notification shall include the employee's name, the name of the arresting agency, the agency case number, the date and the nature of the criminal offense.

(2) Licensee not employed by an armored car company:

(a) pursuant to Title 58, Chapter 63, a licensed armored car security officer who is not employed by an armored car company shall directly notify the Division in writing within 72 hours of any arrest, charge or indictment above the level of a Class C misdemeanor; and

(b) the written notification shall meet the requirements of Subsection (1)(c).

KEY: licensing, security guards, armored car security officers, armored car company

November 13, 2008 **58-1-106(1)(a)**
58-1-202(1)(a)
58-63-101

R156. Commerce, Occupational and Professional Licensing.
R156-64. Deception Detection Examiners Licensing Act Rule.

R156-64-101. Title.

This rule is known as the "Deception Detection Examiners Licensing Act Rule".

R156-64-102. Definitions.

In addition to the definitions in Title 58, Chapters 1 and 64, as used in Title 58, Chapters 1 and 64 or this rule:

(1) "Clinical testing" means a deception detection examination which is not intended to supplement and assist in a criminal investigation.

(2) "Comparison question" means a nonrelevant test question used for comparison against a relevant test question in a deception detection examination.

(3) "Deception detection case file" means written records of a polygraph exam including:

(a) case information;

(b) examinee information;

(c) a list of all questions used during the examination;

(d) copies of all charts recorded during the examination; and

(e) either the audio or video recording of the examination.

(4) "Experienced deception detection examiner" means a deception detection examiner who has completed over 250 deception detection examinations and has been licensed or certified by the United States Government for three years or more.

(5) "Irrelevant and relevant testing" means a deception detection examination which consists of relevant questions, interspersed with irrelevant questions, and does not include any type of comparison questions.

(6) "Irrelevant question" means a question of neutral impact, which does not relate to a matter under inquiry, in a deception detection examination.

(7) "Post conviction sex offender testing" means testing of sex offenders and includes:

(a) sexual history testing to determine if the examinee is accurately reporting all sexual offenses prior to a conviction;

(b) maintenance testing to determine if the examinee is complying with the conditions of probation or parole; and

(c) specific issue examinations.

(8) "Pre-employment exam" means a deception detection screening examination administered as part of a pre-employment background investigation.

(9) "Qualified continuing professional education" means continuing education that meets the standards set forth in Section R156-64-304.

(10) "Relevant question" means a question which relates directly to a matter under inquiry in a deception detection examination.

(11) "Screening exam" means a multiple issue deception detection examination administered to determine the examinee's truthfulness concerning more than one narrowly defined issue.

(12) "Specific issue/single issue examination" means a deception detection examination administered to determine the examinee's truthfulness concerning one narrowly defined issue.

(13) "Supervision" means general supervision as established in Subsection R156-1-102a(4)(c).

(14) "Unprofessional conduct" as defined in Title 58, Chapters 1 and 64, is further defined, in accordance with Subsection 58-1-203(1)(e), in Section R156-64-502.

R156-64-103. Authority - Purpose.

This rule is adopted by the division under the authority of Subsection 58-1-106(1)(a) to enable the division to administer Title 58, Chapter 64.

R156-64-104. Organization - Relationship to Rule R156-1.

The organization of this rule and its relationship to Rule R156-1 is as described in Section R156-1-107.

R156-64-201. Education Peer Committee created - Membership - Duties.

(1) In accordance with Subsection 58-1-203(1)(f), there is created the Deception Detection Education Peer Committee.

(a) The duties and responsibilities of the Deception Detection Education Peer Committee are to conduct an oral interview on behalf of the Board to evaluate the deception detection intern's performance and make a recommendation to the Board to:

(i) approve the application; or

(ii) deny the application but extend the intern period.

(b) The composition of the Deception Detection Education Peer Committee shall be three deception detection examiners licensed in Utah who are not members of the Deception Detection Examiners Licensing Board.

R156-64-302a. Qualifications for Licensure - Application Requirements.

(1) Pursuant to Section 58-64-302, an application for licensure as a deception detection examiner shall be accompanied by:

(a) two fingerprint cards for the applicant; and

(b) a fee established in accordance with Section 63J-1-504 equal to the cost of conducting a check of records of:

(i) the Federal Bureau of Investigation; and

(ii) the Bureau of Criminal Identification of the Utah Department of Public Safety.

(2) Pursuant to Section 58-64-302, an application for licensure as a deception detection intern shall be accompanied by:

(a) two fingerprint cards for the applicant; and

(b) a fee established in accordance with Section 63J-1-504 equal to the cost of conducting a check of records of:

(i) the Federal Bureau of Investigation; and

(ii) the Bureau of Criminal Identification of the Utah Department of Public Safety.

R156-64-302b. Qualifications for Licensure - Education Requirements.

(1) In accordance with Subsections 58-64-302(1)(f)(i) and 58-64-302(2)(f)(i) the bachelor's degree shall have been earned from a university or college program, that at the time the applicant graduated, was accredited through the U.S. Department of Education or one of the regional accrediting association of schools and colleges.

(2) In accordance with Subsections 58-64-302(1)(f)(ii) and 58-64-302(2)(f)(ii), the 8,000 hours of investigation experience shall have been as a criminal or civil investigator with a federal, state, county or municipal law enforcement agency, or other equivalent investigation experience approved by the Division in collaboration with the Board.

(3) In accordance with Subsections 58-64-302(1)(f)(iii) and 58-64-302(2)(f)(iii), the college education and investigation experience may be combined in the ratio of 2000 hours of investigation experience for one year as a matriculated student in an accredited bachelor's degree program.

(4) In accordance with Subsections 58-64-302(1)(g) and 58-64-302(2)(g), the deception detection training program shall consist of:

(a) graduation from a course of instruction in deception detection in a school accredited by the American Polygraph Association; and

(b) passing the Utah Deception Detection Theory Exam with a score of at least 75%.

R156-64-302c. Qualifications for Licensure - Examination Requirements.

In accordance with Section 58-1-309, applicants shall pass the Utah Deception Detection Examiners Law and Rule Examination with a score of at least 75%.

R156-64-302d. Qualifications for Licensure - Supervision Requirements.

In accordance with Subsection 58-64-302(2)(h), each deception detection intern supervision agreement shall be in a form that requires a deception detection intern to serve an internship under the direct supervision of an experienced deception detection examiner as follows:

(1) the supervising deception detection examiner shall observe either directly or by video recording a minimum of five complete examinations;

(2) if the deception detection intern is performing post conviction sex offender testing, the supervision deception detection examiner shall hold a certification for post conviction sex offender testing by the American Polygraph Association; and

(3) the "Internship Supervision Agreement", as required in Subsection 58-64-302(2)(h), shall be approved by the Division in collaboration with the Board.

R156-64-303. Renewal Cycle - Procedures.

(1) In accordance with Subsection 58-1-308(1), the renewal date for the two-year renewal cycle applicable to licensees under Title 58, Chapter 64 is established by rule in Section R156-1-308.

(2) Renewal procedures shall be in accordance with Section R156-1-308.

R156-64-304. Continuing Education.

(1) In accordance with Subsections 58-1-203(1)(g) and 58-1-308(3)(b), there is created a continuing education requirement as a condition for renewal or reinstatement of a license in the classification of deception detection examiner.

(2) Continuing education shall consist of 60 hours of qualified continuing professional education in each preceding two year period of licensure or expiration of licensure.

(3) If a renewal period is shortened or extended to effect a change of renewal cycle, the continuing education hours required for that renewal period shall be increased or decreased accordingly as a pro rata amount of the requirements of a two-year period.

(4) Qualified continuing professional education shall consist of the following:

(a) A minimum of 30 hours shall be from institutes, seminars, lectures, conferences, workshops, various forms of mediated instruction directly relating to deception detection; and

(b) 30 hours may be in the following college courses with one college credit being equal to 15 hours;

(i) psychology;

(ii) physiology;

(iii) anatomy; and

(iv) interview and interrogation techniques.

(5) A deception detection examiner who instructs an approved course shall be given double credit for the first presentation.

(6) A licensee shall be responsible for maintaining competent records of completed qualified continuing professional education for a period of four years after close of the two year period to which the records pertain.

R156-64-305. Demonstration of Clear Criminal History for Licensees as Renewal Requirement.

(1) In accordance with Subsections 58-1-203(1)(g) and 58-1-308(3)(b), an applicant shall demonstrate a clear criminal history as a condition of renewal or reinstatement of license issued under Title 58, Chapter 64 in the classification of deception detection examiner.

(2) A criminal history background check shall be performed by the Division and is not required to be submitted by the applicant.

(3) If the criminal background check discloses a criminal background, the Division shall evaluate the criminal history in accordance with Section R156-1-302 to determine appropriate licensure action.

R156-64-502. Unprofessional Conduct.

"Unprofessional conduct" includes:

(1) not immediately terminating the examination upon the request of the examinee;

(2) not conducting a pre-examination review with the examinee reviewing each question word for word prior to conducting the examination;

(3) attempting to determine truth or deception on matters or issues not discussed with the examinee during the pre-examination review;

(4) basing decisions concerning truthfulness or deception upon less than:

(a) two charts for a pre-employment exam;

(b) two charts for a screening exam that is to be followed by a specific issue exam; or

(c) three charts for all other exams;

(5) conducting an examination if the examinee is not physically present and aware that an examination is being conducted;

(6) using irrelevant and relevant testing techniques in other than pre-employment and periodic testing, without prior approval of the division in collaboration with the board;

(7) using a polygraph instrument that does not record as a minimum:

(a) respiration patterns recorded by two pneumograph components recording thoracic and abdominal patterns;

(b) electro dermal activity reflecting relative changes in the conductance or resistance of current by the epidermal tissue;

(c) relative changes in pulse rate, pulse amplitude and relative blood volume by use of a cardiograph;

(d) continuous physiological recording of sufficient amplitude to be easily readable by the examiner; and

(e) pneumograph and cardiograph tracings no less than one-half inch in amplitude when using an analog polygraph instrument;

(8) conducting more than five deception detection examinations in a 24 hour period;

(9) conducting an examination of less than a 90 minute duration;

(10) conducting a pre-employment examination of less than a 60 minute duration;

(11) not audibly recording all criminal/specific examinations and informing the examinee of such recording prior to the examination;

(12) during a pre-employment pre-test interview or actual examination, asking any questions concerning the subject's sexual attitudes, political beliefs, union sympathies or religious beliefs unless there is demonstratable overriding reason;

(13) publishing, directly or indirectly, or circulating any fraudulent or false statements as to the skill or method of practice of any examiner;

(14) dividing fees or agreeing to split or divide the fees received for deception detection services with any person for referring a client;

(15) refusing to render deception detection services to or for any person on account of race, color, creed, national origin, sex or age of such person;

(16) conducting an examination:

(a) on a person who is under the influence of alcohol or drugs; or

(b) on a person who is under the age of 14 without written permission from the person's parent or guardian;

(17) not providing at least 20 seconds between the beginning of one question and the beginning of the next;

(18) failing during a pretest interview to specifically inquire whether the individual to be examined is currently receiving or has in the past received medical or psychiatric treatment or consultation;

(19) failing to obtain a release from the individual being examined or a physician's statement if there is any reasonable doubt concerning the individual's ability to safely undergo an examination;

(20) not using a numerical scoring system in all specific examinations;

(21) not creating and maintaining a record for every examination administered;

(22) creating records not containing at a minimum the following:

(a) all charts on each subject properly identified by name and date and if the exam was performed on an analog polygraph instrument, signed by the examinee;

(b) an index, either chronological or alphabetical, listing:

(i) the names of all persons examined;

(ii) the type of exam conducted;

(iii) the date of the exam;

(iv) the name of the examiner;

(v) the file number in which the records are maintained;

(vi) the examiner's written opinion of the test results; and

(vii) the time the examination began and ended;

(c) all written reports or memoranda of verbal reports;

(d) a list of all questions asked while the instrument was recording;

(e) background information elicited during the pre-test interviews;

(f) a form signed by the examinee agreeing to take the examination after being informed of his or her right to refuse;

(g) the following statement, dated and signed by the examinee: "If I have any reason to believe that the examination was not completely impartial, fair and conducted professionally, I am aware that I can report it to the Division of Occupational and Professional Licensing";

(h) any recordings made of the examination; and

(i) documentation of an instrument functionality check on a quarterly basis including a calibration chart

(23) expressing a bias in any manner regarding the truthfulness of the examinee prior to the completion of any testing;

(24) conducting a clinical polygraph examination of a sex offender without holding a current certification from the American Polygraph Association for post conviction sex offender testing;

(25) not maintaining records of all deception detection examinations for a minimum of three years; and

(26) failing to conform to the generally accepted and recognized standards and ethics of the profession including those established by the American Polygraph Association Code of Ethics, dated January 10, 1999, and Standards of Practice, dated January 20, 2007, which are hereby incorporated by reference.

KEY: licensing, deception detection examiner, deception detection intern

November 24, 2008 **58-64-101**

Notice of Continuation April 9, 2007 **58-1-106(1)(a)**

58-1-202(1)(a)

R162. Commerce, Real Estate.
R162-211. Adjusted License Terms.
R162-211-1. Adjusted License Terms to Comply with Nationwide Mortgage Licensing System.

(1) Notwithstanding other provisions in R162, Sections R162-201 through R162-210, licensing terms for a license issued under the authority of Title 61, Chapter 2c, and rules made by the Division shall be adjusted according to the following schedule:

(a)(i) An applicant for license renewal whose license expires between January 1, 2008, and December 31, 2008, and who applies for and qualifies for renewal under Title 61, Chapter 2c, and rules made by the Division shall be issued a license for a term that expires December 31, 2010.

(ii) An applicant between January 1, 2008, and December 31, 2008, and who applies for and qualifies for licensure under Title 61, Chapter 2c, and rules made by the Division shall be issued a license for a term that expires December 31, 2010.

(iii) The Division shall issue a new license with the new expiration date to a licensee who was issued a mortgage license during 2008 prior to the enactment of this rule.

(b) An applicant for license renewal whose license expires between January 1, 2009, and December 31, 2009, and who applies for and qualifies for renewal under Title 61, Chapter 2c, and rules made by the Division shall be issued a license for a term that expires December 31, 2010.

(c) An applicant for licensure who applies for licensure between January 1, 2009, and December 31, 2009, and who qualifies for licensure under Title 61, Chapter 2c, and rules made by the Division shall be issued a license for a term that expires December 31, 2010.

(d) An applicant for licensure who applies for licensure between January 1, 2010, and December 31, 2010, shall comply with the procedures for licensure under Title 61, Chapter 2c, and rules made by the Division existing at time of licensure or license renewal.

(2) This rule does not affect any provisions under Rules R162-201 through R162-210 regarding licensee discipline.

KEY: mortgage renewal license term
April 29, 2009 61-2c-205(1)(b)

R277. Education, Administration.
R277-433. Disposal of Textbooks in the Public Schools.
R277-433-1. Definitions.

A. "Textbook" means any book, workbook, or materials similar in function which are required for participation in a course of instruction. The term also includes texts approved for pilot or trial use by the State Textbook Commission or books used in classes for which textbooks are generally not adopted at the state level.

B. "Useable textbooks" means a set of at least 25 textbooks, as defined above, that are not badly damaged, worn out or outdated.

C. "USOE" means the Utah State Office of Education

R277-433-2. Authority and Purpose.

A. This rule is authorized by Utah Constitution, Article X, Section 3 which places general control and supervision of the public school system under the Board and by Section 53A-12-207 which requires the USOE to make rules providing for the disposal or reuse of textbooks in the public schools.

B. The purpose of this rule is to provide procedures for school district and charter school policies for the reuse or disposal of textbooks in the public schools.

R277-433-3. School District and Charter School Policies on Disposal of Textbooks.

A. School districts and charter schools shall develop policies regarding the reuse or disposal of textbooks.

B. School district and charter school policies shall provide procedures for notification to other school districts and charter schools of available textbooks and timelines for disposal of textbooks.

C. School districts and charter school policies shall provide procedures for negotiating the exchange of the textbooks.

KEY: textbooks
April 21, 2009 **Art X Sec 3**
Notice of Continuation September 6, 2007 **53A-12-207**

R277. Education, Administration.
R277-701. Robert C. Byrd Honors Scholarship Program.
R277-701-1. Definitions.

A. "ACT score" means the result, expressed numerically, of the ACT college entrance exam.

B. "Full-time student" means a student enrolled at an institution of higher education who is carrying a full-time academic workload, as determined by that institution under standards applicable to all students enrolled in that student's program.

C. "High school graduate" means an individual who has:

(1) a high school diploma;

(2) a General Education Development (GED) Certificate; or

(3) any other evidence recognized by the state of Utah as an equivalent of a high school diploma.

D. "Institution of higher education" means any public or private nonprofit institution of higher education, proprietary institution of higher education, or postsecondary vocational institution to prepare students for gainful employment in a recognized occupation, as defined in the 1998 Amendments to Higher Education Act of 1965.

E. "Robert C. Byrd Honors Scholarship (Byrd Scholarship)" means a scholarship grant from the Secretary of Education to the states, in this case, the state of Utah, to provide scholarships for study at institutions of higher education to outstanding high school graduates who show promise of continued excellence in an effort to recognize and promote student excellence and achievement.

F. "USOE" means the Utah State Office of Education.

R277-701-2. Authority and Purpose.

A. This rule is authorized by Utah Constitution Article X, Section 3 which vests general control and supervision of public education in the Board, Section 53A-1-401(3) which allows the Board to adopt rules in accordance with its responsibilities, and 34 CFR 654 which establishes the Robert C. Byrd Honors Scholarship Program and allows states to participate, in the Program consistent with the regulations of the section, and directs participating states to develop eligibility requirements and procedures for Byrd Scholarship participants.

B. The purpose of this rule is to provide Utah eligibility requirements and application procedures and timelines for applicants for the Byrd Scholarship.

R277-701-3. Student Eligibility Requirements.

A. Applicants shall be legal residents of Utah.

B. Applicants shall be high school graduates in the same year that they seek to receive the Byrd Scholarship and attend a higher education institution.

C. Applicants shall provide documentation of acceptance to and full-time enrollment, as defined by that institution, in an accredited institution of higher education as defined under R277-701-1D.

D. Applicants shall have demonstrated outstanding academic achievement and show promise of continued academic excellence.

(1) Applicants shall have an ACT composite score of 25 or higher.

(2) Applicants shall have a high school (grades 9-12) grade point average of 3.70 (unweighted on a 4.0 scale) or higher.

E. Applicants shall sign and submit with the application a Certification of Eligibility for Federal Assistance in Certain Programs form, required under 34 CFR 75.60 through 75.62, hereby incorporated by reference.

F. Applicants shall have filed a Statement of Selective Service Registration Status with the institution he plans to attend.

G. Applicants who are enrolled at a military service academy are not eligible for the Byrd Scholarship.

R277-701-4. Application Procedures.

A. Applications shall be available from school counselors, the USOE, and online through the USOE website by January 30 for the subsequent school year.

B. Applicants shall submit complete applications, including all required documentation. Incomplete applications shall not be considered.

C. Applicants shall submit only materials specifically requested in the application. Additional materials will not be reviewed and will be discarded.

D. Applications shall be delivered by mail or in person to the USOE as required on the application. Applications will not be considered if they are emailed or faxed.

R277-701-5. Application and Notification Timelines.

A. Applications shall be received by the USOE no later than 5:00 p.m. on the last Friday of March of the year in which the scholarship is sought.

B. Scholarship recipients shall be notified of their receipt of the scholarship no later than June 30, or upon the USOE receiving grant notification if the USOE receives grant notification later than June 30.

C. Scholarship recipients shall notify the USOE of their intent to use the scholarship no later than 15 business days following USOE notification in order to retain the scholarship.

D. Continuing scholarship recipients shall notify the USOE by June 30 of their intent to continue using the scholarship in the subsequent year.

R277-701-6. Scholarship Award and Continuing Eligibility.

A. A scholarship recipient shall receive $1,500 for each year of full-time enrollment in an accredited institution of higher education for a maximum of four years of undergraduate study provided the program continues to be funded and all requirements are satisfied by the student.

B. A scholarship recipient continues to be eligible for scholarship funds as long as the recipient continues to:

(1) remain a legal resident of Utah;

(2) remain a U.S. citizen or provide evidence from the U.S. Immigration and Naturalization Service that he is a permanent resident of the United States or is in the United States for other than a temporary purpose with the intention of becoming a citizen/permanent resident.

(3) remain enrolled as a full-time student in good standing in an institution of higher education.

C. A scholarship recipient remains eligible for the scholarship as long as the recipient maintains satisfactory progress as determined by the institution of higher education the recipient is attending.

D. The decision(s) of the USOE for scholarships is the final administrative determination and based on funds available in the given year.

R277-701-7. Waivers or Exceptions for Student Requirements.

A. A scholarship recipient may be allowed, based on prior approval for unusual circumstances to interrupt or postpone, the recipient's use of the scholarship for a period not to exceed 12 months, after the first full year of college is completed.

B. A scholarship recipient shall complete and submit a waiver request form, available from the USOE or through the USOE website, with attached required documentation.

(1) A recipient shall request the postponement or interruption from the USOE in writing at least eight weeks in advance of the beginning of the postponement/interruption.

(2) The USOE may consider a written request for a postponement/interruption with less than the eight week notice:

(a) for good cause, and
(b) so long as the funds are not lost or sacrificed.
(3) Unusual circumstances shall be limited to:
(a) military enlistment;
(b) religious or charitable service;
(c) a foreign study opportunity; or
(d) personal or family emergency or significant change of circumstances.
(4) The USOE may ask the student for a written explanation or documentation or both of the student's unusual circumstances.
(5) A scholarship recipient who desires to change his enrollment status from full-time to part-time shall satisfy the requirements of a postponement/interruption.
C. A scholarship recipient may be allowed, based on prior approval for exceptional circumstances, to extend an approved 12-month postponement/interruption of the scholarship award. Exceptional circumstances shall be limited to:
(1) extended religious or charitable service;
(2) extended military service; or
(3) an extended personal or family emergency or health crisis necessitating the recipient's extended delay of his education.
(4) There shall be a presumption that personal and family emergencies can be resolved in less than 12 months; scholarship recipients shall be required to provide written justification and documentation of compelling circumstances to justify a scholarship postponement/interruption of longer than 12 months.
(5) All long-term postponement/interruptions shall be requested in writing from the USOE at least eight weeks in advance of the beginning of the postponement/interruption and shall include documentation of the necessity for the extended delay.
D. A recipient who is denied a postponement/interruption for unusual or exceptional circumstances may appeal the decision to the USOE Assistant Superintendent for Curriculum. The decision of the Assistant Superintendent is the final administrative decision.

KEY: scholarships
April 21, 2009 **Art X, Sec 3**
53A-1-401(3)
34 CFR 654

R277. Education, Administration.
R277-710. International Baccalaureate Programs.
R277-710-1. Definitions.

A. "Board" means the Utah State Board of Education.

B. "Candidate IB school" means the initial period between a school's application as an approved IB school (at various levels) and final approval by the International Baccalaureate Organization.

C. "DP" means Diploma Program.

D. "IB" means International Baccalaureate.

E. "International Baccalaureate Organization" means the nonprofit educational foundation located in four regions: North America and the Caribbean; Africa/Europe/Middle East; Latin America; Asia/Pacific.

F. "International Baccalaureate (IB) Program" means the International Baccalaureate Program established by the International Baccalaureate Organization.

G. "MYP" means Middle Years Program.

H. "PYP" means Primary Years Program.

I. "USOE" means the Utah State Office of Education.

J. "Weight Pupil Unit (WPU)" means the basic state funding unit.

R277-710-2. Authority and Purpose.

A. This rule is authorized by Utah Constitution Article X, Section 3 which provides for the Board to have general supervision and control over public schools and by Section 53A-17a-120 which directs the Board to adopt rules for the expenditure of funds appropriated for accelerated learning programs, Section 53A-1-402(1) which allows the Board to adopt minimum standards for access to programs, SB 2, Section 31, Intent Language which directs $100,000 of the 2008-09 appropriation for accelerated learning programs to International Baccalaureate programs, and Section 53A-1-401(3) which allows the Board to adopt rules in accordance with its responsibilities.

B. The purpose of this rule is to specify the procedures and standards school districts/charter schools shall follow to qualify for state funds for the IB Program.

R277-710-3. Eligibility.

A. All school districts/charter schools are eligible to apply to the International Baccalaureate Organization to participate in the IB Program which may include the Diploma Program, the Middle Years Program and the Primary Years Program.

B. School districts/charter schools who participate in IB Programs have primary responsibility for identifying students who are eligible to participate in IB classes.

C. Each student participating in the IB Program shall have a current student education/occupation plan (SEOP) on file at the participating school, required under Section 53A-1a-106(2)(b).

R277-710-4. Student Tuition, Fees and Credit for IB Programs.

A. Tuition may not be charged to high school students for participation in the IB Program, consistent with Section 53A-15-101(6)(b)(iii).

B. All student costs related to IB classes, which may include consumables, lab fees, copying, and material costs, as well as textbooks required for the course, are subject to fee waiver consistent with R277-407.

C. The school district/charter school shall be responsible for these waivers.

D. A student shall receive high school credit for IB classes that are consistent with the school district/charter school policies, and R277-705, Secondary School Completion and Diplomas, for awarding credit.

R277-710-5. Use of and Distribution of IB Funds.

A. School district/charter school use of state funds for the IB Program shall be limited to the following:

(1) to offset the costs of funding smaller IB classes;

(2) to fund workshops or training within or outside the school district/charter school to begin implementing, or coordinating an IB Program;

(3) to purchase any of the following for library, laboratory, or direct classroom use:

(a) needed supplemental texts;

(b) student curriculum guides;

(c) materials; and

(d) equipment;

(4) to pay an IB teacher providing direct student IB instruction;

(5) to aid in staff development which may include:

(a) teacher stipends for tuition and lodging expenses connected with the pursuit of additional training on specified IB curriculum taught by the teacher

(b) to pay the costs for student exams; and

(c) to assist with costs of distance learning programs, equipment or instructors which increase the IB options in a school.

(6) other uses approved in writing by the USOE consistent with the law and purposes of this rule.

B. Funds allocated to school districts/charter schools for IB Programs or credit shall not be used for any other program.

C. Funds shall be distributed on the basis of the following:

(1) Fifty percent of the total funds designated for the IB shall be equally distributed among all authorized IB programs in the state.

(2) The remaining fifty percent allocation shall be distributed to IB high schools where students scored a grade of 4 or higher on IB exams, resulting in a fixed amount of dollars per exam passed.

R277-710-6. Annual Reporting and Other Student Instruction Issues.

A. The Board shall develop uniform deadlines, forms, and fiscal and pupil accounting procedures for the IB Program.

B. School districts/charter schools participating in the IB Program shall provide the USOE with end-of-year expenditure reports itemized by the categories requested by the USOE.

C. School districts/charter schools participating in the IB Program shall provide for parental permission for students to participate in IB classes.

D. This rule shall apply to IB programs operating and approved as of the 2008-09 school year, and continue thereafter.

KEY: international baccalaureate
April 21, 2009

Art X Sec 3
53A-17a-120
53A-1-402(1)(c)
53A-1-401(3)

R277. Education, Administration.
R277-725. Electronic High School.
R277-725-1. Definitions.

A. "Board" means the Utah State Board of Education.

B. "Electronic high school" means a rigorous program offering 9-12 grade level courses delivered over the Internet and coordinated by the USOE.

C. "Home-schooled student" means a student who attends no more than two regularly scheduled classes or courses in a public school per semester as defined under Section 53A-11-102.

D. "Open entry/open exit" means:

(1) a method of instructional delivery that allows for flexible scheduling in response to individual student needs or requirements and demonstrated competency when knowledge and skills have been mastered; and

(2) students have the flexibility to begin or end study at any time, progress through course material at their own pace, and demonstrate competency when knowledge and skills have been mastered.

E. "Unit of credit" means credit awarded for courses taken with school district/school approval and successfully completed by students. A student may also earn units of credit by demonstrating subject mastery through district/school approved methods.

F. "USOE" means the Utah State Office of Education.

R277-725-2. Authority and Purpose.

A. This rule is authorized by Utah Constitution, Article X, Section 3 which vests general control and supervision of the public schools in the Board, Section 53A-1-401(3) which authorizes the Board to adopt rules in accordance with its responsibilities, and Section 53A-17a-131.15 which directs the Board to have a rule for distribution of funds for the electronic high school program.

B. The purpose of this rule is to provide minimum standards, definitions, and procedures for distribution of funds and coordination of the electronic high school program.

R277-725-3. Electronic High School Funding.

A. Funds appropriated by the Legislature for the electronic high school program shall be distributed by the Utah State Office of Education.

B. The Utah State Office of Education may designate a fiscal agent to pay teachers' salaries, course development fees, software licensing fees, and accreditation dues.

R277-725-4. Courses and Credit.

A. Curriculum, course offerings and course availability shall be determined by the USOE Electronic High School Principal following consultation with school district personnel and USOE specialists to determine demand and curriculum requirements.

B. Courses shall be offered in an open-entry open-exit format.

C. Courses shall be designed to be competency-based, with no specific student seat time requirement. (Historically, the average course takes the average student 175 to 200 hours to successfully complete a one-credit course).

D. Credits that students earn through the electronic high school shall be accepted by schools or school districts consistent with this rule.

R277-725-5. Student Eligibility for Enrollment.

A. There are no age or grade restrictions for Utah students to enroll in electronic high school courses.

B. Students are accepted into electronic high school courses on a first-come first-served basis.

C. A student may register for electronic high school course(s) following approval from the student's residence area secondary school counselor, consistent with the student's SEP/SEOP.

D. The school counselor shall assist students in evaluating courses required for and offered through the electronic high school.

R277-725-6. Electronic High School Services to Students with Disabilities.

Students with disabilities who may need additional services or resources and who seek to enroll in electronic high school classes may request appropriate accommodations through the students' assigned schools or school districts.

R277-725-7. Student Fees or Tuition.

A. Electronic high school courses are provided to students who are Utah residents, as defined under Section 53A-2-201(1), free of charge.

B. Non-resident students may enroll in electronic high school courses for a fee of $100 per course per semester provided that the course can accommodate additional students.

R277-725-8. Teacher Requirements and Payments.

A. All electronic high school teachers are licensed Utah educators consistent with Section 53A-6.

B. Electronic high school teachers are paid a salary determined by the electronic high school salary schedule and negotiated to the extent necessary with the USOE Electronic High School Principal.

C. All electronic high school teachers shall be subject to laws and administrative rules for Utah educators, including the state and federal Family Educational Rights and Privacy Act, Sections 53A-13-301 and 302, and 20 U.S.C. Section 1232g and 34 C.F.R. Part 99; child abuse reporting requirements; and Professional Standards for Utah Educators, R686-103.

R277-725-9. Electronic High School Diploma.

A. Three types of Utah students may be eligible for an electronic high school diploma:

(1) a home-schooled student;

(2) a student who has dropped out of school as defined under R277-419 and whose original high school class has graduated; and

(3) a student who is identified by his resident school district as ineligible for graduation from a traditional high school program for specific reasons.

B. Graduation criteria

(1) Students shall satisfy all requirements established by R277-700 for a high school diploma.

(2) Students who seek an electronic high school diploma shall be required to satisfy the requirements of the Participation Skills and Techniques and Individualized Lifetime Activity courses which are Core classes required for high school graduation. Students may satisfy course requirements through district-approved activities outside of the Electronic High School program.

C. Awarding of diplomas

(1) Diplomas shall be awarded to electronic high school graduates at least annually.

(2) An annual commencement program may be offered by the USOE. Electronic high school graduates may voluntarily participate.

D. Additional provisions

(1) The USOE shall provide graduation information upon request to interested prospective graduates.

(2) The USOE and resident school district personnel shall assist prospective graduates, to the extent of resources available, with transcript evaluation and suggestions for completing graduation requirements required beyond the electronic high

school curriculum.

KEY: electronic high school
September 2, 2004 **Art X Sec 3**
Notice of Continuation April 7, 2009 **53A-1-401(3)**
53A-17a-131.15

R309. Environmental Quality, Drinking Water.
R309-510. Facility Design and Operation: Minimum Sizing Requirements.
R309-510-1. Purpose.

This rule specifies requirements for the sizing of public drinking water facilities such as sources (along with their associated treatment facilities), storage tanks, and pipelines. It is intended to be applied in conjunction with R309-500 through R309-550. Collectively, these rules govern the design, construction, operation and maintenance of public drinking water system facilities. These rules are intended to assure that such facilities are reliably capable of supplying adequate quantities of water which consistently meet applicable drinking water quality requirements and do not pose a threat to general public health.

R309-510-2. Authority.

This rule is promulgated by the Drinking Water Board as authorized by Title 19, Environmental Quality Code, Chapter 4, Safe Drinking Water Act, Subsection 104(1)(a)(ii) of the Utah Code and in accordance with Title 63G, Chapter 3 of the same, known as the Administrative Rulemaking Act.

R309-510-3. Definitions.

Definitions for certain terms used in this rule are given in R309-110 but may be further clarified herein.

R309-510-4. General.

This rule provides estimates of quantities and flow rates which shall be used in the design of new systems, or if there is an absence of data collected by the public water system meeting the required confidence level for a reduction mentioned below, when evaluating water sources, storage facilities and pipelines. Within each of these three broad categories, the designer shall ascertain the contributions on demand from the indoor use of water, the outdoor use of water, and fire suppression activities (if required by local authorities). These components must be added together to determine the total demand on a given facility.

R309-510-5. Reduction of Requirements.

If acceptable data are presented, certain number of days of peak day demand to establish minimum source capacity; certain number of years of annual demand to establish minimum water right requirements; and certain number of readings of peak hourly demand to establish minimum peak instantaneous demand; showing that the requirements made herein are excessive for a given project, the requirements may be appropriately reduced to the 90th percentile of readings, on a case by case basis by the Executive Secretary. In the case of Recreational Home Developments, in order to qualify for a quantity reduction, not only must the actual water consumption be less than quantities required by rule but enforceable policy restrictions must have been approved which prevent the use of such dwellings as a permanent domicile and these restrictions shall have been consistently enforced. The Executive Secretary may re-consider any reduced minimums if the nature and use of the system changes.

R309-510-6. Water Conservation.

This rule is based upon typical current water consumption patterns in the State of Utah. They may be excessive in certain settings where legally enforceable water conservation measures exist. In these cases the requirements made in this section may be reduced on a case-by-case basis by the Executive Secretary.

R309-510-7. Source Sizing.

(1) Peak Day Demand and Average Yearly Demand.

Sources shall legally and physically meet water demands under two separate conditions. First, they shall meet the anticipated water demand on the day of highest water consumption. This is referred to as the peak day demand. Second, they shall also be able to provide one year's supply of water, the average yearly demand.

(2) Estimated Indoor Use.

In the absence of firm water use data, Tables 510-1 and 510-2 shall be used to estimate the peak day demand and average yearly demand for indoor water use.

TABLE 510-1
Source Demand for Indoor Use

Type of Connection	Peak Day Demand	Average Yearly Demand
Year-round use		
Residential	800 gpd/conn	146,000 gal./conn
ERC	800 gpd/ERC	146,000 gal./ERC
Seasonal/Non-residential use		
Modern Recreation Camp	60 gpd/person	(see note 1)
Semi-Developed Camp		
a. with pit privies	5 gpd/person	(see note 1)
b. with flush toilets	20 gpd/person	(see note 1)
Hotel, Motel, and Resort	150 gpd/unit	(see note 1)
Labor Camp	50 gpd/person	(see note 1)
Recreational Vehicle Park	100 gpd/pad	(see note 1)
Roadway Rest Stop	7 gpd/vehicle	(see note 1)
Recreational Home Development	400 gpd/conn	(see note 1)

Note 1. Annual demand shall be based on the number of days the system will be open during the year times the peak day demand unless data acceptable to the Division, with a confidence level of 90% or greater showing a lesser annual consumption, can be presented.

TABLE 510-2
Source Demand for Individual Establishments[a]
(Indoor Use)

Type of Establishment	Peak Day Demand (gpd)
Airports	
a. per passenger	3
b. per employee	15
Boarding Houses	
a. for each resident boarder and employee	50
b. for each nonresident boarders	10
Bowling Alleys, per alley	
a. with snack bar	100
b. with no snack bar	85
Churches, per person	5
Country Clubs	
a. per resident member	100
b. per nonresident member present	25
c. per employee	15
Dentist's Office	
a. per chair	200
b. per staff member	35
Doctor's Office	
a. per patient	10
b. per staff member	35
Fairgrounds, per person	1
Fire Stations, per person	
a. with full-time employees and food prep.	70
b. with no full-time employees and no food prep.	5
Gyms	
a. per participant	25
b. per spectator	4
Hairdresser	
a. per chair	50
b. per operator	35
Hospitals, per bed space	250
Industrial Buildings, per 8 hour shift, per employee (exclusive of industrial waste)	
a. with showers	35
b. with no showers	15
Launderette, per washer	580
Movie Theaters	
a. auditorium, per seat	5
b. drive-in, per car space	10
Nursing Homes, per bed space	280
Office Buildings and Business Establishments, per shift, per employee (sanitary wastes only)	
a. with cafeteria	25
b. with no cafeteria	15
Picnic Parks, per person (toilet wastes only)	5
Restaurants	

a. ordinary restaurants (not 24 hour service)	35 per seat
b. 24 hour service	50 per seat
c. single service customer utensils only	2 per customer
d. or, per customer served (includes toilet and kitchen wastes)	10
Rooming House, per person	40
Schools, per person	
a. boarding	75
b. day, without cafeteria, gym or showers	15
c. day, with cafeteria, but no gym or showers	20
d. day, with cafeteria, gym and showers	25
Service Stations[b] ,per vehicle served	10
Skating Rink, Dance Halls, etc., per person	
a. no kitchen wastes	10
b. Additional for kitchen wastes	3
Ski Areas, per person (no kitchen wastes)	10
Stores	
a. per public toilet room	500
b. per employee	11
Swimming Pools and Bathhouses[c] ,per person	10
Taverns, Bars, Cocktail Lounges, per seat	20
Visitor Centers, per visitor	5

NOTES FOR TABLE 510-2:

1. Source capacity must at least equal the peak day demand of the system. Estimate this by assuming the facility is used to its maximum.

2. Generally, storage volume must at least equal one average day's demand.

3. Peak instantaneous demands may be estimated by fixture unit analysis as per Appendix E of the 2006 International Plumbing Code.

(a) When more than one use will occur, the multiple use shall be considered in determining total demand. Small industrial plants maintaining a cafeteria and/or showers and club houses or motels maintaining swimming pools and/or laundries are typical examples of multiple uses. Uses other than those listed above shall be considered in relation to established demands from known or similar installations.

(b) or 250 gpd per pump,

(c) 20 x {Water Area (Ft^2) / 30} + Deck Area (Ft^2)

(3) Estimated Outdoor Use.

In the absence of firm water use data, Table 510-3 shall be used to estimate the peak day demand and average yearly demand for outdoor water use. The following procedure shall be used:

(a) Determine the location of the water system on the map entitled Irrigated Crop Consumptive Use Zones and Normal Annual Effective Precipitation, Utah as prepared by the Soil Conservation Service (available from the Division). Find the numbered zone, one through six, in which the water system is located (if located in an area described "non-arable" find nearest numbered zone).

(b) Determine the net number of acres which may be irrigated. This is generally done by starting with the gross acreage, then subtract out any area of roadway, driveway, sidewalk or patio pavements along with housing foundation footprints that can be reasonably expected for lots within a new subdivision or which is representative of existing lots. Before any other land area which may be considered "non-irrigated" (e.g. steep slopes, wooded areas, etc.) is subtracted from the gross area, the Division shall be consulted and agree that the land in question will not be irrigated.

(c) Refer to Table 510-3 to determine peak day demand and average yearly demand for outdoor use.

(d) The results of the indoor use and outdoor use tables shall be added together and source(s) shall be legally and physically capable of meeting this combined demand.

TABLE 510-3
Source Demand for Irrigation
(Outdoor Use)

Map Zone	Peak Day Demand (gpm/irrigated acre)	Average Yearly Demand (AF/irrigated acre)
1	2.26	1.17
2	2.80	1.23
3	3.39	1.66
4	3.96	1.87
5	4.52	2.69
6	4.90	3.26

(4) Accounting for Variations in Source Yield.

The design engineer shall consider whether flow from the source(s) may vary. Where flow varies, as is the case for most springs, the minimum flowrate shall be used in determining the number of connections which may be supported by the source(s). Where historical records are sufficient, and where peak flows from the source(s) correspond with peak demand periods, the Executive Secretary may grant an exception to this requirement.

R309-510-8. Storage Sizing.

(1) General.

Each storage facility shall provide:

(a) equalization storage volume, to satisfy average day demands for water for indoor use as well as outdoor use,

(b) fire suppression storage volume, if the water system is equipped with fire hydrants and intended to provide fire suppression water, and

(c) emergency storage, if deemed appropriate by the water supplier or the Executive Secretary, to meet demands in the event of an unexpected emergency situation such as a line break or a treatment plant failures.

(2) Equalization Storage.

(a) All public drinking water systems shall be provided with equalization storage. The amount of equalization storage which must be provided varies with the nature of the water system, the extent of outdoor use and the location of the system.

(b) Required equalization storage for indoor use is provided in Table 510-4. Storage requirements for non-community systems not listed in this table shall be determined by calculating the average day demands from the information given in Table 510-2.

TABLE 510-4
Storage Volume for Indoor Use

Type	Volume Required (gallons)
Community Systems	
Residential; per single resident service connection	400
Non-Residential; per Equivalent Residential Connection (ERC)	400
Non-Community Systems	
Modern Recreation Camp; per person	30
Semi-Developed Camp; per person	
a. with Pit Privies	2.5
b. with Flush Toilets	10
Hotel, Motel and Resort; per unit	75
Labor Camp; per unit	25
Recreational Vehicle Park; per pad	50
Roadway Rest Stop; per vehicle	3.5
Recreational Home Development; per connection	400

(c) Where the drinking water system provides water for outdoor use, such as the irrigation of lawns and gardens, the equalization storage volumes estimated in Table 510-5 shall be added to the indoor volumes estimated in Table 510-4. The procedure for determining the map zone and irrigated acreage for using Table 510-5 is outlined in Section R309-510-7(3).

TABLE 510-5
Storage Volume for Outdoor Use

Map Zone	Volume Required (gallons/irrigated acre)
1	1,782
2	1,873
3	2,528
4	2,848
5	4,081
6	4,964

(3) Fire Suppression Storage.

Fire suppression storage shall be required if the water system is intended to provide fire fighting water as evidenced by fire hydrants connected to the piping. The design engineer shall consult with the local fire suppression authority regarding needed fire flows in the area under consideration. This information shall be provided to the Division. Where no local fire suppression authority exists, needed fire suppression storage shall be assumed to be 120,000 gallons (1000 gpm for 2 hours).

(4) Emergency Storage.

Emergency storage shall be considered during the design process. The amount of emergency storage shall be based upon an assessment of risk and the desired degree of system dependability. The Executive Secretary may require emergency storage when it is warranted to protect public health and welfare.

R309-510-9. Distribution System Sizing.

(1) General Requirements.

The distribution system shall be designed to insure that minimum water pressures as required in R309-105-9 exist at all points within the system. If the distribution system is equipped with fire hydrants, the Division will require a letter from the local fire authority stating the fire flow and duration required of the area to insure the system shall be designed to provide minimum pressures as required in R309-105-9 to exist at all points within the system when needed fire flows are imposed upon the peak day demand flows of the system.

(2) Indoor Use, Estimated Peak Instantaneous Demand.

(a) For community water systems and large non-community systems, the peak instantaneous demand for each pipeline shall be assumed for indoor use as:

$Q = 10.8 \times N^{0.64}$

where N equals the total number of ERC's, and Q equals the total flow (gpm) delivered to the total connections served by that pipeline.

For Recreational Vehicle Parks, the peak instantaneous flow for indoor use shall be based on the following:

TABLE 510-6

Peak Instantaneous Demand for Recreational Vehicle Parks

Number of Connections	Formula
0 to 59	$Q = 4N$
60 to 239	$Q = 80 + 20N^{0.5}$
240 or greater	$Q = 1.6N$

NOTES FOR TABLE 510-6:
Q is total peak instantaneous demand (gpm) and N is the maximum number of connections. However, if the only water use is via service buildings the peak instantaneous demand shall be calculated for the number of fixture units as presented in Appendix E of the 2006 International Plumbing Code.

(b) For small non-community water systems the peak instantaneous demand to be estimated for indoor use shall be calculated on a per-building basis for the number of fixture units as presented in Appendix E of the 2006 International Plumbing Code.

(3) Outdoor Use, Estimated Peak Instantaneous Demand.

Peak instantaneous demand to be estimated for outdoor use is given in Table 510-7. The procedure for determining the map zone and irrigated acreage for using Table 510-7 is outlined in Section R309-510-7(3).

TABLE 510-7

Peak Instantaneous Demand for Outdoor Use

Map Zone	Peak Instantaneous Demand (gpm/irrigated acre)
1	4.52
2	5.60
3	6.78
4	7.92
5	9.04
6	9.80

(4) Fire Flows.

(a) Distribution systems shall be designed to deliver needed fire flows if fire hydrants are provided. The design engineer shall consult with the local fire suppression authority regarding needed fire flows in the area under consideration. This information shall be provided to the Division. Where no local fire suppression authority exists, needed fire flows shall be assumed to be 1000 gpm unless the local planning commission provides a letter indicating that the system will not be required to provide any fire flows, in which case fire hydrants will not be allowed to be installed on any mains.

(b) If a distribution system is equipped with fire hydrants, the system shall be designed to insure that minimum pressures required by R309-105-9 exist at all points within the system when fire flows are added to the peak day demand of the system. Refer to Section R309-510-7 for information on determining the peak day demand of the system.

KEY: drinking water, minimum sizing, water conservation
April 27, 2009 19-4-104
Notice of Continuation April 2, 2007

R309. Environmental Quality, Drinking Water.
R309-520. Facility Design and Operation: Disinfection.
R309-520-1. Purpose.

This rule specifies requirements for facilities which disinfect public drinking water. It is intended to be applied in conjunction with R309-500 through R309-550. Collectively, these rules govern the design, construction, operation and maintenance of public drinking water system facilities. These rules are intended to assure that such facilities are reliably capable of supplying adequate quantities of water which consistently meet applicable drinking water quality requirements and do not pose a threat to general public health.

R309-520-2. Authority.

This rule is promulgated by the Drinking Water Board as authorized by Title 19, Environmental Quality Code, Chapter 4, Safe Drinking Water Act, Subsection 104(1)(a)(ii) of the Utah Code and in accordance with Title 63G, Chapter 3 of the same, known as the Administrative Rulemaking Act.

R309-520-3. Definitions.

Definitions for certain terms used in this rule are given in R309-110 but may be further clarified herein.

R309-520-4. General.

Continuous disinfection shall be required of all ground water sources not consistently meeting standards of bacteriologic quality. Surface water sources or ground water sources under direct influence of surface water shall be disinfected during the course of required conventional surface water treatment or alternative surface water treatment. Disinfection shall not be considered a substitute for inadequate collection facilities. Systems having only sources classified as ground water (see R309-505-8) and which disinfect shall meet the requirements of R309-105-10(1).

R309-520-5. Allowable Primary Disinfectants.

Primary disinfection is defined as the means for providing adequate levels of inactivation of pathogenic micro organisms within the treatment process. Its effectiveness is measured through the "CT" values. Only four disinfectants; chlorine (gaseous and liquid hypochlorites), ozone, ultraviolet light, and chlorine dioxide are allowable for primary disinfection.

R309-520-6. Allowable Secondary Disinfectants.

Secondary disinfection is intended to provide an adequate disinfectant residual in the distribution system to maintain the bacteriological quality of treated water. Its effectiveness is measured through maintaining a detectable disinfectant residual throughout the distribution system. Allowable disinfectants are chlorine (gaseous and liquid hypochlorites), chloramine, and chlorine dioxide.

R309-520-7. Appropriate Uses of Chemical Disinfectants.

Chemical disinfection alone is appropriate only for groundwater not under the influence of surface water. Surface water, or groundwater under the direct influence of surface water, shall be coagulated and filtered in addition to being disinfected. For criteria to be used in determining required levels of treatment refer to R309-200-5(7).

R309-520-8. Required Chemical Dosing and Contact Time.

Minimum levels for primary and secondary disinfection are specified in R309-200-5(7).

R309-520-9. Siting.

Disinfection installations shall be sited to permit convenient access through the entire year as well as considerations of safety (i.e. proximity to population or seismic fault zones).

R309-520-10. Chlorine.

(1) General Requirements for all Chlorination Installations.

(a) Chemical Types.

Disinfection by chlorination shall be accomplished by gaseous chlorine or liquid solutions of calcium or sodium hypochlorites.

(b) Feeding Equipment.

Solution-feed gas type chlorinators, direct-feed gas type chlorinators or hypochlorite liquid feeders of a positive displacement type shall be provided. Solution-feed gas type chlorinators are preferred. However, for small supplies requiring less than four pounds per day, liquid hypochlorinators are advised.

(c) Chlorine Feed Capacity.

The design of each chlorinator shall permit:

(i) the chlorinator capacity to be such that a free chlorine residual of at least 2 mg/l can be maintained in the system after 30 minutes of contact time during peak demand. The equipment shall be of such design that it will operate accurately over a feeding range of 0.2 mg/l to 2 mg/l.

(ii) assurance that a detectable residual, either combined or free, can be maintained at all times, at all points in the distribution system.

(d) Automatic Proportioning.

Automatic proportioning chlorinators shall be required where the rate of flow or chlorine demand is not reasonably constant.

(e) Injector/diffuser.

The chlorine solution injector/diffuser shall be compatible with the point of application to provide a rapid and thorough mix with all the water being treated. The center of a pipeline is the preferred application point.

(f) Contact Time and Point of Application.

(i) Due consideration shall be given to the contact time of the chlorine in water with relation to pH, ammonia, taste producing substances, temperature, biological quality, and other pertinent factors.

(ii) Where possible, the design shall minimize the formation of chloro-organic compounds. At plants treating surface water or ground water under the direct influence of surface water, provisions shall be made for applying chlorine to raw water, applied water, filtered water, and water entering the distribution system.

(iii) When treating ground water, provisions shall be made for applying chlorine to at least a reservoir inlet or transmission pipeline which will provide maximum contact time.

(iv) Care must be taken to assure that the point of application will, in conjunction with the pipe and tank configuration of the water system, allow required CT values to be achieved prior to the first consumer connection.

(g) Minimization of Chlorinated Overflow.

The chlorinator and associated water delivery facilities shall be designed so as to minimize the unnecessary release of chlorinated water into the environment from tank overflows (see also rules of Division of Water Quality pertaining to discharge or pollution).

(h) Chlorinator Piping.

The chlorinator water supply piping shall be designed to prevent contamination of the treated water supply by sources of questionable quality. At all facilities treating surface water, pre- and post-chlorination systems shall be independent where solution water is not finished water. All chlorinator solution water shall be at least of equal quality to the water receiving the chlorine solution.

(i) Water Measurement.

A means to measure water flow to be treated shall be

provided.

(j) Residual Testing Equipment.

Chlorine residual test equipment recognized in the latest edition of "Standard Methods for the Examination of Water and Wastewater" shall be provided and shall be capable of measuring residuals to the nearest 0.1 mg/l in the range below 0.5 mg/l, to the nearest 0.3 mg/l between 0.5 mg/l and 1.0 mg/l and to the nearest 0.5 mg/l above 1.0 mg/l.

(k) Standby and Backup Equipment.

A spare parts kit shall be provided and maintained for all chlorinators to repair parts subject to wear and breakage. If there is a large difference in feed rates between routine and emergency dosages, a gas metering tube shall be provided for each dose range to ensure accurate control of the chlorine feed. Where chlorination is required for protection of the supply, standby equipment of sufficient capacity shall be available to replace the largest unit. Standby power shall be available, during power outages, for operation of chlorinators where protection of the supply is required.

(l) Heating, Lighting, Ventilation.

Chlorinator houses shall be heated, lighted and ventilated as necessary to assure proper operation of the equipment, and serviceability.

(m) Bypass Capability.

A chlorinator bypass shall be provided for periods during chlorinator servicing and power outages.

(2) Additional Requirement for Gas Chlorinators.

(a) Automatic Switch over.

Automatic Switch over of chlorine cylinders shall be provided, where necessary, to assure continuous disinfection.

(b) Injector.

Each injector shall be selected for the point of application with particular attention given to the quantity of chlorine to be added, the maximum injector waterflow, the total discharge back pressure, the injector operating pressure, and the size of the chlorine solution line. Gauges for measuring water pressure at the inlet and outlet of each injector shall be provided.

(c) Gas Scrubbers.

Gas chlorine facilities shall conform with the Uniform Fire Code, Article 80 and the Uniform Building Code, Chapter 9 as they are applied by local jurisdictions in the state. Furthermore, local toxic gas ordinances shall be complied with if they exist.

(d) Heat.

The design of the chlorination room shall assure that the temperature in the room will never fall below 32 degrees F or that temperature required for proper operation of the chlorinator, whichever is greater.

(e) Ventilation.

Chlorination equipment rooms which contain cylinders or equipment and lines with gaseous chlorine under pressure shall be vented such that:

(i) when fan(s) are operating, suction will provide one complete room air change per minute;

(ii) the ventilating fan(s) take suction near the floor, as far as practical from the door and air inlet, with the point of discharge so located as not to contaminate air inlets of any rooms or structures;

(iii) air inlets are through louvers near the ceiling;

(iv) louvers for chlorine room air intake and exhaust facilitate airtight closure;

(iv) separate switches for the fans and lights are outside of the room, at the entrance to the chlorination equipment room. Outside switches shall be protected from vandalism;

(v) vents from feeders and storage discharge above grade to the outside atmosphere; and

(vi) floor drains are discouraged. Where provided, the floor drains shall discharge to the outside of the building and shall not be connected to other internal or external drainage systems.

(f) Feeder Vent Hose.

The vent hose from the feeder shall discharge to the outside atmosphere above grade at a point least susceptible to vandalism and shall have the end covered with a No. 14 mesh non-corrodible screen.

(g) Housing.

Adequate housing shall be provided for the chlorination equipment and for storing the chlorine (see R309-520-10(1)(l) above).

(h) Housing at Water Treatment Plants.

Separate rooms for cylinders and feed equipment shall be provided at all water treatment plants. Chlorine gas feed and storage shall be enclosed and separated from other operating areas. The chlorine room shall be:

(i) provided with a shatter resistant inspection window installed in an interior wall and preferably located so that an operator may read the weighing scales without entering the chlorine room,

(ii) constructed in a manner that all openings between the chlorine room and the remainder of the plant are sealed, and

(iii) provided with doors equipped with panic hardware assuring ready means of exit and opening only to the building exterior.

(i) Cylinder Security.

Full and empty cylinders of chlorine gas shall be:

(i) isolated from operating areas;

(ii) restrained in position to prevent upset from accidental bumping or a seismic event;

(iii) stored in rooms separated from ammonia storage; and

(iv) stored in areas not in direct sunlight or exposed to excessive heat.

(j) Feed Line Routing.

Chlorine feed lines shall not carry pressurized chlorine gas beyond the chlorinator room. Only vacuum lines may be routed to other portions of the building outside the chlorine room and any openings for these lines must be adequately sealed.

(k) Weighing Scales.

Scales shall be provided for weighing cylinders. Scales should be of a corrosion resistant material and should be placed in a location remote from any moisture. Scales shall be accurate enough to indicate loss of weight to the nearest one pound for 150 pound cylinders and to the nearest 10 pounds for one ton cylinders.

(l) Pressure Gauges.

Pressure gauges shall be provided on the inlet and outlet of each chlorine injector as indicated in R309-520-10(2)(b). The preferred location is on the water feed line immediately before the inlet of the chlorine injector and at a point on the water main just ahead of chlorine injection. These locations should give accurate pressure readings while not being subjected to corrosive chlorinated water.

(m) Injector Protection.

A suitable screen to prevent small debris from clogging a chlorine injector shall be provided on the water feed line. Provision for flushing of the screen is required.

(n) Chlorine Vent Line Protection.

A non-corrodible fine mesh (No. 14 or finer) screen shall be placed over the discharge ends of all vent lines. All vent lines shall discharge to the outside atmosphere above grade and at locations least susceptible to vandalism.

(o) Gas Masks.

(i) Respiratory protection equipment, meeting the requirements of the National Institute for Occupational Safety and Health (NIOSH) shall be available where chlorine gas in one-ton cylinders is handled, and shall be stored at a convenient location, but not inside any room where chlorine is used or stored. The units shall use compressed air, have at least a 30 minute capacity, and be compatible with or exactly the same as units used by the fire department responsible for the plant.

(ii) Where smaller chlorine cylinders are used, suitable gas masks must be provided.

(p) Chlorine Leak Detection and Repair.

A bottle of Ammonium Hydroxide, 56% ammonia solution, shall be available for chlorine leak detection; where ton containers are used, a leak repair kit approved by the Chlorine Institute shall be provided. Continuous chlorine leak detection equipment is recommended. Where a leak detector is provided, it shall be equipped with both an audible alarm and a warning light.

R309-520-11. Ozone.

Proposals for use of ozone disinfection shall be discussed with the Division prior to the preparation of final plans and specifications.

Part 4, Section 4.3.7, Ozone, in the Recommended Standards for Water Works (commonly known as "Ten State Standards"), 2007 edition is hereby incorporated by reference and shall govern the design and operation of disinfection facilities utilizing ozone. This document is published by the Great Lakes-Upper Mississippi River Board of Public Health and Environmental Managers. A copy is available in the office of the Division for reference.

R309-520-12. Chlorine Dioxide.

Proposals for the use of Chlorine Dioxide as a disinfectant shall be discussed with the Division prior to the preparation of final plans and specifications. The "CT" values for the inactivation of Giardia cysts using chlorine dioxide are independent of pH, with only temperature affecting the value. For chlorine dioxide, a 3-log inactivation of Giardia cysts will generally result in greater than 4-log virus inactivation, and assure meeting requirements. However, for chlorine dioxide, unlike chlorine where this relationship always hold true, at certain temperatures, the 4-log virus CT may be higher than the 3-log Giardia cyst CT.

R309-520-13. Chloramines.

Proposals for the use of Chloramines as a disinfectant shall be discussed with the Division prior to the preparation of final plans and specifications.

R309-520-14. Ultraviolet Light.

(1) Proposals for use of ultraviolet disinfection shall be discussed with the Division prior to the preparation of final plans and specifications.

(2) Secondary disinfection and maintenance of the required residual will be necessary where disinfection of the supply is required.

(3) Ultraviolet disinfection will be permitted where the design conforms to the minimum recommendations of the U.S. Public Health Service listed below.

(a) Ultraviolet radiation at a level of 2,537 Angstrom units must be applied at a minimum dosage of 16,000 microwatt-seconds per square centimeter per second (1,600 Finsen Units) at all points throughout the water disinfection chamber.

(b) Maximum water depth in the chamber, measured from the tub surface to the chamber wall, shall not exceed three inches.

(c) The ultraviolet tubes shall be:

(i) jacketed so that a proper operating tube temperature of about 105 degrees F is maintained; and

(ii) the jacket shall be of quartz or high silica glass with similar optical characteristics.

(d) A flow or time delay mechanism shall be provided to permit a two minute tube warm-up period before water flows from the unit.

(e) The unit shall be designed to permit frequent mechanical cleaning of the water contact surface of the jacket without disassembly of the unit.

(f) An automatic flow control valve, accurate within the expected pressure range, shall be installed to restrict flow to the maximum design flow of the treatment unit.

(g) An accurately calibrated ultraviolet intensity meter, properly filtered to restrict its sensitivity to the disinfection spectrum, shall be installed in the wall of the disinfection chamber at the point of greatest water depth from the tube or tubes.

(h) A diversion valve or automatic shut-off valve shall be installed which will permit flow into the finished drinking water system only when at least the minimum ultraviolet dosage is applied. When power is not being supplied to the unit, the valve should be in a closed position which prevents the flow of water into the finished drinking water system.

(i) An automatic, audible alarm shall be installed to warn of malfunction or impending shutdown.

(j) The materials of construction shall not impart toxic materials into the water either as a result of the presence of toxic constituents in materials of construction or as a result of physical or chemical changes resulting from exposure to ultraviolet energy.

(k) The unit shall be designed to protect the operator against electrical shock or excessive radiation.

(l) As with any drinking water treatment process, due consideration must be given to the reliability, economics, and competent operation of the disinfection process and related equipment, including:

(i) installation of the unit in a protected enclosure not subject to extremes of temperature which could cause malfunction; and

(ii) provision of a spare UV tube and other necessary equipment to effect prompt repair by qualified personnel properly instructed in the operation and maintenance of the equipment.

R309-520-15. Operation and Maintenance.

(1) Safety.

Chlorine gas facilities shall be operated in a manner which minimizes risks to water system personnel or the general public.

(2) Residual Chlorine.

Public drinking water systems supplied water from conventional surface water treatment or alternatives shall test for detectable chlorine residual or HPC within the distribution system as outlined in R309-215-10.

(3) Chlorine Dosing.

Chlorine, when used in the distribution system, shall be added in sufficient quantity to achieve either "breakpoint" and yield a detectable free chlorine residual or a detectable combined chlorine residual in the distribution system at points to be determined by the Executive Secretary. Residual checks must be taken daily by the operator of any system using disinfectants. The Executive Secretary may, however, reduce the frequency of residual checks if he determines that this would be an unwarranted hardship on the water system operator and, furthermore, the disinfection equipment has a verified record of reliable operation. Suppliers, when checking for residuals, must use test kits and methods which meet the requirements of the U.S. EPA. The "DPD" test method is recommended for free chlorine residuals. Information on the suppliers of this equipment is available from the Division.

(4) ANSI/NSF Standard 60 Certification.

All chemicals, including chlorine gas, added to drinking water supplied by a public water system shall be certified as complying with ANSI/NSF Standard 60, Drinking Water Treatment Chemicals.

KEY: drinking water, primary disinfectants, secondary disinfectants, operation and maintenance

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R309. Environmental Quality, Drinking Water.
R309-525. Facility Design and Operation: Conventional Surface Water Treatment.
R309-525-1. Purpose.

This rule specifies requirements for conventional surface water treatment plants used in public water systems. It is intended to be applied in conjunction with rules R309-500 through R309-550. Collectively, these rules govern the design, construction, operation and maintenance of public drinking water system facilities. These rules are intended to assure that such facilities are reliably capable of supplying adequate quantities of water which consistently meet applicable drinking water quality requirements and do not pose a threat to general public health.

R309-525-2. Authority.

This rule is promulgated by the Drinking Water Board as authorized by Title 19, Environmental Quality Code, Chapter 4, Safe Drinking Water Act, Subsection 104(1)(a)(ii) of the Utah Code and in accordance with Title 63G, Chapter 3 of the same, known as the Administrative Rulemaking Act.

R309-525-3. Definitions.

Definitions for certain terms used in this rule are given in R309-110 but may be further clarified herein.

R309-525-4. General.

(1) Treatment plants used for the purification of surface water supplies or ground water supplies under direct influence of surface water must conform to the requirements given herein. The plants shall have, as a minimum, facilities for flash mixing of coagulant chemicals, flocculation, sedimentation, filtration and disinfection.

(2) The overall design of a water treatment facility must be carefully examined to assure the compatibility of all devices and processes. The design of treatment processes and devices shall depend on an evaluation of the nature and quality of the particular water to be treated. The combined unit processes shall produce water meeting all established drinking water standards as given in R309-200.

(3) Direct filtration may be acceptable and rules governing this method are given in R309-530-5.

(4) Refer to R309-530-9 for policy with regards to novel water treatment equipment or techniques which may depart from the requirements outlined herein.

R309-525-5. Plant Capacity and Number of Treatment Trains.

(1) A determination of the required plant capacity and the required number of treatment trains shall be made after consultation with the Division. Ordinarily, a minimum of two units each for flocculation, sedimentation and filtration must be provided. The design shall provide for parallel or series operation of the clarification stages. Flash mix shall be designed and operated to provide a minimum velocity gradient of 750 fps/ft. Mixing time shall be less than thirty seconds. The treatment plant shall be designed to meet the anticipated "peak day demand" of the system being served when the treatment plant is the system's sole source. When other sources are available to the system, this requirement may be relaxed.

(2) The degree of "back-up" required in a water treatment plant will vary with the number of connections to be served, the availability of other acceptable sources of water, and the ability to control water consumption. Thus, when other sources are available to the system, the requirements of R309-525-7 (Plant Reliability) may also be relaxed. The Division shall be consulted in this regard prior to plant design.

R309-525-6. Plant Siting.

Plants must be sited with due regard for earthquake, flood, and fire hazard. Assistance in this matter is available from the Utah Geologic Survey. The Division shall be consulted regarding site selection prior to the preparation of engineering plans and specifications.

R309-525-7. Plant Reliability.

Plants designed for processing surface water or ground water under direct influence of surface water shall be designed to meet present and future water demands and assure reliable operation at all times. To help assure proper, uninterrupted operation:

(1) A manual override shall be provided for any automatic controls. Highly sophisticated automation may put proper maintenance beyond the capability of the plant operator, leading to equipment breakdowns or expensive servicing. Adequate funding must be assured for maintenance of automatic equipment.

(2) Main switch electrical controls shall be located above grade, in areas not subject to flooding.

(3) Plants shall be operated by qualified personnel approved by the Executive Secretary. As a minimum, the treatment plant manager is required to be certified in accordance with R309-300 at the grade of the waterworks system with an appropriate unrestricted Utah Operator's Certificate.

(4) The plant shall be constructed to permit units to be taken out of service without disrupting operation, and with drains or pumps sized to allow dewatering in a reasonable period of time.

(5) The plant shall have standby power available to permit operation of essential functions during power outages,

(6) The plant shall be provided with backup equipment or necessary spare parts for all critical items.

(7) Individual components critical to the operation of a treatment plant shall be provided with anchorage to secure the components from loss due to an earthquake event.

R309-525-8. Color Coding and Pipe Marking.

The piping in water treatment plants shall be color coded for identification. The following table contains color schemes recommended by the Division. Identification of the direction of flow and the contained liquid shall also be made on the pipe.

TABLE 525-1

Recommended Color Scheme for Piping	
Water Lines	
Raw	Olive Green
Settled or Clarified	Aquamarine
Finished	Dark Blue
Chemical Lines	
Alum	Orange
Ammonia	White
Carbon Slurry	Black
Chorine (Gas and Solution)	Yellow
Fluoride	Light Blue with Red Band
Lime Slurry	Light Green
Potassium Permanganate	Violet
Sulfur Dioxide	Light Green with Yellow Band
Waste lines	
Backwash Waste	Light Brown
Sludge	Dark Brown
Sewer (Sanitary or Other)	Dark Gray
Other	
Compressed Air	Dark Green
Gas	Red
Other Lines	Light Gray

R309-525-9. Diversion Structures and Pretreatment.

Refer to R309-515-5(5) for diversion structure design.

R309-525-10. Presedimentation.

Waters containing, heavy grit, sand, gravel, leaves, debris, or a large volume of sediments may require pretreatment, usually sedimentation, with or without the addition of coagulation chemicals.

(1) Presedimentation basins shall be equipped for efficient sludge removal.

(2) Incoming water shall be dispersed across the full width of the line of travel as efficiently as practical. Short-circuiting shall be minimized.

(3) Provisions for bypassing presedimentation basins shall be included.

R309-525-11. Chemical Addition.

(1) Goals.

Chemicals used in the treatment of surface water shall achieve the following:

(a) Primary coagulant chemicals shall be utilized to permit the formation of a floc,

(b) Disinfectants shall be added to raw and/or treated water.

(2) Application Criteria.

In achieving these goals the chemical(s) shall be applied to the water:

(a) To assure maximum control and flexibility of treatment,

(b) To assure maximum safety to consumer and operators,

(c) To prevent backflow or back-siphonage of chemical solutions to finished water systems.

(d) With appropriate spacing of chemical feed to eliminate any interference between chemicals.

(3) Typical Chemical Doses.

Chemical doses shall be estimated for each treatment plant to be designed. "Jar tests" shall be conducted on representative raw water samples to determine anticipated doses.

(4) Information Required for Review.

With respect to chemical applications, a submittal for Division review shall include:

(a) Descriptions of feed equipment, including maximum and minimum feed rates,

(b) Location of feeders, piping layout and points of application,

(c) Chemical storage and handling facilities,

(d) Specifications for chemicals to be used,

(e) Operating and control procedures including proposed application rates,

(f) Descriptions of testing equipment and procedures, and

(g) Results of chemical, physical, biological and other tests performed as necessary to define the optimum chemical treatment.

(5) Quality of Chemicals.

All chemicals added to water being treated for use in a public water system for human consumption shall comply with ANSI/NSF Standard 60. Evidence for this requirement shall be met if the chemical shipping container labels or material safety data sheets include:

(a) Chemical name, purity and concentrations, Supplier name and address, and

(b) Labeling indicating compliance with ANSI/NSF Standard 60.

(6) Storage, Safe Handling and Ventilation of Chemicals.

All requirements of the Utah Occupational Safety and Health Act (UOSHA) for storage, safe handling and ventilation of chemicals shall apply to public drinking water facilities. The designer shall incorporate all applicable UOSHA standards into the facility design, however, review of facility plans by the Division of Drinking Water under this Rule shall be limited to the following requirements:

(a) Storage of Chemicals.

(i) Space shall be provided for:

(A) An adequate supply of chemicals,

(B) Convenient and efficient handling of chemicals,

(C) Dry storage conditions.

(ii) Storage tanks and pipelines for liquid chemicals shall be specific to the chemicals and not for alternates.

(iii) Chemicals shall be stored in covered or unopened shipping containers, unless the chemical is transferred into a covered storage unit.

(iv) Liquid chemical storage tanks must:

(A) Have a liquid level indicator, and

(B) Have an overflow and a receiving basin or drain capable of receiving accidental spills or overflows, and meeting all requirements of R309-525-23, and

(C) Be equipped with an inverted "J" air vent.

(v) Acids shall be kept in closed acid-resistant shipping containers or storage units.

(b) Safe Handling.

(i) Material Safety Data Sheets for all chemicals utilized shall be kept and maintained in prominent display and be easily accessed by operators.

(ii) Provisions shall be made for disposing of empty bags, drums or barrels by an acceptable procedure which will minimize operator exposure to dusts.

(iii) Provisions shall be made for measuring quantities of chemicals used to prepare feed solutions.

(c) Dust Control and Ventilation.

Adequate provision shall be made for dust control and ventilation.

(7) Feeder Design, Location and Control.

(a) General Feeder Design.

General equipment design, location and control shall be such that:

(i) feeders shall supply, at all times, the necessary amounts of chemicals at an accurately controlled rate, throughout the anticipated range of feed,

(ii) chemical-contact materials and surfaces are resistant to the aggressiveness of the chemicals,

(iii) corrosive chemicals are introduced in a manner to minimize potential for corrosion,

(iv) chemicals that are incompatible are not fed, stored or handled together.

(v) all chemicals are conducted from the feeder to the point of application in separate conduits,

(vi) spare parts are available for all feeders to replace parts which are subject to wear and damage,

(vii) chemical feeders are as near as practical to the feed point,

(viii) chemical feeders and pumps operate at no lower than 20 percent of the feed range,

(ix) chemicals are fed by gravity where practical,

(x) be readily accessible for servicing, repair, and observation.

(b) Chemical Feed Equipment.

Where chemical feed is necessary for the protection of the consumer, such as disinfection, coagulation or other essential processes:

(i) a minimum of two feeders, one active and one standby, shall be provided for each chemical,

(ii) the standby unit or a combination of units of sufficient capacity shall be available to replace the largest unit during shut-downs,

(iii) where a booster pump is required, duplicate equipment shall be provided and, when necessary, standby power,

(iv) a separate feeder shall be used for each non-compatible chemical applied where a feed pump is required, and

(v) spare parts shall be available for all feeders to replace parts which are subject to wear and damage.

(c) Dry Chemical Feeders.

Dry chemical feeders shall:

(i) measure feed rate of chemicals volumetrically or gravimetrically, and

(ii) provide adequate solution water and agitation of the chemical in the solution tank.

(d) Feed Rate Control.

(i) Feeders may be manually or automatically controlled, with automatic controls being designed to allow override by manual controls.

(ii) Chemical feed rates shall be proportional to flows.

(iii) A means to measure water flow rate shall be provided.

(iv) Provisions shall be made for measuring the quantities of chemicals used.

(v) Weighing scales:

(A) shall be provided for weighing cylinders at all plants using chlorine gas,

(B) may be required for fluoride solution feed, where applicable,

(C) shall be provided for volumetric dry chemical feeders, and

(D) shall be accurate to measure increments of 0.5 percent of scale capacity.

(8) Feeder Appurtenances.

(a) Liquid Chemical Solution Pumps.

Positive displacement type solution feed pumps shall be used to feed liquid chemicals, but shall not be used to feed chemical slurries. Pumps must be sized to match or exceed maximum head conditions found at the point of injection. All liquid chemical feeders shall be provided with devices approved by the Utah Plumbing Code which will prevent the siphoning of liquid chemical through the pump.

(b) Solution Tanks.

(i) A means consistent with the nature of the chemical solution shall be provided in a solution tank to maintain a uniform strength of solution. Continuous agitation shall be provided to maintain slurries in suspension.

(ii) Means shall be provided to measure the solution level in the tank.

(iii) Chemical solutions shall be kept covered. Large tanks with access openings shall have the openings curbed and fitted with tight overhanging covers.

(iv) Subsurface locations are discouraged, but when used for solution tanks shall:

(A) be free from sources of possible contamination, and

(B) assure positive drainage for ground waters, accumulated water, chemical spills and overflows.

(v) Overflow pipes, when provided, shall:

(A) have a free fall discharge, and

(B) be located where noticeable.

(vi) Acid storage tanks shall be vented to the outside atmosphere, but not through vents in common with day tanks.

(vii) Each tank shall be provided with a valved drain, protected against backflow in accordance with R309-525-11(10)(b) and R309-525-11(10)(c).

(viii) Solution tanks shall be located and protective curbing provided so that chemicals from equipment failure, spillage or accidental drainage shall not enter the water in conduits, treatment or storage basins.

(ix) When polymers are used, storage tanks shall be located away from heat sources and direct sunlight.

(c) Day Tanks.

(i) Day tanks shall be provided where dilution of liquid chemical is required prior to feeding.

(ii) Day tanks shall meet all the requirements of R309-525-11(9)(b).

(iii) Certain chemicals, such as polymers, become unstable after hydration, therefore, day tanks shall hold no more than a thirty hour supply unless manufacturer's recommendations allow for longer periods.

(iv) Day tanks shall be scale-mounted, or have a calibrated gauge painted or mounted on the side if liquid levels cannot be observed in a gauge tube or through translucent sidewalls of the tank. In opaque tanks, a gauge rod extending above a referenced point at the top of the tank, attached to a float may be used. The ratio of the cross-sectional area of the tank to its height must be such that unit readings are meaningful in relation to the total amount of chemical fed during a day.

(v) Hand pumps may be provided for transfer from a carboy or drum. A top rack may be used to permit withdrawal into a bucket from a spigot. Where motor-driven transfer pumps are provided a liquid level limit switch and an overflow from the day tank, which will drain by gravity back into the bulk storage tank, must be provided, unless spill containment is provided for both bulk and day tanks.

(vi) A means which is consistent with the nature of the chemical solution shall be provided to maintain uniform strength of solution in a day tank. continuous agitation shall be provided to maintain chemical slurries in suspension.

(vii) Tanks shall be properly labeled to designate the chemical contained.

(d) Feed Lines.

(i) Feed lines shall be as short as possible in length of run, and be:

(A) of durable, corrosion resistant material,

(B) easily accessible throughout the entire length,

(C) protected against freezing, and

(D) readily cleanable.

(ii) Feed lines shall slope upward from the chemical source to the feeder when conveying gases.

(iii) Lines shall be designed with due consideration of scale forming or solids depositing properties of the water, chemical, solution or mixture conveyed.

(9) Make up Water Supply and Protection.

(a) In Plant Water Supply.

In plant water supply shall be:

(i) Ample in supply, adequate in pressure, and of a quality equal to or better than the water at the point of application.

(ii) Provided with means for measurement when preparing specific solution concentrations by dilution.

(iii) Properly protected against backflow.

(b) Cross-Connection Control.

Cross-connection control shall be provided to assure that:

(i) The make-up waterlines discharging to solution tanks shall be properly protected from backflow as required by the Utah Plumbing Code.

(ii) Liquid chemical solutions cannot be siphoned through solution feeders into the process units as required in R309-525-11(9)(c).

(iii) No direct connection exists between any sewer and the drain or overflow from the feeder, solution chamber or tank by providing that all pipes terminate at least six inches or two pipe diameters, whichever is greater, above the overflow rim of a receiving sump, conduit or waste receptacle.

(iv) Pre- and post-chlorination systems must be independent to prevent possible siphoning of partially treated water into the clear well. The water supply to each eductor shall have a separate shut-off valve. No master shut off valve will be allowed.

(c) Liquid Chemical Feeders, Siphon Control.

Liquid chemical feeders shall be such that chemical solutions cannot be siphoned into the process units, by:

(i) Assuring positive pressure at the point of discharge,

(ii) Providing vacuum relief,

(iii) Providing a suitable air gap, or

(iv) Other suitable means or combinations as necessary.

(10) Operator Safety.

Design of the plant shall be in accordance with the Utah Occupational Safety and Health Act (UOSHA). The designer and public water system management are responsible to see that

they incorporate applicable UOSHA standards into the facility design and operation. Review of facility plans by the Division shall be limited to the following recommendations:

(a) Floor surfaces should be smooth and impervious, slip-proof and well drained,

(b) At least one pair of rubber gloves, a dust respirator of a type certified by the National Institute of Occupational Safety and Health (NIOSH) for toxic dusts, an apron or other protective clothing and goggles or face mask should be provided for each operator, A deluge shower and/or eye washing device should be installed where strong acids and alkalis are used or stored.

(c) A water holding tank that will allow water to reach room temperature should be installed in the water line feeding the deluge shower and eye washing device. Other methods of water tempering may be available.

(d) Adequate ventilation should be provided.

(11) Design for Specific Chemicals.

Design of the plant shall be in accordance with the Utah Occupational Safety and Health Act (UOSHA). The designer and public water system management are responsible to see that they incorporate applicable UOSHA standards into the facility design and operation. Review of facility plans by the Division shall be limited to the following recommendations:

Acids and Caustics.

(i) Acids and caustics should be kept in closed corrosion-resistant shipping containers or storage units.

(ii) Acids and caustics should not be handled in open vessels, but should be pumped in undiluted form from original containers through suitable hose, to the point of treatment or to a covered day tank.

Sodium Chlorite for Chlorine Dioxide Generation.

Proposals for the storage and use of sodium chlorite should be approved by the Executive Secretary prior to the preparation of final plans and specifications. Provisions should be made for proper storage and handling of sodium chlorite to eliminate any danger of explosion.

(i) Sodium Chlorite Storage: (A) Sodium chlorite should be stored by itself in a separate room and preferably should be stored in an outside building detached from the water treatment facility. It should be stored away from organic materials which would react violently with sodium chlorite; (B) The storage structures should be constructed of noncombustible materials; (C) If the storage structure is to be located in a area where a fire may occur, water should be available to keep the sodium chlorite area sufficiently cool to prevent decomposition from heat and resultant potential explosive conditions.

(ii) Sodium Chlorite Handling: (A) Care should be taken to prevent spillage; (B) An emergency plan of operation should be available for the clean up of any spillage; (C) Storage drums should be thoroughly flushed prior to recycling or disposal.

(iii) Sodium Chlorite Feeders: (A) Positive displacement feeders should be provided; (B) Tubing for conveying sodium chlorite or chlorine dioxide solutions should be Type 1 PVC, polyethylene or materials recommended by the manufacturer; (C) Feed lines should be installed in a manner to prevent formation of gas pockets and should terminate at a point of positive pressure; (D) Check valves should be provided to prevent the backflow of chlorine into the sodium chlorite line.

R309-525-12. Mixing.

(1) Flash Mix.

(a) Equipment - Mechanical, in-line or jet mixing devices shall be used.

(b) Mixing - All devices used in rapid mixing shall be capable of imparting a minimum velocity gradient (G) of at least 750 fps per foot. Mixing time shall be less than thirty seconds.

(c) Location - The flash mix and flocculation basins shall be as close together as possible.

(d) Introduction of chemicals - Primary coagulant chemicals shall be added at the point of maximum turbulence within the flash mix unit. Where in-line mixing devices are used chemical injection should be at the most appropriate upstream point.

(2) Flocculation.

(a) Basin design.

Inlet and outlet design shall prevent short-circuiting and destruction of floc. A drain or pumps shall be provided to handle dewatering and sludge removal.

(b) Detention.

The flow-through velocity shall not be less than 0.5 feet per minute nor greater than 1.5 feet per minute with a detention time for floc formation of at least 30 minutes.

(c) Equipment.

Agitators shall be driven by variable speed drives with the peripheral speed of paddles ranging from 0.5 fps to 2.0 fps. Equipment shall be capable of imparting a velocity gradient (G) between 25 fps per foot and 80 fps per foot to the water treated. Compartmentalized tapered energy flocculation concept may also be used in which G tapers from 100 fps to 10 fps per foot.

(d) Hydraulic flocculation.

Hydraulic flocculation may be permitted and shall be reviewed on a case by case basis. The unit must yield a G value equivalent to that required by b and c above.

(e) Piping.

Flocculation and sedimentation basins shall be as close as possible. The velocity of flocculated water through pipes or conduits to settling basins shall not be less than 0.5 fps nor greater than 1.5 fps. Allowance must be made to minimize turbulence at bends and changes in direction.

(f) Other designs.

Baffling may be used to provide for flocculation in small plants only after consultation with the Division. The design shall be such that the velocities and flows noted above will be maintained.

(g) Visible floc.

The flocculation unit shall be capable of producing a visible, settleable floc.

R309-525-13. Sedimentation.

(1) General Design Requirements.

Sedimentation shall follow flocculation. The detention time for effective clarification is dependent upon a number of factors related to basin design and the nature of the raw water. The following criteria apply to conventional sedimentation units:

(a) Inlet devices.

Inlets shall be designed to distribute the water equally and at uniform velocities. Open ports, submerged ports, or similar entrance arrangements are required. A baffle shall be constructed across the basin close to the inlet end and shall project several feet below the water surface to dissipate inlet velocities and provide uniform flows across the basin.

(b) Outlet devices.

Outlet devices shall be designed to maintain velocities suitable for settling in the basin and to minimize short-circuiting. The use of submerged orifices is recommended in order to provide a volume above the orifices for storage when there are fluctuations in the flow.

(c) Emergency Overflow.

An overflow weir (or pipe) shall be installed which will establish the maximum water level desired on top of the filters. It shall discharge by gravity with a free fall to a location where the discharge will be visible.

(d) Sludge Removal.

Sludge removal design shall provide that:

(i) sludge pipes shall be not less than three inches in diameter and arranged to facilitate cleaning,

(ii) entrance to sludge withdrawal piping shall prevent

clogging,

(iii) valves shall be located outside the basin for accessibility, and

(iv) the operator may observe and sample sludge being withdrawn from the unit.

(v) Sludge collection shall be accomplished by mechanical means.

(e) Drainage.

Basins shall be provided with a means for dewatering. Basin bottoms shall slope toward the drain not less than one foot in 12 feet where mechanical sludge collection equipment is not provided.

(f) Flushing lines.

Flushing lines or hydrants shall be provided and shall be equipped with backflow prevention devices acceptable to the Executive Secretary.

(g) Safety.

Appropriate safety devices shall be included as required by the Occupational Safety and Health Act (OSHA).

(h) Removal of floating material.

Provision shall be made for the periodic removal of floating material.

(2) Sedimentation Without Tube Settlers.

If tube settling equipment is not used within settling basins, the following requirements apply:

(a) Detention Time.

A minimum of four hours of detention time shall be provided. Reduced sedimentation time may be approved when equivalent effective settling is demonstrated or multimedia filtration is employed.

(b) Weir Loading.

The rate of flow over the outlet weir shall not exceed 20,000 gallons per day per foot of weir length. Where submerged orifices are used as an alternate for overflow weirs they shall not be lower than three feet below the water surface when the flow rates are equivalent to weir loading.

(c) Velocity.

The velocity through settling basins shall not exceed 0.5 feet per minute. The basins shall be designed to minimize short-circuiting. Fixed or adjustable baffles shall be provided as necessary to achieve the maximum potential for clarification.

(d) Depth.

The depth of the sedimentation basin shall be designed for optimum removal.

(3) Sedimentation With Tube Settlers.

Proposals for settler unit clarification shall be approved by the Executive Secretary prior to the preparation of final plans and specifications.

(a) Inlet and outlet design shall be such to maintain velocities suitable for settling in the basin and to minimize short circuiting.

(b) Flushing lines shall be provided to facilitate maintenance and be properly protected against backflow or back siphonage. Drain and sludge piping from the settler units shall be sized to facilitate a quick flush of the settler units and to prevent flooding other portions of the plant.

(c) Although most units will be located within a plant, design of outdoor installations shall provide sufficient freeboard above the top of settlers to prevent freezing in the units.

(d) The design application rate shall be a maximum rate of 2 gal/sq.ft./min of cross-sectional area (based on 24-inch long 60 degree tubes or 39.5-inch long 7.5 degree tubes), unless higher rates are successfully shown through pilot plant or in-plant demonstration studies.

R309-525-14. Solids Contact Units.

(1) General.

Solids contact units are generally acceptable for combined softening and clarification where water characteristics, especially temperature, do not fluctuate rapidly, flow rates are uniform and operation is continuous. Before such units are considered as clarifiers without softening, specific approval of the Executive Secretary shall be obtained. A minimum of two units are required for surface water treatment.

(2) Installation of Equipment

The design engineer shall see that a representative of the manufacturer is present at the time of initial start-up operation to assure that the units are operating properly.

(3) Operation of Equipment.

The following shall be provided for plant operation:

(a) a complete outfit of tools and accessories,

(b) necessary laboratory equipment, and

(c) adequate piping with suitable sampling taps so located as to permit the collection of samples of water from critical portions of the units.

(4) Chemical feed.

Chemicals shall be applied at such points and by such means as to insure satisfactory mixing of the chemicals with the water.

(5) Mixing.

A flash mix device or chamber ahead of solids contact units may be required to assure proper mixing of the chemicals applied. Mixing devices employed shall be so constructed as to:

(a) provide good mixing of the raw water with previously formed sludge particles, and

(b) prevent deposition of solids in the mixing zone.

(6) Flocculation.

Flocculation equipment:

(a) shall be adjustable (speed and/or pitch),

(b) shall provide for coagulation in a separate chamber or baffled zone within the unit, and

(c) shall provide the flocculation and mixing period to be not less than 30 minutes.

(7) Sludge concentrators.

(a) The equipment shall provide either internal or external concentrators in order to obtain a concentrated sludge with a minimum of waste water.

(b) Large basins shall have at least two sumps for collecting sludge with one sump located in the central flocculation zone.

(8) Sludge removal.

Sludge removal design shall provide that:

(a) sludge pipes shall be not less than three inches in diameter and so arranged as to facilitate cleaning,

(b) the entrance to the sludge withdrawal piping shall prevent clogging,

(c) valves shall be located outside the tank for accessibility, and

(d) the operator may observe and sample sludge being withdrawn from the unit.

(9) Cross-connections.

(a) Blow-off outlets and drains shall terminate and discharge at places satisfactory to the Executive Secretary.

(b) Cross-connection control must be included for the finished drinking water lines used to back flush the sludge lines.

(10) Detention period.

The detention time shall be established on the basis of the raw water characteristics and other local conditions that affect the operation of the unit. Based on design flow rates, the detention time shall be:

(a) two to four hours for suspended solids contact clarifiers and softeners treating surface water, and

(b) one to two hours for suspended solids contact softeners treating only ground water.

(11) Suspended slurry concentrate.

Softening units shall be designed so that continuous slurry concentrates of one percent or more, by weight, can be satisfactorily maintained.

(12) Water losses.

(a) Units shall be provided with suitable controls for sludge withdrawal.

(b) Total water losses shall not exceed:

(i) five percent for clarifiers,

(ii) three percent for softening units.

(c) Solids concentration of sludge bled to waste shall be:

(i) three percent by weight for clarifiers,

(ii) five percent by weight for softeners.

(13) Weirs or orifices.

The units shall be equipped with either overflow weirs or orifices constructed so that water at the surface of the unit does not travel over 10 feet horizontally to the collection trough.

(a) Weirs shall be adjustable, and at least equivalent in length to the perimeter of the basin.

(b) Weir loading shall not exceed:

(i) 10 gpm per foot of weir length for units used for clarifiers

(ii) 20 gpm per foot of weir length for units used for softeners.

(c) Where orifices are used the loading rates per foot of launderer shall be equivalent to weir loadings. Either shall produce uniform rising rates over the entire area of the tank.

(14) Upflow rates.

Upflow rates shall not exceed:

(a) 1.0 gpm/sf at the sludge separation line for units used for clarifiers,

(b) 1.75 gpm/sf at the slurry separation line for units used as softeners.

R309-525-15. Filtration.

(1) General.

Filters may be composed of one or more media layers. Mono-media filters are relatively uniform throughout their depth. Dual or multi-layer beds of filter material are so designed that water being filtered first encounters coarse material, and progressively finer material as it travels through the bed.

(2) Rate of Filtration.

(a) The rate of filtration shall be determined through consideration of such factors as raw water quality, degree of pretreatment provided, filter media, water quality control parameters, competency of operating personnel, and other factors as determined by the Executive Secretary. Generally, higher filter rates can be assigned for the dual or multi-media filter than for a single media filter because the former is more resistant to filter breakthrough.

(b) The filter rate shall be proposed and justified by the designing engineer to the satisfaction of the Executive Secretary prior to the preparation of final plans and specifications.

(c) The use of dual or multi-media filters may allow a reduction of sedimentation detention time (see R309-525-13(2)(a)) due to their increased ability to store sludge.

(d) Filter rates assigned by the Executive Secretary must never be exceeded, even during backwash periods.

(e) The use of filter types other than conventional rapid sand gravity filters must receive written approval from the Executive Secretary prior to the preparation of final plans and specifications.

(3) Number of Filters Required.

At least two filter units shall be provided. Where only two filter units are provided, each shall be capable of meeting the plant design capacity (normally the projected peak day demand) at the approved filtration rate. Where more than two filter units are provided, filters shall be capable of meeting the plant design capacity at the approved filtration rate with one filter removed from service. Refer to R309-525-5 for situations where these requirements may be relaxed.

(4) Media Design.

R309-525-15(4)(a) through R309-525-15(4)(e), which follow, give requirements for filter media design. These requirements are considered minimum and may be made more stringent if deemed appropriate by the Executive Secretary.

(a) Mono-media, Rapid Rate Gravity Filters.

The allowable maximum filtration rate for a silica sand, mono-media filter is three gpm/sf This type of filter is composed of clean silica sand having an effective size of 0.35 mm to 0.65 mm and having a uniformity coefficient less than 1.7. The total bed thickness must not be less than 24 inches nor generally more than 30 inches.

(b) Dual Media, Rapid Rate Gravity Filters.

The following applies to all dual media filters:

(i) Total depth of filter bed shall not be less than 24 inches nor generally more than 30 inches.

(ii) All materials used to make up the filter bed shall be of such particle size and density that they will be effectively washed at backwash rates between 15 and 20 gpm/sf They must settle to reconstitute the bed essentially in the original layers upon completion of backwashing.

(iii) The bottom layer must be at least ten inches thick and consist of a material having an effective size no greater than 0.45 mm and a uniformity coefficient not greater than 1.5.

(iv) The top layer shall consist of clean crushed anthracite coal having an effective size of 0.45 mm to 1.2 mm, and a uniformity coefficient not greater than 1.5.

(v) Dual media filters will be assigned a filter rate up to six gpm/sf. Generally if the bottom fine layer consists of a material having an effective size of 0.35 mm or less, a filtration rate of six gpm/sf can be assigned.

(vi) Each dual media filter must be provided with equipment which shall continuously monitor turbidity in the filtered water. The equipment shall be so designed to initiate automatic backwash if the filter effluent turbidity exceeds 0.3 NTU. If the filter turbidity exceeds one NTU, filter shutdown is required. In plants attended part-time, this shutdown must be accomplished automatically and shall be accompanied by an alarm. In plants having full-time operators, a one NTU condition need only activate an alarm. Filter shutdown may then be accomplished by the operator.

(c) Tri-Media, Rapid Rate Gravity Filters.

The following applies to all Tri-media filters:

(i) Total depth of filter bed shall not be less than 24 inches nor generally more than 30 inches.

(ii) All materials used to make up the filter bed shall be of such particle size and density that they will be effectively washed at backwash rates between 15 and 20 gpm/sf. They must settle to reconstitute the bed to the normal gradation of coarse to fine in the direction of flow upon completion of backwashing.

(iii) The bottom layer must be at least four inches thick and consist of a material having an effective size no greater than 0.45 mm and uniformity coefficient not greater than 2.2. The bottom layer thickness may be reduced to three inches if it consists of a material having an effective size no greater than 0.25 mm and a uniformity coefficient not greater than 2.2.

(iv) The middle layer must consist of silica sand having an effective size of 0.35 mm to 0.8 mm, and a uniformity coefficient not greater than 1.8.

(v) The top layer shall consist of clean crushed anthracite coal having an effective size of 0.45 mm to 1.2 mm, and a uniformity coefficient not greater than 1.85.

(vi) Tri-media filters will be assigned a filter rate up to 6 gpm/sf. Generally, if the bottom fine layer consists of a material having an effective size of 0.35 mm or less, a filtration rate of six gpm/sf can be assigned.

(vii) Each Tri-media filter must be provided with equipment which shall continuously monitor turbidity in the filtered water. The equipment shall be so designed to initiate automatic backwash if the effluent turbidity exceeds 0.3 NTU.

If the filter turbidity exceeds one NTU, filter shutdown is required. In plants attended part-time, this shutdown must be accomplished automatically and shall be accompanied by an alarm. In plants having full-time operators, a one NTU condition need only activate an alarm. Filter shutdown may then be accomplished by the operator.

(d) Granulated Activated Carbon (GAC).

Use of granular activated carbon media shall receive the prior approval of the Executive Secretary, and must meet the basic specifications for filter material as given above, and:

(i) There shall be provision for adding a disinfectant to achieve a suitable residual in the water following the filters and prior to distribution,

(ii) There shall be a means for periodic treatment of filter material for control of biological or other growths,

(iii) Facilities for carbon regeneration or replacement must be provided.

(e) Other Media Compositions and Configurations.

Filters consisting of materials or configurations not prescribed in this section will be considered on experimental data or available operation experience.

(5) Support Media, Filter Bottoms and Strainer Systems.

Care must be taken to insure that filter media, support media, filter bottoms and strainer systems are compatible and will give satisfactory service at all times.

(a) Support Media.

The design of support media will vary with the configuration of the filtering media and the filter bottom. Thus, support media and/or proprietary filter bottoms shall be reviewed on a case-by-case basis.

(b) Filter Bottoms and Strainer Systems.

(i) The design of manifold type collection systems shall:

(A) Minimize loss of head in the manifold and laterals,

(B) Assure even distribution of washwater and even rate of filtration over the entire area of the filter,

(C) Provide a ratio of the area of the final openings of the strainer system to the area of the filter of about 0.003,

(D) Provide the total cross-sectional area of the laterals at about twice the total area of the final openings,

(E) Provide the cross-sectional area of the manifold at 1.5 to 2 times the total area of the laterals.

(ii) Departures from these standards may be acceptable for high rate filter and for proprietary bottoms.

(iii) Porous plate bottoms shall not be used where calcium carbonate, iron or manganese may clog them or with waters softened by lime.

(6) Structural Details and Hydraulics.

The filter structure shall be so designed as to provide for:

(a) Vertical walls within the filter,

(b) No protrusion of the filter walls into the filter media,

(c) Cover by superstructure,

(d) Head room to permit normal inspection and operation,

(e) Minimum water depth over the surface of the filter media of three feet, unless an exception is granted by the Executive Secretary,

(f) Maximum water depth above the filter media shall not exceed 12 feet,

(g) Trapped effluent to prevent backflow of air to the bottom of the filters,

(h) Prevention of floor drainage to enter onto the filter by installation of a minimum four inch curb around the filters,

(i) Prevention of flooding by providing an overflow or other means of control,

(j) Maximum velocity of treated water in pipe and conduits to filters of two fps,

(k) Cleanouts and straight alignment for influent pipes or conduits where solids loading is heavy or following lime-soda softening,

(l) Washwater drain capacity to carry maximum flow,

(m) Walkways around filters, to be not less than 24 inches wide,

(n) Safety handrails or walls around filter areas adjacent to normal walkways,

(o) No common wall between filtered and unfiltered water shall exist. This requirement may be waived by the Executive Secretary for small "package" type plants using metal tanks of sufficient thickness,

(p) Filtration to waste for each filter.

(7) Backwash.

(a) Water Backwash Without Air.

Water backwash systems shall be designed so that backwash water is not recycled to the head of the treatment plant unless it has been settled, as a minimum. Furthermore, water backwash systems; including tanks, pumps and pipelines, shall:

(i) Provide a minimum backwash rate of 15 gpm/sf, consistent with water temperatures and the specific gravity of the filter media. The design shall provide for adequate backwash with minimum media loss. A reduced rate of 10 gpm/sf may be acceptable for full depth anthracite or granular activated carbon filters.

(ii) provide finished drinking water at the required rate by washwater tanks, a washwater pump, from the high service main, or a combination of these.

(iii) Permit the backwashing of any one filter for not less than 15 minutes.

(iv) Be capable of backwashing at least two filters, consecutively.

(v) Include a means of varying filter backwash rate and time.

(vi) Include a washwater regulator or valve on the main washwater line to obtain the desired rate of filter wash with washwater valves or the individual filters open wide.

(vii) Include a rate of flow indicator, preferably with a totalizer on the main washwater line, located so that it can be easily read by the operator during the washing process.

(viii) Be designed to prevent rapid changes in backwash water flow.

(ix) Use only finished drinking water.

(x) Have washwater pumps in duplicate unless an alternate means of obtaining washwater is available.

(xi) Perform in conjunction with "filter to waste" system to allow filter to stabilize before introduction into clearwell.

(b) Backwash with Air Scouring.

Air scouring can be considered in place of surface wash when:

(i) air flow for air scouring the filter must be 3 to 5 scfm/sf of filter area when the air is introduced in the underdrain; a lower air rate must be used when the air scour distribution system is placed above the underdrains,

(ii) a method for avoiding excessive loss of the filter media during backwashing must be provided,

(iii) air scouring must be followed by a fluidization wash sufficient to restratify the media,

(iv) air must be free from contamination,

(v) air scour distribution systems shall be placed below the media and supporting bed interface; if placed at the interface the air scour nozzles shall be designed to prevent media from clogging the nozzles or entering the air distribution system.

(vi) piping for the air distribution system shall not be flexible hose which will collapse when not under air pressure and shall not be a relatively soft material which may erode at the orifice opening with the passage of air at high velocity.

(vii) air delivery piping shall not pass down through the filter media nor shall there be any arrangement in the filter design which would allow short circuiting between the applied unfiltered water and the filtered water,

(viii) consideration shall be given to maintenance and

replacement of air delivery piping,

(ix) when air scour is provided the backwash water rate shall be variable and shall not exceed eight gpm/sf unless operating experience shows that a higher rate is necessary to remove scoured particles from filter surfaces.

(x) the filter underdrains shall be designed to accommodate air scour piping when the piping is installed in the underdrain, and

(xi) the provisions of Section R309-525-15(7)(a) (Backwash) shall be followed.

(8) Surface Wash or Subsurface Wash.

Surface wash or subsurface wash facilities are required except for filters used exclusively for iron or manganese removal. Washing may be accomplished by a system of fixed nozzles or a revolving-type apparatus, provided:

(a) Provisions for water pressures of at least 45 psi,

(b) A properly installed vacuum breaker or other approved device to prevent back-siphonage if connected to a finished drinking water system,

(c) All washwater must be finished drinking water,

(d) Rate of flow of two gpm/sf of filter area with fixed nozzles or 0.5 gpm/sf with revolving arms.

(9) Washwater Troughs.

Washwater troughs shall be so designed to provide:

(a) The bottom elevation above the maximum level of expanded media during washing,

(b) A two inch freeboard at the maximum rate of wash,

(c) The top edge level and all edges of trough at the same elevation

(d) Spacing so that each trough serves the same number of square feet of filter areas,

(e) Maximum horizontal travel of suspended particles to reach the trough not to exceed three feet.

(10) Appurtenances.

(a) The following shall be provided for every filter:

(i) Sample taps or means to obtain samples from influent and effluent,

(ii) A gauge indicating loss of head,

(iii) A meter indicating rate-of-flow. A modified rate controller which limits the rate of filtration to a maximum rate may be used. However, equipment that simply maintains a constant water level on the filters is not acceptable, unless the rate of flow onto the filter is properly controlled,

(iv) A continuous turbidity monitoring device where the filter is to be loaded at a rate greater than three gpm/sf

(v) Provisions for draining the filter to waste with appropriate measures for backflow prevention (see R309-525-23).

(i) Wall sleeves providing access to the filter interior at several locations for sampling or pressure sensing,

(ii) A 1.0 inch to 1.5 inch diameter pressure hose and storage rack at the operating floor for washing filter walls.

(11) Miscellaneous.

Roof drains shall not discharge into filters or basins and conduits preceding the filters.

R309-525-16. In-Plant Finished Drinking Water Storage.

(1) General.

In addition to the following, the applicable design standards of R309-545 shall be followed for plant storage.

(a) Backwash Water Tanks.

Backwash water tanks shall be sized, in conjunction with available pump units and finished water storage, to provide the backwash water required by R309-525-15(7). Consideration shall be given to the backwashing of several filters in rapid succession.

(b) Clearwell.

Clearwell storage shall be sized, in conjunction with distribution system storage, to relieve the filters from having to follow fluctuations in water use.

(i) When finished water storage is used to provide the contact time for chlorine (see R309-520-10(1)(f), especially sub-section (f)(iv)), special attention must be given to size and baffling.

(ii) To ensure adequate chlorine contact time, sizing of the clearwell shall include extra volume to accommodate depletion of storage during the nighttime for intermittently operated filtration plants with automatic high service pumping from the clearwell during non-treatment hours.

(iii) An overflow and vent shall be provided.

(2) Adjacent Compartments.

Finsihed drinking water shall not be stored or conveyed in a compartment adjacent to unsafe water when the two compartments are separated by a single wall. The Executive Secretary may grant an exception to this requirement for small "package" treatment plants using metal tanks of sufficient wall thickness.

(3) Basins and Wet-Wells.

Receiving basins and pump wet-wells for finished drinking water shall be designed as drinking water storage structures. (See Section R309-545)

R309-525-17. Miscellaneous Plant Facilities.

(1) Laboratory.

Sufficient laboratory equipment shall be provided to assure proper operation and monitoring of the water plant. A list of required laboratory equipment is:

(a) one floc testing apparatus with illuminated base and variable speed stirrer,

(b) 10 each 1000 ml Griffin beakers (plastic is highly recommended over glass to prevent breakage),

(c) one 1000 ml graduated cylinder (plastic is highly recommended over glass to prevent breakage),

(d) pH test strips (6.0 to 8.5),

(e) five wide mouth 25 ml Mohr pipets,

(f) one triple beam, single pan or double pan balance with 0.1 g sensitivity and 2000 g capacity (using attachment weights),

(g) DPD chlorine test kit,

(h) bench-top turbidimeter,

(i) five each 1000 ml reagent bottles with caps,

(j) dish soap,

(k) brush (2 3/4 inch diameter by 5 inch),

(l) one platform scale 1/2 lb sensitivity, 100 lb capacity,

(m) book - Simplified Procedures for Water Examination, AWWA Manual M12

(2) Continuous Turbidity Monitoring and Recording Equipment.

Continuous turbidity monitoring and recording facilities shall be located as specified in R309-215-9.

(3) Sanitary and Other Conveniences.

All treatment plants shall be provided with finished drinking water, lavatory and toilet facilities unless such facilities are otherwise conveniently available. Plumbing must conform to the Utah Plumbing Code and must be so installed to prevent contamination of a public water supply.

R309-525-18. Sample Taps.

Sample taps shall be provided so that water samples can be obtained from appropriate locations in each unit operation of treatment. Taps shall be consistent with sampling needs and shall not be of the petcock type. Taps used for obtaining samples for bacteriological analysis shall be of the smooth-nosed type without interior or exterior threads, shall not be of the mixing type, and shall not have a screen, aerator, or other such appurtenance.

R309-525-19. Operation and Maintenance Manuals.

Operation and maintenance manuals shall be prepared for the treatment plant and found to be acceptable by the Executive Secretary. The manuals shall be usable and easily understood. They shall describe normal operating procedures, maintenance procedures and emergency procedures.

R309-525-20. Operator Instruction.

Provisions shall be made for operator instruction at the start-up of a plant.

R309-525-21. Safety.

All facilities shall be designed and constructed with due regard for safety, comfort and convenience. As a minimum, all applicable requirements of Utah Occupational Safety and Health Act (UOSHA) must be adhered to.

R309-525-22. Disinfection Prior To Use.

All pipes, tanks, and equipment which can convey or store finished drinking water shall be disinfected in accordance with the following AWWA procedures:

(1) C651-05 Disinfecting Water Mains
(2) C652-02 Disinfection of Water Storage Facilities
(3) C653-03 Disinfection of Water Treatment Plants

R309-525-23. Disposal of Treatment Plant Waste.

Provisions must be made for proper disposal of water treatment plant waste such as sanitary, laboratory, sludge, and filter backwash water. All waste discharges and treatment facilities shall meet the requirements of the plumbing code, the Utah Department of Environmental Quality, the Utah Department of Health, and the United States Environmental Protection Agency, including the following:

(1) Rules for Onsite Wastewater Disposal Systems, Utah Administrative Code R317-4.

(2) Rules for Water Quality, Utah Administrative Code R317.

(3) Rules for Solid and Hazardous Waste, Utah Administrative Code R315.

In locating waste disposal facilities, due consideration shall be given to preventing potential contamination of a water supply as well as breach or damage due to environmental factors.

R309-525-24. Other Considerations.

Consideration shall be given to the design requirements of other federal, state, and local regulatory agencies for items such as safety requirements, special designs for the handicapped, plumbing and electrical codes, construction in the flood plain, etc.

R309-525-25. Operation and Maintenance.

(1) Water system operators must determine that all chemicals added to water intended for human consumption are suitable for drinking water use and comply with ANSI/NSF Standard 60.

(2) No chemicals or other substances may be added to public water supplies unless the chemical addition facilities and chemical type have been reviewed and approved by the Executive Secretary. The Executive Secretary shall be notified prior to the changing of primary coagulant type. The Executive Secretary may require documentation to verify that sufficient testing and analysis have been done. The primary coagulant may not be changed without prior approval from the Executive Secretary.

(3) During the operation of a conventional surface water treatment plant stable flow rates shall be maintained through the filters.

(4) All instrumentation needed to verify that treatment processes are sufficient shall be properly calibrated and maintained. As a minimum, this shall include turbidimeters.

KEY: drinking water, flocculation, sedimentation, filtration
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R309. Environmental Quality, Drinking Water.
R309-530. Facility Design and Operation: Alternative Surface Water Treatment Methods.
R309-530-1. Purpose.

This rule specifies requirements for alternative surface water treatment methods. It is intended to be applied in conjunction with rules R309-500 through R309-550. Collectively, these rules govern the design, construction, operation and maintenance of public drinking water system facilities. These rules are intended to assure that such facilities are reliably capable of supplying adequate quantities of water which consistently meet applicable drinking water quality requirements and do not pose a threat to general public health.

R309-530-2. Authority.

This rule is promulgated by the Drinking Water Board as authorized by Title 19, Environmental Quality Code, Chapter 4, Safe Drinking Water Act, Subsection 104(1)(a)(ii) of the Utah Code and in accordance with Title 63G, Chapter 3 of the same, known as the Administrative Rulemaking Act.

R309-530-3. Definitions.

Definitions for certain terms used in this rule are given in R309-110 but may be further clarified herein.

R309-530-4. General.

(1) Alternative Methods.

In addition to conventional surface water treatment method (i.e. coagulation, sedimentation and filtration as outlined in R309-525), several alternative methods may also be suitable. They are: Direct Filtration; Slow Sand Filtration; Membrane Filtration; and Diatomaceous Earth Filtration.

(2) Incorporation of Other Rules.

For each process described in this section pertinent rules are given. The designer shall also incorporate the relevant rules given in other sections into the plans and specifications for any of these specialized treatment methods. Where applicable, the following topics shall be addressed:

(a) Plant Siting (see R309-525-6).
(b) Pre-design Submittal (see R309-515-5(2)).
(c) Plant Reliability (see R309-525-7).
(d) Color Coding and Pipe Marking (see R309-525-8).
(e) Chemical Addition (see R309-525-11).
(f) Miscellaneous Plant Facilities (see R309-525-17, particularly sub-section R309-525-17(1), Laboratory).
(g) Operation and Maintenance Manuals (see R309-525-19).
(h) Safety (see R309-525-21).
(i) Disposal of Treatment Plant Waste (see R309-525-23).
(j) Disinfection (see R309-520).

R309-530-5. Direct Filtration.

(1) Chemical Addition and Mixing.

Direct Filtration is conventional surface water treatment without the sedimentation process. Rules for Chemical Addition and Mixing shall be the same as found in sections R309-525-11 and R309-525-12.

(2) Source Water Quality.

Direct Filtration applies the destabilized colloids to the filter rather than removing the majority of the load through sedimentation. While this process represents considerable construction cost savings, the source water must have low average turbidity in order to provide reliable service without excessive backwash requirements. Source water with low average turbidity is generally only obtained from large capacity reservoirs.

(3) Design Requirements.

The following requirements shall apply to Direct Filtration plants:

(a) At least one year's record of source water turbidity, sampled at least once per week, shall be presented to the Executive Secretary. A Direct Filtration facility will only be permitted if the data shows that 75% of the measurements are below five (5) NTU. The Executive Secretary shall judge whether Direct Filtration is suitable given the quality of the proposed source water (see R309-515-5(2)(a)(ii)).

(b) Pilot plant studies, acceptable to the Executive Secretary, shall be conducted prior to the preparation of final engineering plans.

(c) Requirements for flash mix and flocculation basin design are given in sub-sections R309-525-12(1) and R309-525-12(2).

(d) Chemical addition and mixing equipment shall be designed to be capable of providing a visible, but not necessarily settleable, floc.

(e) Surface wash, subsurface wash, or air scour shall be provided for the filters in accordance with sub-section R309-525-15(7).

(f) A continuous monitoring turbidimeter shall be installed on each filter effluent line and shall be of a type with at least two alarm conditions capable of meeting the requirements of subsections R309-525-15(4)(b)(vi) or R309-525-15(4)(c)(vii). The combined plant effluent shall be equipped with a continuous turbidimeter having a chart recorder. Additional monitoring equipment to assist in control of the coagulant dose may be required (i.e. streaming current gauges, particle counters, etc.) if the plant cannot consistently meet the requirements of rule R309-200.

(g) In addition to the alarm conditions required above, the plant shall be designed and operated so that the plant will automatically shut down when a source water turbidity of 20 NTU lasts longer than three hours, or when the source water turbidity exceeds 30 NTU at any time.

(h) The plant design and land ownership surrounding the plant shall allow for the installation of conventional sedimentation basins. Sedimentation basins may be required if the Executive Secretary determines the plant is failing to meet minimum water quality or performance standards.

R309-530-6. Slow Sand Filtration.

(1) Acceptability.

Slow sand filtration means a process involving passage of raw water through a bed of sand at low velocity resulting in substantial particle removal by physical and biological mechanisms. The acceptability of slow sand filters as a substitute for "conventional surface water treatment" facilities (detailed in R309-525) shall be determined by the Executive Secretary based on suitability of the source water and demand characteristics of the system.

(2) Source Water Quality.

The Executive Secretary may impose design requirements in addition to those listed herein, in allowing this process. The following shall be considered, among other factors, in determining whether slow sand filtration will be acceptable:

(a) Source water turbidity must be low and consistent. Slow Sand Filtration shall be utilized only when the source waters have turbidity less than 50 NTU and color less than 30 units (see R309-515-5(2)(a)).

(b) The nature of the turbidity particles shall be considered. Turbidity must not be attributable to colloidal clay.

(c) The nature and extent of algae growths in the raw water shall be considered. Algae must not be a species considered as filter and screen-clogging algae as indicated in "Standard Methods for the Examination of Water and Wastewater" prepared and published jointly by American Public Health Association, American Water Works Association, and Water Environment Federation. High concentrations of algae in the raw water can cause short filter runs; the amount of algae,

expressed as the concentration of chlorophyll "a" in the raw water shall not exceed 0.005 mg/l.

(3) Pilot Plant Studies.

The Executive Secretary shall allow the use of Slow Sand Filtration only when the supplier's engineering studies show that the slow sand facility can consistently produce an effluent meeting the quality requirements of rule R309-200. The Executive Secretary should be consulted prior to the detailed design of a slow sand facility.

(4) Operation.

Effluent from a Slow Sand Filtration facility shall not be introduced into a public water supply until an active biological mat has been created on the filter.

(5) Design requirements.

The following design parameters shall apply to each Slow Sand Filtration plant:

(a) At least three filter units shall be provided. Where only three units are provided, any two shall be capable of meeting the plant's design capacity (normally the projected "peak daily flow") at the approved filtration rate. Where more than three filter units are provided, the filters shall be capable of meeting the plant design capacity at the approved filtration rate with any one filter removed from service.

(b) All filters shall be protected to prevent freezing. If covered by a structure, enough headroom shall exist to permit normal movement by operating personnel for scraping and sand removal operations. There shall be adequate manholes and access ports for the handling of sand. An overflow at the maximum filter water level shall be provided.

(c) The permissible rates of filtration shall be determined by the quality of the source water and shall be determined by experimental data derived during pilot studies conducted on the source water. Filtration rates of 0.03 gpm/sf to 0.1 gpm/sf shall be acceptable (equivalent to two to six million gallons per day per acre). Somewhat higher rates may be acceptable when demonstrated to the satisfaction of the Executive Secretary.

(d) Each filter unit shall be equipped with a main drain and an adequate number of lateral underdrains to collect the filtered water. The underdrains shall be so spaced that the maximum velocity of the water flow in the underdrain will not exceed 0.75 fps. The maximum spacing of the laterals shall not exceed three feet if pipe laterals are used.

(e) Filter sand shall be placed on graded gravel layers for an initial filter sand depth of 30 inches. A minimum of 24 inches of filter sand shall be present, even after scraping. The effective size of the filter sand shall be between 0.30 mm and 0.45 mm in diameter. The filter sand uniformity coefficient shall not exceed 2.5. Further, the sand shall throughly washed and found to be clean and free from foreign matter.

(f) A three-inch layer of well rounded sand shall be used as a supporting media for filter sand. It shall have an effective size of 0.8 mm to 2.0 mm in diameter and the uniformity coefficient shall not be greater than 1.7.

(g) A supporting gravel media shall be provided. It shall consist of hard, durable, rounded silica particles and shall not include flat or elongated particles. The coarsest gravel shall be 2.5 inches in size when the gravel rests directly on the strainer system, and must extend above the top of the perforated laterals. Not less than four layers of gravel shall be provided in accordance with the following size and depth distribution when used with perforated laterals:

TABLE 530-1

Size	Depth
2 1/2 to 1 1/2 inches	5 to 8 inches
1 1/2 to 3/4 inches	3 to 5 inches
3/4 to 1/2 inches	3 to 5 inches
1/2 to 3/16 inches	2 to 3 inches
3/16 to 3/32 inches	2 to 3 inches

Reduction of gravel depths may be considered upon justification to the Executive Secretary when proprietary filter bottoms are specified.

(h) Slow sand filters shall be designed to provide a depth of at least three to five feet of water over the sand.

(i) Each filter shall be equipped with: a loss of head gauge; an orifice, venturi meter, or other suitable metering device installed on each filter to control the rate of filtration; and an effluent pipe designed to maintain the water level above the top of the filter sand.

(j) Disinfection of the effluent of Slow Sand Filtration plants will be required.

(k) A filter-to-waste provision shall be included.

(l) Electrical power shall be available at the plant site.

R309-530-7. Diatomaceous Earth Filtration.

The use of Diatomaceous Earth Filtration units may be considered for application to surface waters with low turbidity and low bacterial contamination, and additionally may be used for iron removal for groundwaters of low quality, providing the removal is effective and the water is of sanitary quality before treatment.

The acceptability of Diatomaceous Earth Filtration as a substitute for "conventional surface water treatment" facilities (detailed in rule R309-525) shall be determined by the Executive Secretary. Determination may be based on the level of support previously exhibited by the public water system management along with a finding by the Executive Secretary that "conventional surface water treatment" or other methods herein described are too costly or unacceptable.

Diatomaceous Earth Filtration consists of a process to remove particles from water wherein a precoat cake of diatomaceous earth filter media is deposited on a support membrane (septum), and while the water is filtered by passing through the cake on the septum, additional filter media known as body feed is continuously added to the source water to maintain the permeability of the filter cake. Diatomite filters are characterized by rigorous operating requirements, high operating costs, and increased sludge production.

Part 4, Section 4.2.3, Diatomaceous Earth Filtration, in the Recommended Standards for Water Works (commonly known as "Ten State Standards"), 2007 edition is hereby incorporated by reference and shall govern the design and operation of diatomaceous earth filtration facilities. This document is published by the Great Lakes-Upper Mississippi River Board of Public Health and Environmental Managers. A copy is available in the office of the Division for reference.

R309-530-8. Membrane Technology.

(1) Acceptability.

Surface waters, or groundwater under the direct influence of surface water (UDI), may be treated using membrane technology (microfiltration, ultrafiltration, nanofiltration) coupled with "primary and secondary disinfection."

(2) Pilot Plant Study.

Because this is a relatively new technology, appropriate investigation shall be conducted by the public water system to assure that the process will produce the required quality of water at a cost which can be borne by the public water system consumers. A pilot plant study shall be conducted prior to the commencement of design. The study must be conducted in accordance with EPA's Environmental Technology Verification Program (ETV) or the protocol and treated water parameters must be approved prior to conducting any testing by the Executive Secretary.

(3) Design Requirements.

The following items shall be addressed in the design of any membrane technology plant intended to provide microbiological treatment of surface waters or groundwater "UDI:"

(a) The facility shall be equipped with an on-line particle counter on the final effluent.

(b) The facility shall be equipped with an automatic membrane integrity test system.

(4) The Executive Secretary shall establish the turbidity limit for 95% of turbidity measurements and the maximum turbidity limit which shall not be exceeded. The plant effluent shall meet the requirements of R309-200-5(5)(a)(ii).

R309-530-9. New Treatment Processes or Equipment.

The policy of the Board is to encourage, rather than to obstruct, the development of new methods and equipment for the treatment of water. Nevertheless, any new processes or equipment must have been thoroughly tested in full-scale, comparable installations, before approval of plans can be issued. Refer to EPA's Environmental Technology Verification Program (ETV).

No new treatment process will be approved for use in Utah unless the designer or supplier can present evidence satisfactory to the Executive Secretary that the process will insure the delivery of water of safe, sanitary quality, without imposing undue problems of supervision, operation and/or control.

The Executive Secretary shall establish the turbidity limit for 95% of turbidity measurements and the maximum turbidity limit which shall not be exceeded. The plant effluent shall meet the requirements of R309-200-5(5)(a)(ii).

KEY: drinking water, direct filtration, slow sand filtration, membrane technology
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R309. Environmental Quality, Drinking Water.
R309-545. Facility Design and Operation: Drinking Water Storage Tanks.
R309-545-1. Purpose.

The purpose of this rule is to provide specific requirements for public drinking water storage tanks. It is intended to be applied in conjunction with other rules, specifically R309-500 through R309-550. Collectively, these rules govern the design, construction, operation and maintenance of public drinking water system facilities. These rules are intended to assure that such facilities are reliably capable of supplying adequate quantities of water which consistently meet applicable drinking water quality requirements and do not pose a threat to general public health.

R309-545-2. Authority.

This rule is promulgated by the Drinking Water Board as authorized by Title 19, Environmental Quality Code, Chapter 4, Safe Drinking Water Act, Subsection 104(1)(a)(ii) of the Utah Code and in accordance with Title 63G, Chapter 3 of the same, known as the Administrative Rulemaking Act.

R309-545-3. Definitions.

Definitions for certain terms used in this rule are given in R309-110 but may be further clarified herein.

R309-545-4. General.

Storage for drinking water shall be provided as an integral part of each public drinking water system unless an exception to rule is approved by the Executive Secretary. Pipeline volume in transmission or distribution lines shall not be considered part of any storage volumes.

R309-545-5. Size of Tank(s).

Required Storage Capacity: In the absence of firm water use data, at or above the 90% confidence level, storage tanks shall be sized in accordance with the recommended minimums of R309-510.

R309-545-6. Tank Material and Structural Adequacy.

(1) Materials.

The materials used in drinking water storage structures shall provide stability and durability as well as protect the quality of the stored water. Steel tanks shall be constructed from new, previously unused, plates and designed in accordance with AWWA Standard D-100.

(2) Structural Design.

The structural design of drinking water storage structures shall be sufficient for the environment in which they are located. The design shall incorporate a careful analysis of potential seismic risks.

R309-545-7. Location of Tanks.

(1) Pressure Considerations.

The location of the reservoir and the design of the water system shall be such that the minimum working pressure in the distribution system shall meet the minimum pressures as required in R309-105-9.

(2) Connections.

Tanks shall be located at an elevation where present and anticipated connections can be adequately served. System connections shall not be placed at elevations such that minimum pressures as required in R309-105-9 cannot be continuously maintained.

(3) Sewer Proximity.

Sewers, drains, standing water, and similar sources of possible contamination shall be kept at least 50 horizontal feet from the reservoir.

(4) Standing Surface Water.

The area surrounding a ground-level drinking water storage structure shall be graded in a manner that will prevent surface water from standing within 50 horizontal feet of the structure.

(5) Ability to Isolate.

Drinking water storage structures shall be designed and located so that they can be isolated from the distribution system. Storage structures shall be capable of being drained for cleaning or maintenance without necessitating loss of pressure in the distribution system.

(6) Earthquake and Landslide Risks.

Potential geologic hazards shall be taken into account in selecting a tank location. Earthquake and landslide risks shall be evaluated.

(7) Security.

The site location and design of a drinking water storage reservoir shall take into consideration security issues and potential for vandalism.

R309-545-8. Tank Burial.

(1) Flood Elevation.

The bottom of drinking water storage reservoirs shall be located at least three feet above the 100 year flood level or the highest known maximum flood elevation, whichever is higher.

(2) Ground Water.

When the bottom of a drinking water storage reservoir is to be below normal ground surface, it shall be placed above the local ground water table elevation.

(3) Covered Roof.

When the roof of a drinking water storage reservoir is to be covered by earth, the roof shall be sloped to drain toward the outside edge of the tank.

R309-545-9. Tank Roof and Sidewalls.

(1) Protection From Contamination.

All drinking water storage structures shall have suitable watertight roofs and sidewalls which shall also exclude birds, animals, insects, and excessive dust.

(2) Openings.

Openings in the roof and sidewalls shall be kept to a minimum and comply with the following:

(a) Any pipes running through the roof or sidewall of a metal drinking water storage structure shall be welded, or properly gasketed. In new concrete tanks, these pipes shall be connected to standard wall castings with seepage rings which have been poured in place. Vent pipes, in additions to seepage rings, shall have raised concrete curbs which direct water away from the vent pipe and are formed as a single pour with the roof deck. No roof drains or any other pipes which may contain water of less quality than drinking water shall ever penetrate the roof, walls, or floor of a drinking water storage tank.

(b) Openings in a storage structure roof or top, designated to accommodate control apparatus or pump columns, shall be welded, gasketed, or curbed and sleeved as above, and shall have additional proper shielding to prevent vandalism.

(c) Openings shall be kept as far away as possible from the storage tank outlet and other sources of surface water.

(3) Adjacent Compartments.

Drinking water shall not be stored or conveyed in a compartment adjacent to wastewater when the two compartments are separated by a single wall.

(4) Slope of Roof.

The roof of all storage structures shall be designed for drainage. Parapets, or similar construction which would tend to hold water and snow, shall not be utilized unless adequate waterproofing and drainage are provided. Downspout or roof drain pipes shall not enter or pass through the reservoir.

R309-545-10. Internal Features.

The following shall apply to internal features of drinking

water storage structures:

(1) Drains.

If a drain is provided, it shall not discharge to a sanitary sewer. If local authority allows discharge to a storm drain, the drain discharge shall have a physical air gap of at least two pipe diameters between the discharge end of the pipe and the overflow rim of the receiving basin.

(2) Internal Catwalks.

Internal catwalks, if provided and located so as to be over the drinking water, shall have a solid floor with raised edges. The edges and floor shall be so designed that shoe scrapings or dirt will not fall into the drinking water.

(3) Inlet and Outlet.

To minimize potential sediment flow from the structure, the normal outlet pipes from all reservoirs shall be located in a manner to provide a silt trap prior to discharge into the distribution system.

(4) Disinfection.

If the drinking water reservoir is to be utilized as a contact basin for disinfection purposes, the design engineer shall conduct tracer studies or other tests, previously approved by the Executive Secretary, to determine the minimum contact time and the potential for short circuiting.

R309-545-11. ANSI/NSF International, Standard 61.

(1) ANSI/NSF Standard 61 Certification.

All interior surfaces or coatings shall consist of products which are certified by laboratories approved by ANSI and which comply with ANSI/NSF Standard 61 or other standards approved by the Executive Secretary. This requirement applies to any pipes and fittings, protective materials (e.g. paints, coatings, concrete admixtures, concrete release agents, concrete sealers), joining and sealing materials (e.g. adhesives, caulks, gaskets, primers and sealants) and mechanical devices (e.g. electrical wire, switches, sensors, valves, submersible pumps) which are located so as to come into contact with the drinking water.

(2) Curing Time and Volatile Organic Compounds.

If products which require a cure or set time are utilized in such a way as to come into contact with the drinking water, then water shall not be introduced into the vessel until any required curing time has passed. It shall be the responsibility of the water purveyor to assure that no tastes or odors, toxins or other compounds, which result in MCL exceedances, are imparted to the water as a result of tank repair.

R309-545-12. Steel Tanks.

(1) Paints.

Proper protection shall be given to all metal surfaces, both internal and external, by paints or other protective coatings. Internal coatings shall comply with ANSI/NSF Standard 61.

(2) Cathodic Protection.

If installed, internal cathodic protection shall be designed, installed and maintained by personnel trained in corrosion engineering.

R309-545-13. Tank Overflow.

All water storage structures shall be provided with an overflow which is discharged at an elevation between 12 and 24 inches above the ground surface with an appropriate air gap. The discharges shall not cause erosion.

(1) Diameter.

All overflow pipes shall be of sufficient capacity to permit waste of water in excess of the filling rate.

(2) Slope.

All overflow pipes shall Be sloped for complete drainage,

(3) Screen.

All overflow pipes shall be screened with No. 4 mesh non-corrodible screen installed at a location least susceptible to damage by vandalism,

(4) Visible Discharge.

All overflow pipes shall be located so that any discharge is visible,

(5) Cross Connections.

All overflow pipes shall not be connected to, or discharge into, any sanitary sewer system.

(6) Paint.

If an overflow pipe within a reservoir is painted or otherwise coated, such coating shall comply with ANSI/NSF Standard 61.

R309-545-14. Access Openings.

Drinking water storage structures shall be designed with reasonably convenient access to the interior for cleaning and maintenance.

(1) Height.

There shall be at least one opening above the water line which shall be framed at least four inches above the surface of the roof at the opening; or if on a buried structure, shall be elevated at least 18 inches above any earthen cover over the structure. The frame shall be securely fastened and sealed to the tank roof so as to prevent any liquid contaminant entering the tank. Concrete drinking water storage structures shall have raised curbs around access openings, formed and poured continuous with the pouring of the roof and sloped to direct water away from the frame.

(2) Shoebox Lid.

The frame of any access opening shall be provided with a close fitting solid shoebox type cover which extends down around the frame at least two inches and is furnished with a gasket(s) between the lid and frame,

(3) Locking Device.

The lid to any access opening shall have a locking device.

R309-545-15. Venting.

Drinking water storage structures shall be vented. Overflows shall not be considered as vents. Vents provided on drinking water storage reservoirs shall:

(1) Inverted Vent.

Be downturned a minimum of two inches below any opening or shielded to prevent the entrance of surface water and rainwater.

(2) Open Discharge.

On buried structures, have the discharge a minimum of 24 inches above the earthen covering.

(3) Blockage.

Be located and sized so as to avoid blockage during winter conditions.

(4) Pests.

Exclude birds and animals.

(5) Dust.

Exclude insects and dust, as much as this function can be made compatible with effective venting.

(6) Screen.

Be fitted with No. 14 mesh or finer non-corrodible screen.

(7) Screen Protector.

Be fitted with additional heavy gage screen or substantial covering which will protect the No. 14 mesh screen against vandalism and, further, discourage purposeful attempts to contaminate the reservoir.

R309-545-16. Freezing Prevention.

All drinking water storage structures and their appurtenances, especially the riser pipes, overflows, and vents, shall be designed to prevent freezing which may interfere with proper functioning.

R309-545-17. Level Controls.

Adequate level control devices shall be provided to maintain water levels in storage structures.

R309-545-18. Security.

Locks on access manholes, and other necessary precautions shall be provided to prevent unauthorized entrance, vandalism, or sabotage.

R309-545-19. Safety.

(1) Utah OSHA.

The safety of employees shall be considered in the design of the storage structure. Ladders, ladder guards, platform railings, and safely located entrance hatches shall be provided where applicable. As a minimum, such matters shall conform to pertinent laws and regulations of the Utah Occupational Safety and Health Administration.

(2) Ladders.

Generally, ladders having an unbroken length in excess of 20 feet shall be provided with appropriate safety devices. This requirement shall apply both to interior and exterior reservoir ladders.

(3) Requirements for Elevated Tanks.

Elevated tanks shall have railings or handholds provided for transfer from the access tube to the water compartment.

R309-545-20. Disinfection.

Drinking water storage structures shall be disinfected before being put into service for the first time, and after being entered for cleaning, repair, or painting. The reservoir shall be cleaned of all refuse and shall then be washed with potable water prior to adding the disinfectant. AWWA Standard C652-02 shall be followed for reservoir disinfection, with the exception there shall be no delivery of waters used in the disinfection process to the distribution system, unless specifically authorized, in writing, by the Executive Secretary.

Upon completing any of the three methods for storage tank chlorination, as outlined in AWWA C652-02, the water system must properly dispose of residual super-chlorinated waters in the outlet pipes. Other super-chlorinated waters, which are not to be ultimately diluted and delivered into the distribution system, shall also be properly disposed.

Chlorinated water discharged from the storage tank shall be disposed of in an acceptable manner and in conformance with the rules of the Utah Water Quality Board (see R317 of the Utah Administrative Code).

R309-545-21. Incorporation by Reference.

The following list of Standards shall be considered as incorporated by reference in this specific rule. The most recent published copy of the referenced standard will apply in each case.

(1) AWWA Standards.

(a) C652-02, Disinfection of Water Storage Reservoirs.

(b) D100-05, Welded Steel Tanks for Water Storage.

(c) D101-53(R86), Inspecting and Repairing Steel Water Tanks, Standpipes, Reservoirs, and Elevated Tanks for Water Storage.

(d) D102-03, Coating Steel Water-Storage Tanks.

(e) D103-97, Factory-Coated Bolted Steel Tanks for Water Storage.

(f) D104-01, Automatically Controlled, Impressed-Current Cathodic Protection for the Interior of Steel Water Tanks.

(g) D110-04, Wire-Wound Circular Prestressed-Concrete Water Tanks (including addendum D110a-96).

(h) D115-95, Circular Prestressed Concrete Water Tanks With Circumferential Tendons.

(i) D120-02, Thermosetting Fiberglass-Reinforced Plastic Tanks.

(j) D130-02, Flexible-Membrane-Lining and Floating-Cover Materials for Potable-Water Storage.

(2) NSF International Standards.

(a) NSF 60, Drinking Water Treatment Chemicals - Health Effects.

(b) NSF 61, Drinking Water System Components - Health Effects.

(3) Utah OSHA.

Applicable standards of the Utah Occupational Safety and Health Administration are hereby incorporated by reference.

R309-545-22. Operation and Maintenance of Storage Tanks.

(1) Inspection and Cleaning.

Tanks which are entered for inspection and cleaning shall be disinfected in accordance with AWWA Standard C652-02 prior to being returned to service. When diver(s) enter storage tanks that have not been drained for inspection purposes, they shall comply with section five of the above standard unless the tank is constructed of steel, in which case they shall comply additionally with AWWA Standard D101-53(R86).

(2) Recoating or Repairing.

Any substance used to recoat or repair the interior of drinking water storage tank shall be certified to conform with ANSI/NSF Standard 61. If the tank is not drained for recoating or repairing, any substance or material used to repair interior coatings or cracks shall be suitable for underwater application, as indicated by the manufacturer, as well as comply with both ANSI/NSF Standards 60 and 61.

(3) Seasonal Use.

Water storage tanks which are operated seasonally shall be flushed and disinfected in accordance with AWWA Standard C652-02 prior to each season's use. Certification of proper disinfection, as evidenced by at least one satisfactory bacteriologic sample, shall be obtained by the system management and kept on file for inspection by personnel of the Division. During the non-use period, care shall be taken to see that openings to the water storage tank (those which are normally closed and sealed during normal use) are closed and secured.

KEY: drinking water, storage tanks, access, overflow and drains
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R317. Environmental Quality, Water Quality.
R317-1. Definitions and General Requirements.
R317-1-1. Definitions.

1.1 "Board" means the Utah Water Quality Board.

1.2 "BOD" means 5-day, 20 degrees C. biochemical oxygen demand.

1.3 "Body Politic" means the State or its agencies or any political subdivision of the State to include a county, city, town, improvement district, taxing district or any other governmental subdivision or public corporation of the State.

1.4 "Building sewer" means the pipe which carries wastewater from the building drain to a public sewer, a wastewater disposal system or other point of disposal. It is synonymous with "house sewer".

1.5 "CBOD" means 5-day, 20 degrees C., carbonaceous biochemical oxygen demand.

1.6 "COD" means chemical oxygen demand.

1.7 "Deep well" means a drinking water supply source which complies with all the applicable provisions of the State of Utah Public Drinking Water Regulations.

1.8 "Digested sludge" means sludge in which the volatile solids content has been reduced to about 50% by a suitable biological treatment process.

1.9 "Division" means the Utah State Division of Water Quality.

1.10 "Domestic wastewater" means a combination of the liquid or water-carried wastes from residences, business buildings, institutions, and other establishments with installed plumbing facilities, together with those from industrial establishments, and with such ground water, surface water, and storm water as may be present. It is synonymous with the term "sewage".

1.11 "Effluent" means the liquid discharge from any unit of a wastewater treatment works, including a septic tank.

1.12 "Human pathogens" means specific causative agents of disease in humans such as bacteria or viruses.

1.13 "Industrial wastes" means the liquid wastes from industrial processes as distinct from wastes derived principally from dwellings, business buildings, institutions and the like. It is synonymous with the term "industrial wastewater".

1.14 "Influent" means the total wastewater flow entering a wastewater treatment works.

1.15 "Large underground wastewater disposal system" means the same type of device as an onsite wastewater system except that it is designed to handle more than 5,000 gallons per day of domestic wastewater, or wastewater that originates in multiple dwellings, commercial establishments, recreational facilities, schools, or any other underground wastewater disposal system not covered under the definition of an onsite wastewater system. The Board controls the installation of such systems.

1.16 "Onsite wastewater system" means an underground wastewater disposal system for domestic wastewater which is designed for a capacity of 5,000 gallons per day or less and is not designed to serve multiple dwelling units which are owned by separate owners except condominiums and twin homes. It usually consists of a building sewer, a septic tank and an absorption system.

1.17 "Operating Permit" is a State issued permit issued to any wastewater treatment works covered under R317-3 or R317-5 with the following exceptions:

A. Any wastewater treatment permitted under Ground Water Quality Protection R317-6.

B. Any wastewater treatment permitted under Underground Injection Control (UIC) Program R317-7.

C. Any wastewater treatment permitted under Utah Pollutant Discharge Elimination System (UPDES) R317-8.

D. Any wastewater treatment permitted under Approvals and Permits for a Water Reuse Project R317-13.

E. Any wastewater treatment permitted by a Local Health Department under Onsite Wastewater Systems R317-4.

1.18 "Person" means any individual, corporation, partnership, association, company, or body politic, including any agency or instrumentality of the United States government (Section 19-1-103).

1.19 "Point source" means any discernible, confined and discrete conveyance including but not limited to any pipe, ditch, channel, tunnel, conduit, well, discrete fissure, container, concentrated animal feeding operation, or vessel or other floating craft from which pollutants are or may be discharged. This term does not include return flow from irrigated agriculture.

1.20 "Pollution" means such contamination, or other alteration of the physical, chemical, or biological properties of any waters of the state, or such discharge of any liquid, gaseous or solid substance into any waters of the state as will create a nuisance or render such waters harmful or detrimental or injurious to public health, safety or welfare, or to domestic, commercial, industrial, agricultural, recreational, or other legitimate beneficial uses, or to livestock, wild animals, birds, fish or other aquatic life.

1.21 "Sewage" is synonymous with the term "domestic wastewater".

1.22 "Shallow well" means a well providing a source of drinking water which does not meet the requirements of a "deep well".

1.23 "Sludge" means the accumulation of solids which have settled from wastewater. As initially accumulated, and prior to treatment, it is known as "raw sludge".

1.24 "SS" means suspended solids.

1.25 Total Maximum Daily Load (TMDL) means the maximum amount of a particular pollutant that a waterbody can receive and still meet state water quality standards, and an allocation of that amount to the pollutant's sources.

1.26 "Treatment works" means any plant, disposal field, lagoon, dam, pumping station, incinerator, or other works used for the purpose of treating, stabilizing or holding wastes. (Section 19-5-102).

1.27 "TSS" means total suspended solids.

1.28 "Underground Wastewater Disposal System" means a system for underground disposal of domestic wastewater. It includes onsite wastewater systems and large underground wastewater disposal systems.

1.29 "Wastes" means dredged spoil, solid waste, incinerator residue, sewage, garbage, sewage sludge, munitions, chemical wastes, biological materials, radioactive materials, heat, wrecked or discarded equipment, rock, sand, cellar dirt, and industrial, municipal, and agricultural waste discharged into water. (Section 19-5-102).

1.30 "Wastewater" means sewage, industrial waste or other liquid substances which might cause pollution of waters of the state. Intercepted ground water which is uncontaminated by wastes is not included.

1.31 "Waters of the state" means all streams, lakes, ponds, marshes, water-courses, waterways, wells, springs, irrigation systems, drainage systems, and all other bodies or accumulations of water, surface and underground, natural or artificial, public or private, which are contained within, flow through, or border upon this state or any portion thereof, except that bodies of water confined to and retained within the limits of private property, and which do not develop into or constitute a nuisance, or a public health hazard, or a menace to fish and wildlife, shall not be considered to be "waters of the state" under this definition (Section 19-5-102).

R317-1-2. General Requirements.

2.1 Water Pollution Prohibited. No person shall discharge wastewater or deposit wastes or other substances in violation of the requirements of these rules.

2.2 Construction Permit. No person shall make or construct any device for treatment or discharge of wastewater (including storm sewers) without first receiving a permit to do so from the Board or its authorized representative, except as provided herein.

A. Body Politic Required. A permit for construction of a new treatment works or a sewerage system, or modifications to an existing treatment works or sewerage system for multiple units under separate ownership will be issued only if the treatment works or sewerage system are under the sponsorship of a body politic as defined in R317-1-1.

B. Submission of Plans. Any person desiring a permit shall submit complete plans, specifications, and other pertinent documents covering the proposed construction to the Division for review. Liquid waste storage facilities at animal feeding operations must be designed and constructed in accordance with Table 2a - Criteria for Siting, Investigation, and Design of Liquid Waste Storage Facilities with a water depth greater than 2 feet; Table 2b - Criteria for Siting, Investigation, and Design of Liquid Waste Storage Facilities with a water depth of 2 feet or less; and Table 2c - Criteria for runoff ponds with a water depth of 2 feet of less and a storage period less than 90 days annually, contained in the U.S.D.A. Natural Resource Conservation Service (NRCS) Conservation Practice Standard, Waste Storage Facility, Code 313, dated August 2006. This rule incorporates by reference Tables 2a, 2b, and 2c in the August 2006 U.S.D.A. NRCS Conservation Practice Standard, Waste Storage Facility, Code 313.

C. Review of Plans. The Division shall review said plans and specifications as to their adequacy of design for the intended purpose and shall require such changes as are found necessary to assure compliance with pertinent parts of these rules.

D. Approval of Plans. Issuance of a construction permit shall be construed as approval of plans for the purposes of authorizing release of federal or state funds allocated for planning or construction purposes.

E. Permit Expiration. Construction permits shall expire one year after date of issuance unless substantial and continuous construction is under way. Upon application, construction permits may be extended on an individual basis provided application for such extension is made prior to the permit expiration date.

F. Exceptions.

1. Wastewater facilities that discharge to an existing sewer system and serve only units that are under single ownership, or serve multiple units under separate ownership where the wastewater facilities are under the sponsorship of the public sewer system to which they discharge. This exception does not apply to pumping stations having the installed capacity in excess of 1 million gallons per day (3,785 cubic meters per day).

2. Onsite Wastewater Disposal Systems. Construction plans and specifications for onsite wastewater disposal systems shall be submitted to the local health authority having jurisdiction and need not be submitted to the Division. Such devices, in any case, shall be constructed in accordance with rules for onsite wastewater disposal systems adopted by the Water Quality Board. Compliance with the rules shall be determined by an on-site inspection by the appropriate health authority.

3. Small Animal Waste (Manure) Lagoons and Runoff Ponds. Construction plans and specifications for small animal waste lagoons as defined in R317-6 (permitted by rule for ground water permits) need not be submitted to the Division if the design is prepared or certified by the U.S.D.A. Natural Resources Conservation Service (NRCS) in accordance with criteria provided for in the Memorandum of Agreement between the Division and the NRCS, and the construction is inspected by the NRCS. Compliance with these rules shall be determined by on-site inspection by the NRCS.

2.3 Compliance with Water Quality Standards. No person shall discharge wastes into waters of the state except in compliance with these rules and under circumstances which assure compliance with water quality standards in R317-2.

2.4 Operation of Wastewater Treatment Works. Wastewater treatment works shall be so operated at all times as to produce effluents meeting all requirements of these rules and otherwise in a manner consistent with adequate protection of public health and welfare. Complete daily records shall be kept of the operation of wastewater treatment works covered under R317-3 on forms approved by the Division and a copy of such records shall be forwarded to the Division at monthly intervals.

R317-1-3. Requirements for Waste Discharges.

3.1 Compliance With Water Quality Standards.

All persons discharging wastes into any of the waters of the State shall provide the degree of wastewater treatment determined necessary to insure compliance with the requirements of R317-2 (Water Quality Standards), except that the Board may waive compliance with these requirements for specific criteria listed in R317-2 where it is determined that the designated use is not being impaired or significant use improvement would not occur or where there is a reasonable question as to the validity of a specific criterion or for other valid reasons as determined by the Board.

3.2 Compliance With Secondary Treatment Requirements.

All persons discharging wastes from point sources into any of the waters of the State shall provide treatment processes which will produce secondary effluent meeting or exceeding the following effluent quality standards.

A. The arithmetic mean of BOD values determined on effluent samples collected during any 30-day period shall not exceed 25 mg/l, nor shall the arithmetic mean exceed 35 mg/l during any 7-day period. In addition, if the treatment plant influent is of domestic or municipal sewage origin, the BOD values of effluent samples shall not be greater than 15% of the BOD values of influent samples collected in the same time period. As an alternative, if agreed to by the person discharging wastes, the following effluent quality standard may be established as a requirement of the discharge permit and must be met: The arithmetic mean of CBOD values determined on effluent samples collected during any 30-day period shall not exceed 20 mg/l nor shall the arithmetic mean exceed 30 mg/l during any 7-day period. In addition, if the treatment plant influent is of domestic or municipal sewage origin, the CBOD values of effluent samples shall not be greater than 15% of the CBOD values of influent samples collected in the same time period.

B. The arithmetic mean of SS values determined on effluent samples collected during any 30-day period shall not exceed 25 mg/l, nor shall the arithmetic mean exceed 35 mg/l during any 7-day period. In addition, if the treatment plant influent is of domestic or municipal sewage origin, the SS values of effluent samples shall not be greater than 15% of the SS values of influent samples collected in the same time period.

C. The geometric mean of total coliform and fecal coliform bacteria in effluent samples collected during any 30-day period shall not exceed either 2000 per 100 ml or 200 per 100 ml respectively, nor shall the geometric mean exceed 2500 per 100 ml or 250 per 100 ml respectively, during any 7-day period; or, the geometric mean of E. coli bacteria in effluent samples collected during any 30-day period shall not exceed 126 per 100 ml nor shall the geometric mean exceed 158 per 100 ml respectively during any 7-day period. Exceptions to this requirement may be allowed by the Board where domestic wastewater is not a part of the effluent and where water quality standards are not violated.

D. The effluent values for pH shall be maintained within the limits of 6.5 and 9.0.

E. Exceptions to the 85% removal requirements may be allowed where infiltration makes such removal requirements infeasible and where water quality standards are not violated.

F. The Board may allow exceptions to the requirements of (A), (B) and (D) above where the discharge will be of short duration and where there will be of no significant detrimental affect on receiving water quality or downstream beneficial uses.

G. The Board may allow that the BOD5 and TSS effluent concentrations for discharging domestic wastewater lagoons shall not exceed 45 mg/l for a monthly average nor 65 mg/l for a weekly average provided the following criteria are met:

1. The lagoon system is operating within the organic and hydraulic design capacity established by R317-3,

2. The lagoon system is being properly operated and maintained,

3. The treatment system is meeting all other permit limits,

4. There are no significant or categorical industrial users (IU) defined by 40 CFR Part 403, unless it is demonstrated to the satisfaction of the Executive Secretary to the Utah Water Quality Board that the IU is not contributing constituents in concentrations or quantities likely to significantly effect the treatment works,

5. A Waste Load Allocation (WLA) indicates that the increased permit limits would not impair beneficial uses of the receiving stream.

3.3 Extensions To Deadlines For Compliance.

The Board may, upon application of a waste discharger, allow extensions to the compliance deadlines in Section 1.3.2 above where it can be shown that despite good faith effort, construction cannot be completed within the time required.

3.4 Pollutants In Diverted Water Returned To Stream.

A user of surface water diverted from waters of the State will not be required to remove any pollutants which such user has not added before returning the diverted flow to the original watercourse, provided there is no increase in concentration of pollutants in the diverted water. Should the pollutant constituent concentration of the intake surface waters to a facility exceed the effluent limitations for such facility under a federal National Pollutant Discharge Elimination System permit or a permit issued pursuant to State authority, then the effluent limitations shall become equal to the constituent concentrations in the intake surface waters of such facility. This section does not apply to irrigation return flow.

R317-1-4. Utilization and Isolation of Domestic Wastewater Treatment Works Effluent.

4.1 Untreated Domestic Wastewater. Untreated domestic wastewater or effluent not meeting secondary treatment standards as defined by these regulations shall be isolated from all public contact until suitably treated. Land disposal or land treatment of such wastewater or effluent may be accomplished by use of an approved total containment lagoon as defined in R317-3 or by such other treatment approved by the Board as being feasible and equally protective of human health and the environment.

4.2 Use of Secondary Effluent at Plant Site. Secondary effluent may be used at the treatment plant site in the following manner provided there is no cross-connection with a potable water system:

A. Chlorinator injector water for wastewater chlorination facilities, provided all pipes and outlets carrying the effluent are suitably labeled.

B. Water for hosing down wastewater clarifiers, filters and related units, provided all pipes and outlets carrying the effluent are suitably labeled.

C. Irrigation of landscaped areas around the treatment plant from which the public is excluded.

R317-1-5. Use of Industrial Wastewaters.

5.1 Use of industrial wastewaters (not containing human pathogens) shall be considered for approval by the Board based on a case-specific analysis of human health and environmental concerns.

R317-1-6. Disposal of Domestic Wastewater Treatment Works Sludge.

6.1 General. No person shall use, dispose, or otherwise manage sewage sludge through any practice for which pollutant limits, management practices, and operational standards for pathogens and vector attraction reduction requirements are established in 40 CFR 503, July 1, 1994, except in accordance with such requirements.

6.2 Permit. All treatment works producing, treating and disposing of sewage sludge must comply with applicable permit requirements at R317-3, 6 and 8.

6.3 Septic Tank Contents. The dumping or spreading of septic tank contents is prohibited except in conformance with 40 CFR 503 and R317-550-7.

6.4 Effective Date. Notwithstanding the effective date for incorporation by reference of 40 CFR 503 provided in R317-8-1.10(9), those portions of 40 CFR 503 specified in R317-1-6.1 and 6.3 are effective immediately.

R317-1-7. TMDLs.

The following TMDLs are approved by the Board and hereby incorporated by reference into these rules:

7.1 Bear River -- December 23, 1997
7.2 Chalk Creek -- December 23, 1997
7.3 Otter Creek -- December 23, 1997
7.4 Little Bear River -- May 23, 2000
7.5 Mantua Reservoir -- May 23, 2000
7.6 East Canyon Creek -- September 1, 2000
7.7 East Canyon Reservoir -- September 1, 2000
7.8 Kents Lake -- September 1, 2000
7.9 LaBaron Reservoir -- September 1, 2000
7.10 Minersville Reservoir -- September 1, 2000
7.11 Puffer Lake -- September 1, 2000
7.12 Scofield Reservoir -- September 1, 2000
7.13 Onion Creek (near Moab) -- July 25, 2002
7.14 Cottonwood Wash -- September 9, 2002
7.15 Deer Creek Reservoir -- September 9, 2002
7.16 Hyrum Reservoir -- September 9, 2002
7.17 Little Cottonwood Creek -- September 9, 2002
7.18 Lower Bear River -- September 9, 2002
7.19 Malad River -- September 9, 2002
7.20 Mill Creek (near Moab) -- September 9, 2002
7.21 Spring Creek -- September 9, 2002
7.22 Forsyth Reservoir -- September 27, 2002
7.23 Johnson Valley Reservoir -- September 27, 2002
7.24 Lower Fremont River -- September 27, 2002
7.25 Mill Meadow Reservoir -- September 27, 2002
7.26 UM Creek -- September 27, 2002
7.27 Upper Fremont River -- September 27, 2002
7.28 Deep Creek -- October 9, 2002
7.29 Uinta River -- October 9, 2002
7.30 Pineview Reservoir -- December 9, 2002
7.31 Browne Lake -- February 19, 2003
7.32 San Pitch River -- November 18, 2003
7.33 Newton Creek -- June 24, 2004
7.34 Panguitch Lake -- June 24, 2004
7.35 West Colorado -- August 4, 2004
7.36 Silver Creek -- August 4, 2004
7.37 Upper Sevier River -- August 4, 2004
7.38 Lower and Middle Sevier River -- August 17,2004
7.39 Lower Colorado River -- September 20, 2004
7.40 Upper Bear River -- August 4, 2006
7.41 Echo Creek -- August 4, 2006
7.42 Soldier Creek -- August 4, 2006

7.43 East Fork Sevier River -- August 4, 2006
7.44 Koosharem Reservoir -- August 4, 2006
7.45 Lower Box Creek Reservoir -- August 4, 2006
7.46 Otter Creek Reservoir -- August 4, 2006
7.47 Thistle Creek -- July 9, 2007
7.48 Strawberry Reservoir -- July 9, 2007
7.49 Matt Warner Reservoir -- July 9, 2007
7.50 Calder Reservoir -- July 9, 2007
7.51 Lower Duchesne River -- July 9, 2007
7.52 Lake Fork River -- July 9, 2007

R317-1-8. Penalty Criteria for Civil Settlement Negotiations.

8.1 Introduction. Section 19-5-115 of the Water Quality Act provides for penalties of up to $10,000 per day for violations of the act or any permit, rule, or order adopted under it and up to $25,000 per day for willful violations. Because the law does not provide for assessment of administrative penalties, the Attorney General initiates legal proceedings to recover penalties where appropriate.

8.2 Purpose And Applicability. These criteria outline the principles used by the State in civil settlement negotiations with water pollution sources for violations of the UWPCA and/or any permit, rule or order adopted under it. It is designed to be used as a logical basis to determine a reasonable and appropriate penalty for all types of violations to promote a more swift resolution of environmental problems and enforcement actions.

To guide settlement negotiations on the penalty issue, the following principles apply: (1) penalties should be based on the nature and extent of the violation; (2) penalties should at a minimum, recover the economic benefit of noncompliance; (3) penalties should be large enough to deter noncompliance; and (4) penalties should be consistent in an effort to provide fair and equitable treatment of the regulated community.

In determining whether a civil penalty should be sought, the State will consider the magnitude of the violations; the degree of actual environmental harm or the potential for such harm created by the violation(s); response and/or investigative costs incurred by the State or others; any economic advantage the violator may have gained through noncompliance; recidivism of the violator; good faith efforts of the violator; ability of the violator to pay; and the possible deterrent effect of a penalty to prevent future violations.

8.3 Penalty Calculation Methodology. The statutory maximum penalty should first be calculated, for comparison purposes, to determine the potential maximum penalty liability of the violator. The penalty which the State seeks in settlement may not exceed this statutory maximum amount.

The civil penalty figure for settlement purposes should then be calculated based on the following formula: CIVIL PENALTY = PENALTY + ADJUSTMENTS - ECONOMIC AND LEGAL CONSIDERATIONS

PENALTY: Violations are grouped into four main penalty categories based upon the nature and severity of the violation. A penalty range is associated with each category. The following factors will be taken into account to determine where the penalty amount will fall within each range:

A. History of compliance or noncompliance. History of noncompliance includes consideration of previous violations and degree of recidivism.

B. Degree of willfulness and/or negligence. Factors to be considered include how much control the violator had over and the foreseeability of the events constituting the violation, whether the violator made or could have made reasonable efforts to prevent the violation, whether the violator knew of the legal requirements which were violated, and degree of recalcitrance.

C. Good faith efforts to comply. Good faith takes into account the openness in dealing with the violations, promptness in correction of problems, and the degree of cooperation with the State.

Category A - $7,000 to $10,000 per day. Violations with high impact on public health and the environment to include:

1. Discharges which result in documented public health effects and/or significant environmental damage.

2. Any type of violation not mentioned above severe enough to warrant a penalty assessment under category A.

Category B - $2,000 to $7,000 per day. Major violations of the Utah Water Pollution Control Act, associated regulations, permits or orders to include:

1. Discharges which likely caused or potentially would cause (undocumented) public health effects or significant environmental damage.

2. Creation of a serious hazard to public health or the environment.

3. Illegal discharges containing significant quantities or concentrations of toxic or hazardous materials.

4. Any type of violation not mentioned previously which warrants a penalty assessment under Category B.

Category C - $500 to $2,000 per day. Violations of the Utah Water Pollution Control Act, associated regulations, permits or orders to include:

1. Significant excursion of permit effluent limits.

2. Substantial non-compliance with the requirements of a compliance schedule.

3. Substantial non-compliance with monitoring and reporting requirements.

4. Illegal discharge containing significant quantities or concentrations of non toxic or non hazardous materials.

5. Any type of violation not mentioned previously which warrants a penalty assessment under Category C.

Category D - up to $500 per day. Minor violations of the Utah Water Pollution Control Act, associated regulations, permits or orders to include:

1. Minor excursion of permit effluent limits.

2. Minor violations of compliance schedule requirements.

3. Minor violations of reporting requirements.

4. Illegal discharges not covered in Categories A, B and C.

5. Any type of violations not mentioned previously which warrants a penalty assessment under category D.

ADJUSTMENTS: The civil penalty shall be calculated by adding the following adjustments to the penalty amount determined above: 1) economic benefit gained as a result of non-compliance; 2) investigative costs incurred by the State and/or other governmental levels; 3) documented monetary costs associated with environmental damage.

ECONOMIC AND LEGAL CONSIDERATIONS: An adjustment downward may be made or a delayed payment schedule may be used based on a documented inability of the violator to pay. Also, an adjustment downward may be made in consideration of the potential for protracted litigation, an attempt to ascertain the maximum penalty the court is likely to award, and/or the strength of the case.

8.4 Mitigation Projects. In some exceptional cases, it may be appropriate to allow the reduction of the penalty assessment in recognition of the violator's good faith undertaking of an environmentally beneficial mitigation project. The following criteria should be used in determining the eligibility of such projects:

A. The project must be in addition to all regulatory compliance obligations;

B. The project preferably should closely address the environmental effects of the violation;

C. The actual cost to the violator, after consideration of tax benefits, must reflect a deterrent effect;

D. The project must primarily benefit the environment rather than benefit the violator;

E. The project must be judicially enforceable;

F. The project must not generate positive public perception for violations of the law.

8.5 Intent Of Criteria/Information Requests. The criteria and procedures in this section are intended solely for the guidance of the State. They are not intended, and cannot be relied upon to create any rights, substantive or procedural, enforceable by any party in litigation with the State.

R317-1-9. Electronic Submissions and Electronic Signatures.

(a) Pursuant to the authority of Utah Code Ann. Subsection 46-4-501(a), the submission of Discharge Monitoring Reports and related information may be conducted electronically through the EPA's NetDMR program, provided the requirements of subsection (b) are met.

(b) A person may submit Discharge Monitoring Reports and related information only after (1) completion of a Subscriber Agreement in a form designated by the Executive Secretary to ensures that all requirements of 40 CFR 3, EPA's Cross - Media Electronic Reporting Regulation (CROMERR) are met; and (2) completion of subsequent steps specified by EPA's CROMERR, including setting up a subscriber account.

(c) The Subscriber Agreement will continue until terminated by its own terms, until modified by mutual consent or until terminated with 60 days written notice by any party.

(d) Any person who submits a Discharge Monitoring Report or related information under the NetDMR program, and who electronically signs the report or related information, is, by providing an electronic signature, making the following certification: "I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations."

KEY: water pollution, waste disposal, industrial waste, effluent standards
April 7, 2009 19-5
Notice of Continuation October 2, 2007

R317. Environmental Quality, Water Quality.
R317-3. Design Requirements for Wastewater Collection, Treatment and Disposal Systems.
R317-3-1. Technical and Procedural Requirements.

1.1. Scope of This Rule

A. General. This rule is intended to aid the logical development, from feasibility study, through startup, to operation of a wastewater collection, treatment and disposal project.

B. Authority. Construction and operating permits and approvals are issued pursuant to the provisions of Sections 19-5-104, 19-5-107 and 19-5-108. Violation of these permit(s) or approval(s) including compliance with the conditions thereof, or beginning of construction, or modification without the executive secretary's approval, is subject to the penalties provided in Section 19-5-115.

C. Applicability

1. This rule applies to:

a. communities, sewerage agencies, industries, and federal or state agencies (hereinafter referred to as the applicant), and

b. i. construction, installation, modification or operation of any treatment works or part thereof or any extension or addition thereto, or

ii. construction, installation, modification or operation of any establishment or any extension or modification or addition to it, the operation of which would probably result in a discharge.

2. The applicant must not advertise the project for bids and must not begin construction without receiving a construction permit.

D. Requirements

1. The design requirements in this rule are for collection, treatment and disposal of wastewater largely originating from domestic sources. These criteria are intended to be limiting values for items upon which an evaluation of such plans and specifications will be made and to establish, as far as practicable, uniformity of practice. This rule also provides for a mechanism to apply water pollution control research and recommendations for further evaluation by the design engineer.

2. Communities, and the engineering profession should discuss with the staff of the executive secretary possible combinations of wastewater treatment and disposal processes or situations not covered in detail by this rule.

E. Construction Permit and Approvals

1. When a Permit or an Approval is Issued. A construction permit or an approval is issued when the applicant has met all requirements of this rule, including any additional requirements of funding programs administered by the executive secretary. The applicant or the designee or the consultant should meet with the staff of the executive secretary to discuss the plan of study before undertaking extensive engineering studies for construction of treatment works. A permit for construction of a new treatment works or a sewerage system, or modifications to an existing treatment works or sewerage system for multiple units under separate ownership will be issued only if the treatment works or sewerage system are under the sponsorship of a body politic as defined in R317-1-1.

2. Variance. The executive secretary may grant a variance from the minimum requirements stated in this rule, subject to site-specific consideration and justification, but not overriding safeguarding of public health or protection of water quality or engineering practice. The applicant must submit pertinent and relevant material in support of a variance from the minimum requirements.

3. Limitations

a. The issuance of a construction permit does not relieve in any way the applicant of the obligation to obtain other approvals and permits, i.e., ground water discharge permit, clearances etc., from other agencies which may have jurisdiction over the project.

b. The permit will expire at the end of one year from the date of issuance if the approved project is not under substantial construction. Plans and specifications must be resubmitted for review and reissuance of the expired permit.

F. Operating Permits

1. Scope

Permits are issued to any wastewater treatment works covered under R317-3 with the following exceptions:

a. Any wastewater treatment permitted under Ground Water Quality Protection R317-6.

b. Any wastewater treatment permitted under Underground Injection Control (UIC) Program R317-7.

c. Any wastewater treatment permitted under Utah Pollutant Discharge Elimination System (UPDES) R317-8.

d. Any wastewater treatment permitted under Approvals and Permits for a Water Reuse Project R317-13.

2. Facilities requiring operating permits that treat domestic waste will typically be issued a general permit rather than individual permits. General permits may be issued, modified, revoked and reissued, or terminated in accordance with applicable requirements of R317-8-5 and R317-8-6. General permits shall be effective for a fixed term not to exceed 5 years.

3. Facilities requiring operating permits that treat non-domestic waste will be issued individual permits. Individual permits may be issued, modified, revoked and reissued, or terminated in accordance with applicable requirements of R317-8-5 and R317-8-6. Individual permits shall be effective for a fixed term not to exceed 5 years.

4. Application requirements.

a. Facilities currently in operation shall submit to the Executive Secretary a written notice of intent to be covered by the general permit or by an individual permit no later than January 1, 2010. New facilities must submit a written notice of intent prior to commencing operation. A facility that fails to submit a notice of intent in accordance with the terms of the permit is not authorized to operate.

b. The notice of intent shall include:

i. the legal name and address of the owner.

ii. the facility name and address.

iii. design flow, actual flow, and type of waste treated.

iv. disposal method, effluent quality (if applicable).

v. location of nearest public drinking water well.

vi. diagram of system showing major components.

5. Requirements for recording and reporting monitoring results. All permits shall specify:

a. Requirements concerning the proper use, maintenance, and installation, when appropriate, of monitoring equipment or methods, (including biological monitoring methods when appropriate);

b. Required monitoring including type, intervals, and frequency sufficient to yield data which are representative of the monitored activity including, when appropriate, continuous monitoring;

c. Reporting shall be monthly in accordance with R317-1-2.4.

G. Definitions

1. The annual average daily rate of flow is defined as:

a. an average of daily rates of flow over a period of not less than one year; or

b. the rate of flow equal to or greater than 50 percent of the daily flow rate data.

2. The average design rate of flow or the average peak-monthly rate of flow is defined as:

a. a moving average of daily rates of flow over a thirty consecutive days; or over a period of month whichever produces a higher rate of flow; or

b. the rate of flow equal to or greater than 92 percent of the daily flow rate data.

3. The maximum design rate of flow or peak-daily rate of flow is defined as:

a. the maximum rates of flow over a 24 hour period; or

b. the rate of flow equal to or greater than 99.7 percent of the daily flow data.

4. The peak design rate of flow or peak-hourly rate of flow is defined as:

a. the maximum rate of flow over a 60-minute period; or

b. the rate of flow equal to or greater than 99.9 percent of the daily flow data.

5. The minimum daily rate of flow is defined as the minimum rate of flow over a twenty-four hour period.

6. Industrial waste flow is defined as the maximum rate of flow for each of industries tributary to the sewer system.

7. Other Definitions. Other definition of terms and their use in this rule is intended to be in accordance with:

a. R317-1 (Definitions and General Requirements), and

b. Glossary - Water and Wastewater Control Engineering, jointly prepared by American Public Health Association (APHA), American Society of Civil Engineers (ASCE), American Water Works Association (AWWA), and Water Pollution Control Federation (WPCF).

8. Units of Expression The units of expression used are in accordance with those recommended in WPCF Manual of Practice Number 6, Units of Expression for Wastewater Treatment.

9. Terms

a. The term shall is used where practice is standardized to permit specific delineation of requirements or where safeguarding of the public health or protection of water quality justifies such definite action.

b. Other terms, such as should, recommended, preferred, indicate desirable procedures or methods, with deviations subject to individual consideration and justification, but not overriding safeguarding of public health or protection of water quality or engineering practice.

c. Desirable procedures or methods may be mandatory requirements for projects using state or federal funds.

1.2. Engineering Report

A. The Scope of the Report

1. The applicant or the applicant's consulting engineer should submit an engineering report to the executive secretary at least 60 days before the date when action by the executive secretary is desired. The report shall be prepared under the direction of a registered professional engineer licensed to practice in the State of Utah. The report must establish the need, scope, basis and viability for:

a. all projects involving innovative treatment and disposal processes, and

b. collection and pumping systems handling flows in excess of 1 million gallons per day (3,785 cubic meters per day).

2. The documents submitted for formal approval should include all pertinent and relevant material to aid in the review of the submitted reports.

B. What is Required in the Report

1. The magnitude and complexity of the project will determine the scope of the report.

2. The report must provide basic information; criteria and assumptions; evaluation of alternate projects, with preliminary layouts and cost estimates; assessment of environmental factors; financing methods, anticipated charges for users; organizational and staffing requirements; conclusions or recommendations with a proposed project for consideration; and an outline of official actions and procedures required to implement the project.

3. The report should detail various concepts (including process description and sizing), factual data, and controlling assumptions and considerations for the functional planning of sewerage facilities. These data form the continuing technical basis for the detailed design and preparation of construction plans and specifications.

4. The report should include preliminary architectural, structural, mechanical, and electrical designs, sketches and outline specifications of process units, special equipment, etc.

5. The applicant or the consultant must address specific program and funding requirements in the report.

6. A detailed topical outline is available from the division.

C. Supplemental Requirements for Lagoons and Land Application. The engineer's report shall contain pertinent information on location, geology, hydrology, hydrogeology, soil conditions, area for expansion and any other factors that will affect the feasibility and acceptability of the proposed lagoon and land application projects.

1. Project Location. The engineer's report shall include on a 7.5-minute US Geological Survey topographic map showing the following within two mile (3.22 kilometers) radius of the proposed project site:

a. the location and direction of all residences, commercial developments, parks, recreational areas, land requirements for future additional treatment units and increased waste loadings, and land use zoning of area;

b. elevations and contours of the site and adjacent area;

c. watercourses and water supplies (including a log of each well, unless waived by the executive secretary);

d. location, depth, and discharge point of any field tile in the immediate area of the proposed site;

e. buffer zones;

f. limits of all flood plains, public drinking water supply watersheds and inland wetlands; and

g. natural site drainage zones.

2. Soil Borings and Geology. The applicant must determine representative subsurface soil characteristics and geology of the project site using a number of soil borings logged by an independent soil testing laboratory. At least one boring shall be a minimum of 25 feet (7.6 meters) in depth or into bedrock, whichever is shallower. The borings shall be filled and sealed. The report must address the following items as a minimum:

a. depth, type and texture of soil, all confirmed field data by the Soil Conservation Service (US Department of Agriculture);

b. hydraulic conductivity of the project site or the lagoon bottom as determined in the field, and lagoon bottom materials;

c. soil chemical properties such as, pH, nutrient levels, cation exchange capacity, etc.;

d. depth to bedrock;

e. bedrock type;

f. geologic discontinuities - faults, fractures, sinkholes;

g. jointing and permeability of rock.

3. Ground Water Issues

a. ground water depth confirmed by field investigations, for various seasons, including data from the period between March and May;

b. location of perched water tables;

c. ground water contours;

d. direction of ground water movement and flow;

e. ground water points of discharge;

f. available analyses of site ground water quality and drinking water wells in the vicinity, including but not limited to: coliform bacteria, pH, nitrates, total nitrogen, chlorides, sulfates, and total hardness;

g. a description of the depth and type of all water supply wells within two-mile (3.22 kilometers) radius of the proposed project site;

h. ground water monitoring needs using a system of wells or lysimeters around the perimeter of the project site; and

i. compliance with the requirements of R317-6 (Ground Water Quality Protection Rules) including securing a ground water discharge permit.

4. Climate Data

a. total precipitation for each month;

b. mean number of days per year with temperatures less than or equal to 32 degrees Fahrenheit (0 degree Centigrade);

c. wind velocities and direction;

d. evapotranspiration data.

D. Reports on Supplementary Investigations. Reports on soils, foundation, geological and hydrogeological investigations must be submitted by the applicant or the consultant, to the executive secretary. These reports are supplementary to a proposal, predesign or design report, plans and specifications for all projects. The reports must focus on any existing site conditions which may affect feasibility or constructibility of the project. If such problems do exist, mitigative and remedial measures thereto must be recommended by the applicant's consultant. The basis of conclusions reached should be supported with relevant and detailed information, graphically and narratively. The recommendations must be incorporated in the design.

1.3. Predesign Report

A. A predesign report must be prepared for the projects designed to:

1. treat domestic sewage flow in excess of 5 million gallons per day (18,900 cubic meters per day); or

2. incorporate emerging, innovative and alternative technologies.

B. The report must be submitted for review and approval by the division. The report shall include a summary of process design criteria, the basis of design, process and hydraulic profiles, outline of all appurtenant facilities, and supporting information.

C. Approval of a predesign report represents an agreement-in-principle subject to receipt, review and approval of satisfactory engineering plans and specifications. Such agreement-in-principle will be modified or revised in light of new information that may become available later. Also, an approval of prefinal documents is not an authorization to advertise the project for bids or to begin construction; but allows the applicant to proceed with preparing final engineering drawings and specifications.

1.4. Construction Plans

A. General. A complete set of construction drawings covering all disciplines shall be submitted for review in fulfillment of the requirements of this rule. The size, complexity and nature of the project will determine the extent of involvement of various disciplines. Such disciplines are, but not necessarily limited to, Civil, Structural, Mechanical, Architectural, Mechanical, Electrical, Geotechnical, Instrumentation, Heating, Ventilating and Air Conditioning etc. All designs shall be in accordance with the requirements of applicable local, state and federal rules or regulations, the latest recognized practice standards including the Uniform Building Code, the National Electrical Code, the Uniform Mechanical Code, the Uniform Plumbing Code and other industry standards. The plans shall be clear, legible and suitable for microfilming or image processing.

1. Standard Information

a. Plans shall show a suitable project title, the name of municipality, sewer district, sewerage agency, sponsoring institution or industry, current revision date, and the name of engineer in charge of the project, engineer's registration number, an imprint of registration seal and signature.

b. Plans shall be drawn to a scale which will permit all necessary information to be plainly shown. Numerical and graphical scales in foot-pound-second (FPS or English) system shall be shown. The use of the international system (metric or MKS or meter-kilogram-second) of units is encouraged.

c. All plan views shall indicate a north point, preferably in a standardized direction. A suitable geographical reference for the project shall also be shown. Topographical and elevation data should be presented on a recognized standard datum. Such datum should be clearly indicated.

2. Vicinity and Location Plans. A large scale vicinity map should be provided for a suitable geographical reference to the project. It should also indicate vehicular access to the project.

3. General Site Work Plans.

a. A site plan showing the project lay out should be included to establish a reference to the existing features. Similarly, a reduced-scale site or key plan should be drawn on all drawings to provide the context of work shown on the drawing to the site.

b. For the entire project site, information shall be provided on topography, survey data, location of test borings, limits of work, staging area for contractors, areas of project related site work, and other work that may overlap the areas of concentrated work activities. Information shall be compiled to the extent practicable on utility locations, above and below ground utilities which might interfere with the proposed construction, particularly water mains, gas mains, storm drains, and telephone and power conduits, outside piping, all known existing structures, security improvements, roads, signage, lighting, and other site improvements. Compiled information should be shown on plans.

4. Detailed Plans. Construction to be performed in areas of concentrated work such as individual installations, buildings, rooms or assemblies shall be shown on the detailed plans. Such plans shall show plan views, elevations, sections and supplementary views which, together with the specifications and general layouts, provide the working information for the contract and construction of the works. They shall also include detailed design data in all applicable disciplines, dimensions and relative elevations of structures, the location and outline form of equipment, location size of piping, water levels, water surface and hydraulic profiles, and ground elevations.

B. Plans for Sewers. Construction plans are required to be submitted for projects involving new sewer systems. Projects for substantial additions to the existing systems are required to be submitted only in fulfillment of the requirements of the funding agency. These plans must detail the following information:

1. Geographical Features

a. Topography and elevations. Existing or proposed improvements, streets, the boundaries of all streams and water impoundments, and water surfaces shall be clearly shown. Contour lines at suitable intervals should be included.

b. Streams. The direction of flow in all natural or artificial streams, and high and low water elevations of all water surfaces at sewer outlets shall be shown.

2. Boundaries. The boundary lines of the municipality or the sewer district, and the area to be sewered, shall be shown.

3. Sewers. The plan shall show the location, size and direction of flow of all existing and proposed sanitary sewers draining to the treatment works concerned.

4. Plans and Profiles. Detailed plans and profiles shall be submitted. Profiles should have a horizontal scale of not more than 100 feet to the inch and vertical scale of not more than 10 feet to the inch. Plan views should be drawn to a corresponding horizontal scale and preferably be shown on the same sheet. Plans and profiles shall show:

a. Location of streets and sewers;

b. ground surface; size of pipe; length between manholes; manhole identifiers, such as numbers etc.; invert and surface elevation at each manhole; and grade of sewer between each two adjacent manholes;

c. the elevation and location of the basement floor on the profile of the sewer, showing feasibility to serve adjacent basements except where otherwise noted on the plans; and

d. Locations of all special features such as inverted

siphons, concrete encasements, elevated sewers, special construction to implement proper separation from water mains etc.

5. Detailed drawings, made to a scale to clearly show the nature of the design, shall be furnished to show the following particulars:

a. all stream crossings and sewer outlets, with elevations of the stream bed and of normal and extreme high and low water levels;

b. details of all special sewer joints, pipeline construction or installation, and cross-sections; and

c. details of all sewer appurtenances such as manholes, inspection chambers, inverted siphons, regulators, flow measurement or control stations and elevated sewers.

C. Plans for Pumping Stations. Construction plans shall be submitted for construction or modifications of pumping stations having the installed capacity in excess of 1 million gallons per day (3,785 cubic meters per day). These plans must detail the following information besides vicinity, site and location, and engineering information required:

1. Vicinity, Site and General Site Work Plans

a. the location and extent of the tributary area;

b. any municipal boundaries within the tributary area;

c. the location of the pumping station and force main, and pertinent elevations; and

d. availability of power sources, including alternative sources.

2. Detailed Plans. Detailed plans shall be submitted showing the following:

a. topography of the site with all pertinent elevations;

b. soils or foundation report;

c. existing pumping station with all adjacent improvements;

d. proposed pumping station, including provisions for installation of future pumps or ejectors, emergency power generation, and other reliability features;

e. maximum hydraulic gradient including calculations in downstream gravity sewers when all installed pumps are in operation; and

f. elevation of high water at the site, and maximum elevation of sewage in the collection system upon occasion of power failure.

D. Plans for Treatment Plants. Construction plans shall be submitted for construction or modifications of treatment plants. These plans must detail the following information besides vicinity, site and location, and engineering information required:

1. Location Plan. A plan shall be submitted showing the treatment plant in relation to the remainder of the system.

2. General Layout. Layouts of the proposed treatment plant shall be submitted, showing:

a. topography of the site;

b. size and location of plant structures, and adjacent improvements;

c. schematic flow diagram(s), including mass balance, showing the flow through various plant units, and showing utility systems serving the plant processes;

d. outside or yard piping, including any arrangements for bypassing individual units (Materials handled and direction of flow through pipes shall be shown.); and

e. hydraulic profiles, including calculations, showing the flow of the major liquid or solid process streams including raw or treated sewage, supernatant liquor, scum and sludge.

3. Detailed Plans. Detailed plans shall show the following:

a. location, dimensions, and elevations of all existing and proposed plant facilities;

b. elevations of a 100-year water level of the body of water to which the plant effluent is to be discharged;

c. type, size, pertinent features, and operating capacity of all pumps, blowers, motors, and other mechanical devices;

d. schematics, sectional or isometric views of all process and utility piping not shown on the General Site Work Plans;

e. hydraulic profile at the minimum, average, and maximum rate of flow; and

f. description of any features not otherwise covered by other drawings or specifications or engineer's report.

1.5. Technical Specifications. Complete technical specifications for the construction of sewers, pumping stations, treatment plants, and all other appurtenances, shall accompany the plans. The specifications accompanying construction drawings shall include all construction information not shown on the drawings which is necessary to inform the builder in detail of the design requirements for the quality of materials, workmanship and fabrication of the project. They shall also include: the type, size strength, operating characteristics, and rating of equipment; allowable infiltration; the complete requirements for all mechanical and electrical equipment, including machinery, valves, piping, and jointing of pipe; electrical apparatus, wiring, instrumentation, and meters; laboratory fixtures and equipment; operating tools, construction materials; special filter materials, such as, stone, sand, gravel, or slag; miscellaneous appurtenances; chemicals when used; instructions for testing materials and equipment as necessary to meet design standards; and performance tests for the completed work and component units. Performance tests must be conducted at design load conditions wherever practical.

1.6. Revisions to the Approved Plans and Specifications. Any changes, such as addenda, change orders, field change etc., to the approved plans or specifications affecting capacity, flow, operation of units, or point or quality of discharge shall be submitted for review and approval before any such change is made in either contract documents or construction. Plans or specifications proposed to be so revised must, therefore, be submitted at least 30 days in advance of any construction work which will be affected by such changes to permit sufficient time for review and approval. Changes under emergency conditions may be communicated verbally, and then submitted in writing. Structural revisions or other minor changes not affecting capacities, flows, or operation are to be permitted during construction without approval.

1.7. Construction Supervision. The applicant must demonstrate that adequate and competent inspection will be provided during construction. It is the responsibility of the applicant to provide frequent and comprehensive inspection of the project.

1.8. Plan of Operation

A. Submittal. A plan of operation must be prepared at the mid-point of construction, but no later than at the time of 80 percent completion of construction, unless waived by the executive secretary on the basis of funding program requirements, and the scope and the complexity of the project.

B. Contents of the Plan. The plan of operation must provide a concise, sequential description of and implementation schedule for the following activities:

1. hiring and training of operators;
2. start-up schedules and services;
3. safety programs, plans and procedures;
4. emergency operations procedures and plan;
5. process monitoring program;
6. laboratory and testing services;
7. user charge and pretreatment program, necessary to assure cost-effective, efficient and reliable startup and operation of the facility, future expansion and upgrade; and
8. maintenance of water quality and public health.

1.9. Operation and Maintenance Manual

A. Submittal. A draft of the manual must be submitted at the mid-point of construction, unless waived by the executive secretary on the basis of funding program requirements, and the

scope and the complexity of the project. Final draft must be submitted for review and approval, no later than at the 90 percent stage of construction in the final form or 30 days prior to startup, whichever occurs first.

B. Contents of the Manual

1. The manual presents procedures to facilitate operation and maintenance of the plant under all conditions, technical guidance for troubleshooting, and requirements for compliance with the permits and approvals issued. The manual must address the needs of the system being employed and must be directed toward the level of training required of the operating staff.

2. The manual must include all information pertinent for the facilities besides information from manufacturers' catalogs or brochures.

1.10. Start-up

A. Certificate of Completion. The engineer in charge of construction management or inspection of the approved project or facilities shall submit a certificate, bearing the seal of the professional engineer, to the effect that the facilities were constructed in accordance with approved plans, specifications, addenda and change orders to the owner with a copy thereof to the division.

B. Authorization to Operate. The applicant will request a final inspection the division upon receipt of the certificate of completion. No facilities may be placed in service before the final inspection by the division, and authorization to operate the facility is issued in writing by the executive secretary.

C. As-built or Record Drawings.

1. Within 30 days of acceptance by the owner of wastewater or industrial waste facilities from the contractor, a copy of such acceptance must be submitted to the division for record.

2. As-built or record drawings clearly showing the as-built project shall be submitted to the executive secretary within 120 days after the completion of the construction of the approved project or facilities.

1.11. Operation During Construction

A. Construction-related Bypass. Operation of all existing sewers, pump stations, and treatment plants must continue without interruption during the construction of new facilities or modification of existing facilities. Therefore, bypassing will not be allowed except under extenuating circumstances. If this is not possible and construction will result in the discharge of partially treated and untreated sewage into the surface waters of the state, an approval for such a discharge shall be required from the executive secretary before such discharge occurs.

B. Request for a Construction-related Bypass. A formal request for the consideration of a construction-related bypass shall be submitted to the executive secretary by the permittee not less than 90 days prior to the date of proposed bypass initiation. Such request shall contain at least the following information:

1. a detailed description of the construction work to be performed which the owner has deemed warrants a bypass;

2. an analysis of all known alternatives which would eliminate or reduce the need for plant bypassing;

3. cost-benefit and effective analysis of alternatives, including an assessment of resource damages;

4. the minimum and maximum duration of bypassing under each alternative;

5. the applicant's preferred alternative for conducting the bypass;

6. the projected date of initiation of bypass.

C. Approval or Denial of a Construction-related Bypass

1. The request for a construction-related bypass will be approved or denied following a thorough review with due consideration of compliance with the discharge permit(s); water quality standards; and all known available and reasonable methods to abate water pollution.

2. An approval issued to permit bypass will contain all restrictions necessary to minimize the duration of bypassing. A denial determination will state the reasons for the denial and will direct the permittee to initiate a plan of action to implement an alternative to bypassing.

1.12. Innovative Processes Evaluation

A. Basic requirements. The executive secretary will consider the evaluation of innovative approaches to wastewater treatment in the interest of encouraging advances in technology, processes, equipment and material not covered by this rule, provided that:

1. a favorable recommendation has been made by a professional engineer licensed to practice in Utah, following his own evaluation of developmental processes or equipment or material, for a specific project;

2. the applicant has capital and technical resources to replace or modify developmental processes, equipment and material with conventional processes, equipment and material;

3. the risk incurred with the experimentation rests solely with the proponent of processes, equipment and material as evidenced by the written acknowledgement to the executive secretary; and

4. the applicant will replace the failed processes, equipment and material with a proven conventional processes, equipment and material as evidenced by the written acknowledgement to the executive secretary.

B. Approval Limitations

1. The executive secretary may approve developmental processes, equipment and material may be approved in the form of terms and conditions to a construction permit, when reliable operating data from full scale installations are not available. The term and conditions may include such as, but not necessarily limited to, demonstration period for a successful application, requirements to submit reports on the operation of the system during the experimental period.

2. The executive secretary may limit the number of approvals for the same developmental processes, equipment and material until reliable and valid operational experience is gained.

C. Evaluation Criteria. The evaluation of innovative processes will include the following factors:

1. anticipated performance of the system in full scale field conditions,

2. ability to consistently meet required effluent and water quality standards,

3. any evidence of equivalence to conventional technology,

4. the owner's ability to finance, and to operate and maintain the system with the level of expertise necessary, and

5. submission of process descriptions, schematics, reports, monitoring and performance data, costs, specific studies, bench scale test data and pilot plant test data, and any other information appropriate and necessary for the evaluation.

R317-3-2. Sewers.

2.1. General. Construction of a new sewer system project may not begin unless the applicant has submitted an engineering report detailing the design, and construction plans to the executive secretary for review and approval evidenced by a construction permit. The executive secretary will not normally review construction plans for extensions of the existing sewer systems to new areas or replacement of sanitary sewers in the existing sewer systems unless requested or required by state or federal funding programs. Rain water from roofs, streets, and other areas, and ground water from foundation drains must not be allowed to enter the sewer system through planning, design and construction quality assurance and control measures.

2.2. Basis of Design

A. Planning Period. Sewers should be designed for the

estimated ultimate tributary population or the 50-year planning period, whichever requires a larger capacity. The executive secretary may approve the design for reduced capacities provided the capacity of the system can be readily increased when required. The maximum anticipated capacity required by institutions, industrial parks, etc. must be considered in the design.

B. Sewer Capacity. The required sewer capacity shall be determined on the basis of maximum hourly domestic sewage flow; additional maximum flow from industrial plants; inflow; ground water infiltration; potential for sulfide generation; topography of area; location of sewage treatment plant; depth of excavation; and pumping requirements.

1. Per Capita Flow. New sewer systems shall be designed on the basis of an annual average daily rate of flow of 100 gallons per capita per day (0.38 cubic meter per capita per day) unless there are data to indicate otherwise. The per capita rate of flow includes an allowance for infiltration/inflow. The per capita rate of flow may be higher than 100 gallons per day (0.38 cubic meter per day) if there is a probability of large amounts of infiltration/inflow entering the system.

2. Design Flow

a. Laterals and collector sewers shall be designed for 400 gallons per capita per day (1.51 cubic meters per capita per day).

b. Interceptors and outfall sewers shall be designed for 250 gallons per capita per day (0.95 cubic meter per capita per day), or rates of flow established from an approved infiltration/inflow study.

c. The executive secretary will consider other rates of flow for the design if such basis is justified on the basis of supporting documentation.

C. Design Calculations. Detailed computations, such as the basis of design and hydraulic calculations showing depth of flow, velocity, water surface profiles, and gradients shall be submitted with plans.

2.3. Design and Construction Details

A. Minimum Size

1. No gravity sewer shall be of less than eight inches (20 centimeters) in diameter.

2. A 6-inch (15 centimeters) diameter pipe may be permitted when the sewer is serving only one connection, or if the applicant justifies the need for such diameter on the basis of supporting documentation.

B. Depth. Sewers should be sufficiently deep to receive sewage from basements and to prevent freezing. Insulation shall be provided for sewers that cannot be placed at a depth sufficient to prevent freezing.

C. Odor and Sulfide Generation. The design shall incorporate features to control and mitigate odor and sulfide generation in sewers. Such features may include steeper slope to achieve higher velocity, reaeration through induced turbulence, etc.

D. Slope

1. The pipe diameter and slope shall be selected to obtain velocities to minimize settling problems.

2. All sewers shall be designed and constructed to give mean velocities of not less than 2 feet per second (0.61 meter per second), when flowing full, based on Manning's formula using an n value of 0.013.

3. Sewers shall be laid with uniform slope between manholes.

4. Table R317-3-2.3(D)(4) shows the minimum slopes which shall be provided; however, slopes greater than these are desirable.

E. Flatter Slopes. Slopes flatter than those required for the 2-feet-per-second (0.61 meter per second)-velocity criterion when flowing full, may be permitted by the executive secretary provided that:

1. there is no other practical alternative;

2. the depth of flow is not less than 30 percent of the diameter at the average design rate of flow;

3. the design engineer has furnished with the report the computations showing velocity and depth of flow corresponding to the minimum, average and peak rates of flow for the present and design conditions in support of the request for variance; and

4. the operating authority of the sewer system submits a written acknowledgement of the ability to provide any additional sewer maintenance required by flatter slopes.

F. Steep Slopes

1. Where velocities greater than 15 feet per second (4.6 meters per second) are attained, special provision shall be made to protect against displacement by erosion and shock.

2. Sewers on 20 percent slopes or greater shall be anchored securely against lateral and axial displacement with suitable thrust blocks, concrete anchors or other equivalent restraints, spaced as follows:

a. Not over 36 feet (11 meters) center to center on grades 20 percent and up to 35 percent;

b. Not over 24 feet (7.3 meters) center to center on grades 35 percent and up to 50 percent;

c. Not over 16 feet (4.9 meters) center to center on grades 50 percent and over.

G. Alignment. Sewers 24 inches (61 centimeters) in diameter or less shall be laid with a straight alignment between manholes. The alignment shall be checked by either using a laser beam or lamping.

H. Changes in Pipe Size. When a smaller sewer joins a large one, the invert of the larger sewer should be lowered sufficiently to maintain the same energy gradient. An approximate method for securing these results is to place the 0.8 depth point of both sewers at the same elevation.

I. Materials

1. The material of pipe selected should be suitable for local conditions. The material of sewer pipe should be compatible with factors such as industrial wastewater characteristics, putrecibility, physical and chemical properties of adjacent soil, heavy external loading, etc.

2. The material of pipe must withstand superimposed loads without any damage. The design of trench widths and depths should allow for loads. Special bedding, concrete cradle or encasement, or other special construction may be used to withstand extraordinary superimposed loading.

2.4. Curved Sewers. Curved sewers are permitted only under circumstances where conventional sewer construction is not feasible. A conceptual approval must be obtained before beginning the design.

A. Design

1. The minimum radius of curvature shall be greater than 200 feet or one-half of the maximum deflection angle for the material of pipe allowed by the manufacturer.

2. The design n value for the sewer pipe shall be 0.018.

3. Only one horizontal curve in the sewer alignment will be allowed between manholes. No vertical curves shall be permitted.

4. Manhole spacing shall not exceed 400 feet (122 meters).

5. Manholes must be provided at the beginning and the end of a curved alignment (i.e. change in radius of curvature).

6. The design should consider increased erosion potential due to high velocities.

B. Other Requirements

1. Maintenance equipment shall be available at all times for inspection and cleaning.

2. Horizontal and vertical alignment of the sewer after the construction must be verified and certified by a registered professional engineer.

a. Accurate record or as-built drawings must be prepared showing the physical location of the pipe in the ground, and

submitted to the division in accordance with the requirements of R317-3-1.

2.5. Installation Requirements

A. Standards

1. The technical specifications shall require that installation be in accordance with the requirements based on the criteria, standards and procedures established by:

a. this rule;

b. recognized industry standards and practices as published in their technical publications;

c. the product manufacturer's recommendations and guidance;

d. Uniform Building Code, Uniform Plumbing Code, Uniform Mechanical Code and National Electrical Code;

e. American Society of Testing Materials;

f. American National Standards Institute; and

g. Occupational Safety and Health Administration (OSHA), US Department of Labor or its succeeding agencies.

2. Requirements shall be set forth in the specifications for the pipe and methods of bedding and backfilling thereof so as not to damage the pipe or its joints, impede cleaning operations and future tapping, nor create excessive side fill pressures or ovalation of the pipe, nor seriously impair flow capacity.

B. Identification of Sewer Lines. A clearly labelled tracer location tape shall be placed two feet above the top of sewer lines less than or equal to 24 inch (61 centimeters) in diameter, along its entire length.

C. Deflection Test

1. Deflection test shall be performed on all flexible pipes. The test shall be conducted after the final backfill has been in place at least 30 days.

2. No pipe shall show a deflection in excess of 5 percent.

3. If the deflection test is run using a rigid ball or mandrel, it shall have a diameter equal to 95 percent of the inside diameter of the pipe. The test shall be performed without mechanical pulling devices.

D. Joints and Infiltration

1. Joints. The installation procedures of joints and the materials to be used shall be included in the specifications. Sewer joints shall be designed to minimize infiltration and to prevent the entrance of roots throughout the life of the system.

2. Leakage Tests. Procedures for leakage tests shall be specified. This may include appropriate water or low pressure air testing. The leakage outward or inward (exfiltration or infiltration) shall not exceed 200 gallons per inch of pipe diameter per mile per day (0.19 cubic meter per centimeter of pipe diameter per kilometer per day) for any section of the system. An exfiltration or infiltration test shall be performed with a minimum positive head of 2 feet (0.61 meter). The air test, if used, shall, as a minimum, conform to the test procedure described in the American Society of Testing Materials standards. The testing methods selected should take into consideration the range in ground water elevations projected during the test.

E. Inspection

1. The specifications shall include requirements for inspection of manholes for water-tightness prior to placing in service, including television inspection.

2. Records of television inspection shall be retained for future reference.

2.6. Manholes

A. Location. Manholes shall be installed at:

1. the end of each line exceeding 150 feet (46 meters) in length;

2. all changes in grade, size, or alignment;

3. all intersections; and

4. distances not greater than:

a. 400 feet (120 meters) for sewers 15 inches (38 centimeters) or less; and

b. 500 feet (150 meters) for sewers 18 inches (46 centimeters) to 30 inches (76 centimeters).

5. Distances up to 600 feet (180 meters) may be approved in cases where adequate cleaning equipment for such spacing is provided.

6. Greater spacing may be permitted in larger sewers.

7. Cleanouts shall not be substituted for manholes nor installed at the end of lines greater than 150 feet (46 meters) in length.

B. Drop Type Manholes

1. A drop pipe should be provided for a sewer entering a manhole at an elevation of 24 inches (61 centimeters) or more above the manhole invert. Where the difference in elevation between the incoming sewer and manhole invert is less than 24 inches (61 centimeters), the invert should be filleted to prevent solids deposition.

2. Drop manholes should be constructed with an outside drop connection. If an inside drop connections is necessary, it shall be secured to the interior wall of the manhole and provide access for cleaning.

3. Due to the unequal earth pressures that would result from the backfilling operation in the vicinity of the manhole, the entire outside drop connection shall be encased in concrete.

C. Diameter. The minimum diameter of manholes shall be 48 inches (1.22 meters); larger diameter manholes are preferable for large diameter sewers. A minimum diameter of 22 inches (56 centimeters) shall be provided for safe access.

D. Flow Channel. The flow channel through manholes should be made to conform in shape and slope to that of the sewers. The depth of flow channels should be up to one-half to three-quarters of the diameter of the sewer. Adjacent floor area should drain to the channel with the minimum slope of 1 inch per foot (8.3 centimeters per meter).

E. Watertightness

1. Manholes shall be of the pre-cast concrete or poured-in-place concrete type. Manholes shall be waterproofed on the exterior.

2. Inlet and outlet pipes shall be joined to the manhole with a gasketed flexible watertight connection arrangement that allows differential settlement of the pipe and manhole wall to take place.

3. Watertight manhole covers shall be used wherever the manhole tops may be flooded by street runoff or high water. Locked manhole covers may be desirable in isolated easement locations or where vandalism may be a problem.

F. Electrical. Electrical equipment installed or used in manholes shall conform to appropriate National Electrical Code requirements.

2.7. Inverted Siphons. Inverted siphons shall consist of at least two barrels, with a minimum pipe size of 6 inches (15 centimeters) with an arrangement to exclude debris and solids. The siphon shall be provided with necessary appurtenances for convenient flushing and maintenance. The manholes shall have adequate clearances for rodding; and in general, sufficient head shall be provided and pipe sizes selected to secure velocities of at least 3.0 feet per second (0.92 meter per second) for average flows. The inlet and outlet details shall be so arranged that the normal flow is diverted to 1 barrel, and that either barrel may be cut out of service for cleaning. The vertical alignment should permit cleaning and maintenance.

2.8. Sewers In Relation To Streams

A. Location of Sewers on Streams

1. The top of all sewers entering or crossing streams shall be at a sufficient depth below the natural bottom of the stream bed to protect the sewer line. In general, the following cover requirements must be met:

a. one foot (30 centimeters) of cover is required where the sewer is located in bedrock;

b. three feet (90 centimeters) of cover is required in other

material;

c. cover in excess of 3 feet (90 centimeters) may be required in streams having a high erosion potential; and

d. in paved stream channels, the top of the sewer must be placed below the bottom of the channel pavement.

2. If the proposed sewer crossing will not interfere with the future improvements to the stream channel, then reduced cover may be permitted.

B. Horizontal Location. Sewers shall be located along streams outside of the stream bed and sufficiently removed therefrom to provide for future possible stream widening and to prevent pollution by siltation during construction.

C. Structures. The sewer outfalls, headwalls, manholes, gate boxes, or other structures shall be located so they do not interfere with the free discharge of flood flows of the stream.

D. Alignment

1. Sewers crossing streams should be designed to cross the stream as nearly at right angles to the stream flow as possible, and shall be free from change in grade.

2. Sewer systems shall be designed to minimize the number of stream crossings.

E. Construction

1. Materials. Sewers entering or crossing streams shall be constructed of cast or ductile iron pipe with mechanical joints; otherwise they shall be constructed so they will remain watertight and free from changes in alignment or grade. Material used to backfill the trench shall be stone, coarse aggregate, washed gravel, or other materials which will not cause siltation.

2. Siltation and Erosion. Construction methods that will minimize siltation and erosion shall be employed. The design engineer shall include in the project specifications the method(s) to be employed in the construction of sewers in or near streams to provide adequate control of siltation and erosion. Specifications shall require that cleanup, grading, seeding, and planting or restoration of all work areas shall begin immediately. Exposed areas shall not remain unprotected for more than seven days.

F. Aerial Crossings

1. A carrier pipe shall be provided for all aerial sewer crossings. Support shall be provided for all joints in pipes utilized for aerial crossings. The supports shall be designed to prevent frost heave, overturning and settlement.

2. Precautions against freezing, such as insulation and increased slope, shall be provided. Expansion jointing shall be provided between above-ground and below-ground sewers.

3. The design engineer shall consider the impact of flood waters and debris for aerial stream crossings. The bottom of the pipe should be placed below the elevation of twenty-five (25) year flood. Crossings, in no case, shall block the channel.

2.9. Protection of Water Supplies. The applicant must review the requirements stated in R309-112-2 - Distribution System Rules, Drinking Water and Sanitation Rules, to assure compliance with the said rule.

A. Water Supply Interconnections. There shall be no physical connections between a public or private potable water supply system and a sewer, or appurtenance thereto which would permit the passage of any sewage or polluted water into the potable supply. No water pipe shall pass through or come in contact with any part of a sewer manhole.

B. Relation to Water Mains

1. Horizontal Separation

a. Sewers shall be laid at least 10 feet (3.0 meters) horizontally from any existing water main. The distance shall be measured edge to edge. In cases where it is not practical to maintain a ten foot separation, a deviation may be allowed based on the supportive data from the design engineer. Such deviation may allow installation of the sewer closer to a water main, provided that the sewer is laid:

(1) in a separate trench, or

(2) on an undisturbed earth shelf located on one side of the sewer trench, or

(3) in the sewer trench which has been backfilled and compacted to not less than 95 percent of the optimum density as determined by the ASTM Standard D-690, as amended, and

b. In each of the above cases, the bottom of the water main shall be at least 18 inches (46 centimeters) above the top of the sewer.

2. Crossings. Sewers crossing above water mains shall be laid to provide a minimum vertical distance of 18 inches (46 centimeters) between the outside of the water main and the outside of the sewer. The crossing shall be arranged so that the sewer joints will be equidistant and as far as possible from the water main joints. Where a water main crosses under a sewer, adequate structural support shall be provided for the sewer to prevent damage to the water main.

3. Special Conditions. When it is impossible to obtain proper horizontal and vertical separation as stated above, the sewer shall be designed and constructed of cast iron, ductile iron, galvanized steel or protected steel pipe with mechanical joints for the minimum distance of 10 feet on either side of the point of crossing. The design engineer may use other types of joints if equivalent joint integrity is demonstrated. The lines shall be pressure tested to assure watertightness before backfilling.

R317-3-3. Sewage Pumping Stations.

3.1. General. Sewage pumping station structures, and electrical and mechanical equipment shall be protected from physical damage that would be caused by a 100-year flood. Sewage pumping stations must remain fully operational and accessible during a 25-year flood.

3.2. Design

A. Pumping Rates. The pumps and controls of main pumping stations, and especially pumping stations pumping to the treatment works or operated as part of the treatment works, should be selected to operate at varying delivery rates to permit discharging sewage at approximately its rate of delivery to the pump station.

B. System - Head Calculation

1. The design engineer shall submit system-head calculations and curves. System-head curves for C values of 100, 120 and 140 in the Hazen William's equation for calculating head loss corresponding to minimum, median and maximum water levels shall be developed.

2. A system-head curve for C value of 120 corresponding to median (normal operating) water level shall be used to make preliminary selection of motor and pump. The pump and motor must operate satisfactorily over the entire range of system-head curves for C values of 100 and 140 corresponding to minimum and maximum water levels intersected by the head-discharge relationship of a given pump.

3. Pumps and motors shall be sized for the 10-year peak flows; preferably the 20-year sewage flow requirements. These operating points shall be shown on the system-head curves.

C. Accessibility. The pumping station shall be readily accessible by maintenance vehicles during all weather conditions. The facility should be located off the traffic way of streets and alleys.

D. Grit. Where it is necessary to pump sewage before grit removal, the design of the wet well and pump station piping shall be such that operational problems from the accumulation of grit are avoided.

E. Odor and Corrosion Control. The pumping station design should incorporate measures for:

1. mitigating the effects of sulfide corrosion to structure and equipment; and

2. effective odor control when a populated area is within

close proximity.

F. Structures

1. Dry wells, including their superstructure, shall be completely separated from the wet well.

2. Provision shall be made to facilitate maintenance and removal of pumps, motors, and other mechanical and electrical equipment.

3. Safe means of access and proper ventilation shall be provided to dry wells and to wet wells containing either bar screens or mechanical equipment requiring inspection or maintenance.

a. For built-in-place pump stations, a stairway with rest landings shall be provided at vertical intervals not to exceed 12 feet (3.7 meters). For factory-built pump stations over 15 feet (4.6 meters) deep, a rigidly fixed landing shall be provided at vertical intervals not to exceed 10 feet (3.0 meters). Where a landing is used, a suitable and rigidly fixed barrier shall be provided to prevent an individual from falling past the intermediate landing to a lower level.

b. Where space requirements are insufficient, the design may provide for a manlift or elevator in lieu of landings in a factory-built station if the design includes an emergency access or exit.

c. Local, state and federal safety requirements, including those in applicable fire code, the Uniform Building Code, etc., must be reviewed and complied with. Those requirements, if more stringent than the ones stated above, shall be incorporated in the design.

4. Construction Materials. The materials selected in construction and installation must be safe and able to withstand adverse operating environmental conditions caused by presence of hydrogen sulfide and other corrosive gases, greases, oils, and other constituents frequently present in sewage.

3.3. Pumps and Pneumatic Ejectors

A. Multiple Units

1. At least two pumps or pneumatic ejectors shall be provided. A minimum of three pumps shall be provided for stations handling flows greater than 1 million gallons per day (3,785 cubic meters per day).

2. If only two units are provided, they should have the same capacity. Each shall be capable of handling flows in excess of the expected maximum flow. Where three or more units are provided, they should be designed to fit actual flow conditions and must be of such capacity that with any one of the largest units out of service, the remaining units shall have capacity to handle maximum sewage flows.

B. Protection Against Clogging

1. Pumps handling sewage from 30 inch (76 centimeters) or larger diameter sewers shall be protected by readily accessible bar racks from clogging or damage.

2. Bar racks should have clear openings not exceeding 1-1/2 inches (6.4 centimeters). The design shall provide for a mechanical hoist.

3. The design engineer shall consider installation of mechanically cleaned and duplicate bar racks in the pumping stations handling larger than five million gallons per day (18,900 cubic meters per day) rate of flow.

4. Small pumping stations pumping less than one million gallons per day (3,785 cubic meters per day) shall be equipped with bar racks or inline grinding devices, etc., to prevent clogging.

C. Pump Openings. Except where grinder pumps are used, pumps shall be capable of passing spheres of at least 3 inches (7.6 centimeters) in diameter, and pump suction and discharge piping shall be at least 4 inches (10.2 centimeters) in diameter.

D. Priming. The pump shall be so placed that it will operate under a positive suction head under normal operating conditions, except for submersible pumping stations.

E. Electrical Equipment. Electrical systems and components (e.g., motors, lights, cables, conduits, switchboxes, and control circuits) in raw sewage wet wells, or in enclosed or partially enclosed spaces where hazardous concentrations of flammable gases or vapors may be present, shall comply with the National Electrical Code requirements for Class 1 Group D, Division 1 locations. In addition, equipment located in the wet well shall be suitable for use under corrosive conditions. Each flexible cable shall be provided with watertight seal and separate strain relief. A fused disconnect switch located above ground shall be provided for all pumping stations. When such equipment is exposed to weather, it shall as a minimum, meet the requirements of weatherproof equipment (NEMA 3R).

F. Intake. Each pump should have an individual intake. Turbulence should be avoided near the intake in wet wells. Intake piping should be as straight and short as possible.

G. Dry Well Dewatering. A separate sump pump equipped with dual check valves shall be provided in dry wells to remove leakage or drainage. Discharge shall be located as high as possible. A connection to the pump suction is also recommended as an auxiliary feature. Water ejectors connected to a potable water supply will not be approved. All floor and walkway surfaces should have an adequate slope to a point of drainage. Pump seal water shall be piped to the sump.

H. Controls

1. Type. Control systems for liquid level monitoring shall be of the air bubbler type, the capacitance type, the encapsulated float type, or the non-contact type. The selection of type of controls must be based on wastewater characteristics and other site related conditions. The executive secretary may approve the existing float-tube control systems on pumping stations being upgraded. The electrical equipment shall comply with the National Electrical Code requirements for Class I, Group D, Division 1 locations.

2. Location. The level control system shall be located away from the turbulence of incoming flow and pump suction.

3. Alternation. The design engineer must consider automatic alternation of the sequencing of pumps in use.

I. Valves

1. Suction Line. An isolation valve shall be placed on the suction line of each pump except on submersible pumps.

2. Discharge Line

a. Isolation and check valves shall be placed on the discharge line of each pump. The check valve shall be located between the isolation valve and the pump.

b. Check valves shall not be placed in the vertical run of discharge piping unless the valve is designed for that specific application.

c. Ball valves may be permitted in the vertical runs.

d. All valves shall be suitable for the material being handled, and capable of withstanding normal operating pressure and water hammer.

e. Where limited pump backspin will not damage the pump and low discharge head conditions exist, a short individual force main for each pump, may be approved by the executive secretary in lieu of a discharge manifold.

3. Location. Valves shall not be located in wet well. They shall be located in a dry well adjacent to the pumps or in an adjacent isolated pit appropriately protected from physical, weather or freezing damage, with proper access for operation and maintenance.

J. Wet Wells

1. Divided Wells. Wet well should be divided into multiple sections, properly interconnected, to facilitate repairs and cleaning, and non-turbulent hydraulic operating condition to each pump inlet.

2. Size. The wet well size and level control settings shall be appropriate to avoid heat buildup in the pump motor due to frequent starting (short cycling), and septic conditions due to excessive detention time.

3. Floor Slope. The wet well floor shall have a minimum slope of one to one to the hopper bottom. The horizontal area of the hopper bottom shall be not greater than necessary for proper installation and function of the pump inlet.

K. Ventilation. All pump stations must be ventilated to maintain safe operating environment. Where the pump pit is below the ground surface, mechanical ventilation is required, so arranged as to independently ventilate the dry well and the wet well if screens or mechanical equipment requiring maintenance or inspection are located in the wet well. There shall be no interconnection between the wet well and dry well ventilation systems. In pits over 15 feet (4.6 meters) deep, multiple inlets and outlets are recommended. Dampers should not be used on exhaust or fresh air ducts. Fine screens or other obstructions in air ducts should be avoided to prevent clogging. Switches for operation of ventilation equipment should be marked and located for convenient operation from outside of the enclosed environment. All intermittently operated ventilating equipment shall be interconnected with the respective pit lighting system. Automatic controls are recommended for intermittently ventilated pump stations. Fan parts should be of non-corrosive material. All parts adjacent to moving ones should be of non-sparking materials. Consideration should be given to installation of automatic heating and dehumidification equipment.

1. Wet Wells. Ventilation may be either continuous or intermittent. Ventilation, if continuous, shall provide at least 12 complete air changes per hour; if intermittent, at least 30 complete air changes per hour. Ventilating equipment should force air into wet well rather than exhaust it from wet well.

2. Dry Wells. Ventilation may be either continuous or intermittent. Ventilation, if continuous, shall provide at least 6 complete air changes per hour; if intermittent, at least 30 complete air changes per hour.

L. Flow Measurement. Continuous measuring and recording of sewage flow shall be provided at all pumping stations with a design pumping capacity greater than one million gallons per day (3,785 cubic meters per day).

M. Water Supply. There shall be no physical connection between any potable water supply and a sewage pumping station which under any condition might cause contamination of the potable water supply. The potable water supply to a pumping station shall be protected against cross connection or backflow.

3.4. Self-Priming Pumps. Self-priming pumps shall be capable of rapid priming and repriming at the lead pump on elevation. Such self-priming and repriming shall be accomplished automatically under design operating conditions. Suction piping should not exceed the size of the pump suction and shall not exceed 25 feet (7.6 meters) in total length. Priming lift at the lead pump on elevation shall include a safety factor of at least 4 feet (1.2 meters) from the maximum allowable priming lift for the specific equipment at design operating conditions. The combined total of dynamic suction lift at the pump off elevation and required net positive suction head at design operating conditions shall not exceed 22 feet (6.7 meters).

3.5. Submersible Pump Stations. Submersible pump stations may be used for flows less than 0.25 million gallons per day (946 cubic meters per day). The executive secretary may approve submersible pump stations for flows greater than 0.25 million gallons per day (946 cubic meters per day), based on operational, reliability and maintenance considerations. The submersible pumps stations shall meet the design requirements stated above, except as modified in this section.

A. Construction. Submersible pumps and motors shall be designed specifically for raw sewage use, including totally submerged operation during a portion of each pumping cycle. An effective method to detect shaft seal failure or potential seal failure shall be provided, and the motor shall be of squirrel-cage type design without brushes or other arc-producing mechanisms.

B. Pump Removal. Submersible pumps shall be readily removable and replaceable without dewatering the wet well or disconnecting any piping in the wet well.

C. Electrical

1. Power Supply and Control. Electrical supply, control and alarm circuits shall be designed to allow for disconnection of the equipment from outside and inside of pumping station. Terminals and connectors shall be protected from corrosion by location outside of wet well or through use of watertight seals. If located outside of the pumping station, weatherproof equipment shall be used.

2. Controls. The motor control center shall be located outside of the wet well and be protected by a conduit seal or other appropriate measures meeting the requirements of the National Electrical Code, to prevent the atmosphere of the wet well from gaining access to the control center. The seal shall be so located that the motor may be removed and electrically disconnected without disturbing the seal.

3. Power Cord. Pump motor power cords shall be designed for flexibility and serviceability under severe service conditions and shall meet the requirements of the Mine Safety and Health Administration for trailing cables. Ground fault interruption protection shall be used to deenergize the circuit in the event of any failure in the electrical integrity of the cable. Power cord terminal fittings shall be corrosion-resistant and constructed in a manner to prevent the entry of moisture into the cable, shall be provided with strain relief appurtenances, and shall be designed to facilitate field connecting.

3.6. Valves. Valves shall be located in a separate valve pit. Accumulated water shall be drained to the wet well or the soil. If the valve pit is drained to the wet well, an effective method shall be provided to prevent sewage gases and liquid from entering the pit during surcharged wet well conditions.

3.7. Alarm Systems.

A. Alarm systems shall be provided for pumping stations. The alarm shall be activated in cases of power failure, high water level in dry or wet well, pump failure, use of the lag pump, air compressor failure, or any other pump malfunction.

B. Pumping station alarms shall be telemetered, including identification of the alarm condition, to the operating agency's facility that is manned 24 hours a day. If such a facility is not available and 24-hour holding capacity is not provided, the alarm shall be telemetered to the operating agency's facility during normal working hours and to the home of the person(s) responsible for the lift station during off-duty hours.

C. The executive secretary may approve audio-visual alarm systems with a self-contained power supply in lieu of the telemetering system outlined above, depending upon location, station holding capacity and inspection frequency.

3.8. Emergency Operation

A. Pumping stations and collection systems shall be designed to prevent bypassing of raw sewage and backup into the sewer system. For use during possible periods of extensive power outages, mandatory power reductions, or uncontrolled storm events, a controlled high-level wet well overflow or emergency power generator shall be provided. Where a high level overflow is utilized, storage or retention tanks, or basins, shall be provided having at least a 2-hour retention capacity at the anticipated overflow rate.

B. The applicant must review the requirements of R317-6 (Ground Water Quality Protection Rule) for compliance with the said rule for earthen retention basins.

C. The operating agency shall provide:

1. an in-place or portable pump, driven by an internal combustion engine or an emergency generator capable of pumping from the wet well to the discharge side of the station for pump stations with a capacity in excess of one million gallons per day (3,785 cubic meters per day), and

2. an engine-driven generating equipment or an independent source of electrical power or emergency generators capable of pumping from the wet well to the discharge side of the station for pump stations with a capacity in excess of five million gallons per day (18,925 cubic meters per day).

3.9. Auxiliary and Emergency Equipment Requirements

A. General. The following general requirements shall apply to all internal combustion engines used to drive auxiliary pumps, service pumps through special drives, or electrical generating equipment.

1. Engine Protection. The engine must be protected from damaging operating conditions. Protective equipment shall shut down the engine and activating an alarm on site unless continuous manual supervision is planned. Protective equipment shall monitor for conditions of low oil pressure and overheating, Oil pressure monitoring is not required for engines with splash lubrication.

2. Size. The engine shall have adequate rated power to start and continuously operate all connected loads.

3. Fuel Type. The type of fuel must be carefully selected for maintaining reliability and ease of starting, especially during cold weather conditions. Unused fuel from the fuel storage tank should be removed annually, and the tank refilled with fresh fuel.

4. Engine Ventilation. The engine shall be located above grade with adequate ventilation of fuel vapors and exhaust gases.

5. Routine Start-up. All emergency equipment shall be provided with instructions indicating the need for regular starting and running of such units at full loads.

6. Protection of Equipment. Emergency equipment shall be protected from damage at the restoration of regular electrical power.

B. Engine-Driven Pumping Equipment. Where permanently installed or portable engine-driven pumps are used, the following requirements in addition to general requirements apply:

1. Pumping Capacity. Engine-driven pump(s) shall be capable of pumping at the design pumping rates unless storage capacity is available for flows in excess of pump capacity. Pumps shall be designed for anticipated operating conditions, including suction lift if applicable.

2. Operation. Provisions shall be made for automatic and manual start-up and load transfer. The pump must be protected against damage from adverse operating conditions. Provisions should be considered to allow the engine to start and stabilize at operating speed before assuming the load. Where manual start-up and transfer is justified, storage capacity and alarm system must meet the requirements stated hereinabove.

3. Portable Generating Equipment. Where portable generating equipment or manual transfer of power to the pumping equipment is provided, sufficient storage capacity shall be provided in the design of pumping station, to allow time for detection of pump station failure and transportation and connection of generating equipment. The use of special electrical connections and double throw switches are recommended for connecting portable generating equipment.

3.10. Instructions and Equipment

A. Sewage pumping stations and their operators must be supplied with a complete set of operational instructions, including emergency procedures, maintenance schedules, special tools, and necessary spare parts.

B. Local, state and federal safety requirements, including those in applicable fire code, the Uniform Building Code etc., must be reviewed and complied with. Those requirements take precedence over the foregoing requirements, if more stringent, and should be incorporated in the design.

3.11. Force Mains

A. Velocity. A velocity of not less than 2 feet per second (0.61 meter per second) shall be maintained at the average design flow, to avoid septic sewage and resulting odors.

B. Air Relief Valve. An automatic air relief valve shall be placed at high points in the force main to prevent air locking.

C. Termination. Force mains should enter the gravity sewer system at a point not more than 2 feet (30 centimeters) above the flow line of the receiving manhole.

D. Design Pressure. The force main and fittings, including reaction blocking, shall be designed to withstand normal pressure and pressure surges (water hammer).

E. Special Construction. Force main construction near streams or used for aerial crossings shall meet the requirements stated in Sewers.

F. Design Friction Losses

1. Friction losses through force mains shall be based on the Hazen and Williams formula or other hydraulic analysis to determine friction losses. When the Hazen and Williams formula is used, the design shall be based on the value of C equal to 120; for unlined iron or steel pipe the value of C equal to 100 shall be used.

2. When initially installed, force mains will have a significantly higher C factor. The higher C factor should be considered only in calculating maximum power requirements.

G. Separation from Water Main. The applicant or the design engineer must review the requirements stated in R309-112.2 - Distribution System rules, Drinking Water and Sanitation Rules, to assure compliance with the said rule.

H. Identification. A clearly labelled tracer location tape shall be placed two feet above the top of force mains less than or equal to 24 inch (61 centimeters) in diameter, along its entire length.

R317-3-4. Treatment Works.

4.1. Plant Location

A. The treatment plant structures and all related equipment shall be protected from physical damage by the 100-year flood. Treatment works must remain fully operational and accessible during the 25-year flood.

B. These conditions shall apply to all new facilities under construction as well as the existing facilities being expanded, upgraded or modified.

4.2. Quality of Effluent. The effluent requirements and water quality standards established in the discharge permit, R317-1 (Definitions and General Requirements), R317-2 (Standards of Quality for Waters of the State) shall be used to determine the required degree of wastewater treatment, and unit processes and operations.

4.3. Design

A. Basis of Design. The plant design shall be based on the higher value of:

1. a moving average of daily rates of flow and wastewater strength as measured by five-day biochemical oxygen demand (BOD_5) and suspended solids determination tests over a period of 30 consecutive days; or

2. an average of values rate of flow and wastewater strength as measured by five-day biochemical oxygen demand (BOD_5) and suspended solids determination tests, over a period of month; or

3. the rate of flow and wastewater strength as measured by five-day biochemical oxygen demand (BOD_5) and suspended solids determination tests, equal to or greater than 92 percent of the daily flow rate and wastewater strength data.

B. Hydraulic Design. The hydraulic capacities of all units and conveyance structures shall be computed and checked for the maximum and average design rates of flow with one largest unit out of service. No overtopping of any structure under any condition shall be permitted.

1. New Systems. The design for sewage treatment plants shall be based upon an average daily per capita flow of 100

gallons (0.38 cubic meter) unless the applicant provides and justifies a better estimate of flow based on water use data. An allowance shall be made in the design for industrial wastewaters and rates of infiltration/inflow.

2. Existing Systems. For an existing system, the applicant may use the data based on both dry-weather and wet-weather conditions. The data over a minimum period of one year shall be taken as the basis for the design.

C. Organic Design

1. New System Design

a. Domestic waste treatment design shall be on the basis of at least 0.17 pounds (0.08 kilogram) or 200 milligrams per liter of BOD_5 per capita per day and 0.20 pounds (0.09 kilogram) or 250 milligrams per liter of suspended solids per capita per day, unless information is submitted to justify alternate designs.

b. When garbage grinders are used in areas tributary to a domestic treatment plant, the design basis may be increased to 0.22 pounds (0.10 kilogram) or 260 milligram per liter of BOD_5 per capita per day and 0.25 pounds (0.11 kilogram) or 300 milligram per liter of suspended solids per capita per day.

c. An allowance shall be made in the design for industrial wastewaters and rates of infiltration/inflow.

d. Other approved methods for measurement of organic strength of wastewater published in Standard Methods for Examination of Water and Wastewater, jointly prepared by American Public Health Association (APHA), American Society of Civil Engineers (ASCE), American Water Works Association (AWWA), and Water Pollution Control Federation (WPCF), will be accepted in lieu of the five-day biochemical oxygen demand (BOD_5) test.

2. Existing Systems

a. For an existing system, the applicant may use the data based on the actual strength of the wastewater as determined by analysis of composite samples for five-day biochemical oxygen demand (BOD_5) and suspended solids. An appropriate increment for growth shall be included in the basis of design.

b. The data over a minimum period of one year shall be taken as the basis for the design.

D. Shock Loadings. The applicant shall consider the shock loadings of high concentrations and diurnal peaks for short periods of time on the treatment process, particularly for small treatment plants.

E. Design by Analogy. The applicant may utilize the data from similar municipalities in the case of new systems, provided that the reliability and applicability of such data is established through thorough investigations and documentation.

F. Flow Conduits. All piping and channels shall be designed to carry the maximum rates of flows. The incoming sewer shall be designed for unrestricted flow. Bottom corners of the channels must be filleted. Conduits shall be designed to avoid creation of pockets and corners where solids can accumulate. Suitable gates shall be placed in channels to seal off unused sections which might accumulate solids. The use of shear gates or stop planks is permitted where they can be used in place of gate valves or sluice gates. Corrosion resistant materials shall be used for these control gates.

G. Arrangement of Process Units. The design should provide for an arrangement of component parts of the plant, for greatest operating and maintenance convenience, reliability flexibility, economy, continuity of maximum effluent quality, and ease of installation of future units.

H. Flow Division Control. The design shall provide for flow division control facilities to insure organic and hydraulic loading control to various process units. Convenient, easy and safe access, change, observation, and maintenance shall be considered in the design of such facilities. Flow division shall be measured using flow measurement devices to assure uniform loading of all unit processes and operations.

4.4. Plant Design Details

A. Mechanical Equipment. The specifications should provide for:

1. services of a representative of the manufacturer to supervise the installation and initial operation of major items of mechanical equipment; and

2. performance tests of the installed equipment before acceptance by the applicant.

B. Unit Bypasses

1. A minimum of two units in the liquid treatment process train shall be provided for all unit processes and operations in all plants rated at over 1 million gallons per day (3,785 cubic meters per day).

2. The executive secretary will approve any exceptions based on reliability and operability of the components.

3. The design shall provide for properly located and arranged bypass structures and piping so that each unit of the plant can be removed from service independently. The bypass design shall facilitate plant operation during unit maintenance and emergency repair so as to minimize deterioration of effluent quality and insure rapid process recovery upon return to normal operational mode.

C. Unit Bypass During Construction. Any bypass during construction or operation must be approved by the executive secretary before such bypass occurs, as provided in this rule.

D. Drains. The design shall incorporate means to completely drain each unit with a discharge to a point within the process or the plant.

E. Protection of Structures. The design shall incorporate hydrostatic pressure relief devices to prevent flotation of structures.

F. Pipe Cleaning and Maintenance. Fittings, valves, and other appurtenances shall be provided for pipes subject to clogging, to facilitate proper cleaning through mechanical cleaning or flushing. Pipes subject to clogging, such as pipes carrying sludge, shall be lined with a material which creates a smooth and nonadhering surface, thereby reducing clogging and resistance to flow.

G. Construction Materials. The materials of construction and equipment shall be resistant to hydrogen sulfide and other corrosive gases, greases, oils, chemicals, and similar constituents frequently present in sewage. This is particularly important in the selection of metals and paints. Contact between dissimilar metals should be avoided to minimize galvanic action, and consequent corrosion.

H. Painting

1. Piping within the plant shall be color coded to facilitate identification of piping, particularly in the plants rated over 5 million gallons per day (18,925 cubic meters per day). Table R317-3-4.4(H)(1) shows color and identification scheme recommended by the American National Standards Institute (ANSI 253.1 and 13.1) shall be used for the purposes of standardization.

2. The labels shall be stenciled in conformance with the ANSI standard A13.1.

3. The executive secretary may approve painting of piping with one color with a labelling scheme in conformance with the ANSI standard A13.1 provided that:

a. labels are color coded as directed above;

b. piping contents and direction of flow are legibly stenciled on the label; and

c. labels are securely on the piping at interval and all locations required in the above referenced standard.

I. Operating Equipment. A complete outfit of tools, accessories, and spare parts necessary for the plant operator's use should be provided. Readily-accessible storage space and workbench facilities should be provided, and consideration be given to provision of a garage for large equipment storage, maintenance, and repair.

J. Erosion Control During Construction. Effective site

erosion control shall be provided during construction.

K. Grading and Landscaping. The site should be graded and landscaped upon completion of the plant. Concrete or gravel walkways should be provided for access to all units. Steep slopes should be avoided to prevent erosion. Surface water shall not be permitted to drain into any unit. Particular care shall be taken to protect all treatment plant components from storm water runoff.

4.5. Plant Outfall Lines

A. Discharge Impact Control. The outfall sewer shall be designed to discharge to the receiving stream in a manner not to impair the beneficial uses of the receiving stream and acceptable to the executive secretary. The outfall design should provide for:

1. Free fall or submerged discharge at the site selected;

2. Cascading of effluent to increase dissolved oxygen concentration in the effluent; and

3. Limited or complete dispersion of discharge across stream to minimize impact on aquatic life movement, and growth in the immediate reaches of the receiving stream; and

B. Protection and Maintenance. The outfall sewer shall be so constructed and protected against the effects of floodwater, ice, or other hazards as to reasonably insure its structural stability and freedom from stoppage.

C. Sampling Provisions. All outfall lines shall be designed with a safe and convenient access, preferably using a manhole, so that a sample of the effluent can be obtained at a point after the final treatment process, and before discharge to or mixing with the receiving waters.

4.6. Essential Facilities

A. Emergency Power Facilities

1. General. All plants shall have an alternate source of electric or mechanical power to allow continuity of operation during power failures. Methods of providing alternate sources include:

a. provision of at least two independent sources of power, such as feeders, grid, etc., to the plant;

b. portable or in-place internal combustion engine equipment which will generate electrical or mechanical energy; or

c. portable pumping equipment when only emergency pumping is required.

2. Power for Aeration. Standby power generating capacity normally is not required for aeration equipment used in the activated sludge type processes or aerated lagoons. In cases where a history of long-term (4 hours or more) power outages have occurred, auxiliary power for minimum aeration of the activated sludge type processes or aerated lagoon will be required. Full power generating capacity may be required when discharge is to critical stream segments to protect downstream uses identified in R317-2 (Standards for Quality for Waters of the State).

3. Power for Disinfection. Standby power generating capacity shall include the capacity needed for continuous disinfection of wastewater during power outages.

B. Plant Water Supply

1. General. An adequate supply of potable water under pressure should be provided for use in the laboratory and for general cleanliness around the plant. No piping or other connections shall exist in any part of the treatment works which, under any conditions, might cause the contamination of a potable water supply. The chemical quality of the water should be checked for suitability for its intended uses such as in heat exchangers, chlorinators, etc.

2. Direct Connections

a. Potable water from a municipal or separate supply may be used directly at points above grade for hot and cold supplies in lavatory, water closet, laboratory sink (with vacuum breaker), shower, drinking fountain, eye wash fountain, and safety shower; unless local authorities require a positive break at the property line.

b. The applicant must review the requirements stated in R309-112.2 - Distribution System Rules, Drinking Water and Sanitation Rules, to assure compliance with the said rule.

c. Hot water for any of the above units shall not be taken directly from a boiler or piping used for supplying hot water to a sludge heat exchanger or digester heating unit.

3. Indirect Connections

a. Where a potable water supply is used for any purpose in a plant, a break tank, pressure pump, and pressure tank shall be provided. Water shall be discharged to the break tank through an air gap at least 6 inches (15.2 centimeters) above the maximum flood line or the spill line of the tank, whichever is higher.

b. A sign shall be permanently posted at every hose bib, faucet, hydrant, or sill cock located on the water system beyond the break tank to indicate that the water is not safe for drinking.

4. Separate Potable Water Supply. Where it is not possible to provide potable water from a public water supply, a separate well may be provided. Location and construction of the well shall be in accordance with the requirements of R309, Drinking Water and Sanitation Rules.

5. Separate Non-Potable Water Supply. Where a separate non-potable water supply or plant effluent is to be provided, a break tank will not be necessary, but all system outlets shall be posted with a permanent sign indicating the water is not safe for drinking.

C. Sanitary Facilities. Toilet, shower, lavatory, and locker facilities shall be provided in convenient locations to serve the expected staffing level at the plant.

D. Floor Slope. All floor surfaces shall be sloped adequately to a collection floor drain system.

E. Stairways

1. Stairways shall be installed wherever possible in lieu of ladders. Spiral or winding stairs are permitted only for secondary access where dual means of egress are provided. Stairways shall have slopes between 50 degrees and 30 degrees (preferably nearer the latter) from the horizontal to facilitate carrying samples, tools, etc. Each tread and riser shall be of uniform dimension in each flight. Minimum tread run shall not be less than 8 inches (20.3 centimeters). The sum of the tread run and riser shall not be less than 17 inches (43 centimeters) nor more than 18 inches (46 centimeters). A flight of stairs shall consist of not more than a 12-foot (3.7 meters) continuous rise without a platform.

2. Local, state and federal safety requirements, including those in applicable fire code, the Uniform Building Code, etc., must be reviewed and complied with. Those requirements take precedence over the foregoing requirements, if more stringent, and should be incorporated in the design.

4.7. Flow Measurement. Flow measurement devices, preferably of the primary type (devices which create a hydrodynamic condition that is sensed by the secondary element), shall be provided at the plant to continuously indicate, totalize and record volume of wastewater entering the plant in a unit time.

A. Flumes. Installation of flumes shall be as follows:

1. Flumes with throat widths of less than 6 inches (15 centimeters) shall not be installed. Throat width shall be selected to measure the entire range of anticipated flow rates at all measurement locations.

2. Locations close to turbulent, surging or unbalanced flow, or a poorly distributed velocity pattern shall be avoided. For super-critical upstream flow, a hydraulic jump should be forced to occur in a section upstream of the flume at a distance of at least 30 times maximum upstream operating depth of flume followed by a straight approach section of a length specified in this rule.

3. For flumes with throat width less than half the width of the approach channel, the length of approach channel - straight upstream section - shall be the greater of 20 times the throat width or ten times maximum upstream operating depth in flume.

4. For flumes with throat width greater than half the width of the approach channel, the length of approach channel - straight upstream section - shall be not less than ten times the maximum upstream operating depth in flume.

5. Parshall flumes shall be permitted only in locations where free discharge conditions exists on the downstream side at the average design flow. Submergence must not exceed 60 percent at the maximum design flow.

6. The stilling well, if used, and secondary measuring elements, such as floats, sensors, or gages, shall be protected against extreme weather conditions.

B. Other Flow Measurement Devices. Effluent discharged to receiving waters should be measured using flow measurement devices, such as weirs, sonic or capacitance type, etc.

C. Flow Recorders

1. Clock-wound mechanisms for recording of flow are not permitted.

2. Battery powered flow measurement devices may be permitted at locations where electrical power is not available, and continuous operability of flow measurement devices is demonstrated.

4.8. Safety and Hazardous Chemical Handling. Adequate provision shall be made to effectively protect the operator and visitors from hazards. Local, state and federal safety requirements must be reviewed and complied with. Typical items for consideration are fence, splash guards, hand and guard rails, labeling of containers and process piping, warning signs, protective clothing, first aid equipment, containments, eye-wash fountains and safety showers, dust collection, portable emergency lighting, etc.

4.9. Laboratory.

A. Treatment plants rated in excess of 1 million gallons per day (3,785 cubic meters per day) shall include a laboratory for making the necessary analytical determinations and operating control tests. Otherwise, the applicant shall show availability of services of state-certified laboratories on a continuous contract basis.

B. The laboratory size, bench space, equipment and supplies shall be such that it can perform analytical work for:

1. All self-monitoring parameters required by discharge permits;

2. The process control necessary for good management of each treatment process included in the design; and

3. Industrial waste control or pretreatment programs.

R317-3-5. Screening and Grit Removal.

5.1. Screening Devices. Coarse bar racks or screens shall be used to protect pumps, comminutors, flow measurement devices and other equipment.

5.2. Bar Racks and Screens

A. Location

1. Indoor. Screening devices, installed in a building where other equipment or offices are located, shall be accessible only through a separate outside entrance to protect the operating personnel and the equipment from damage and nuisance caused by gases, odors and potential flooding.

2. Outdoors. Screening devices not installed in enclosures or buildings shall be protected from freezing or other adverse environmental conditions.

B. Access. Screening areas shall be provided with proper work and safe access and egress, proper and emergency lighting, ventilation, and a convenient and safe means for removing the screenings.

C. Design and Installation

1. Bar Spacing. Clear openings between bars should be:

a. not more than 1 inch (2.54 centimeters) for manually cleaned screens; and

b. less than 5/8 of an inch (1.59 centimeters) for mechanically cleaned screens.

2. Bar Slope. Manually cleaned screens, except those for emergency use, should be placed on a slope of 30 to 45 degrees from the horizontal.

3. Approach Velocities. At average design flow conditions, approach velocities should be no less than 1.25 feet per second (38 centimeters per second), to prevent settling; and no greater than three (3) feet per second (91 centimeters per second) to prevent forcing material through the openings.

4. Channels. Dual channels shall be provided and equipped with the necessary gates to isolate flow from any screening unit. Provisions shall also be made to facilitate dewatering each unit. The channel preceding and following the screen shall be shaped to eliminate stranding and settling of solids. Entrance channels should be designed to provide equal and uniform distribution of flow to the screens.

5. Reliability. A minimum of two screens shall be provided. Each screen shall be designed to handle the peak design rate of flow. Where more than two screens are provided, the peak design rate of flow shall be handled with one of the largest units out of service. Where a single mechanical screen handles the peak design rate of flow, then other unit can be a manually cleaned screen.

6. Flow Measurement. The types and locations of flow measurement devices should be selected for reliability and accuracy. The effect of changes in backwater elevations, due to intermittent blinding and cleaning of screens, should be considered in the selection of the locations for flow measurement equipment.

7. Invert. The screen channel invert should be 3.0 to 6.0 inches (7.6-15.2 centimeters) below the invert of the incoming sewer.

D. Safety

1. Railings and Gratings.

a. All screening installations shall be equipped with guard rails and deck grating to insure operator safety.

b. The manually cleaned bar rack shall be accessible for cleaning insuring operator safety.

c. Proper guard rails and enclosures shall be used to protect the operator from moving parts of mechanically operated and cleaned screens. These guard rails and enclosures shall be removable for safe access to maintain and repair mechanically operated and cleaned screens. Catchments shall be provided to prevent dripping of liquids in multi-level installations.

2. Equipment Deactivation and Lockout. Each piece of electrical power mechanical equipment shall be equipped with a positive means of deactivating or locking out or isolating from its power source. Such device shall be located in close proximity to the equipment.

3. Removal of Screenings. The design shall provide for mechanical conveying or lifting systems for safe transport of screenings from a subgrade installation to a collection point on grade.

E. Power Control Systems

1. Timing Devices. All mechanical units which are operated by timing devices shall be provided with auxiliary override controls which will set the cleaning mechanism in operation at a preset high water elevation or water differential across the screen.

2. Electrical Fixtures and Controls. Electrical fixtures and controls in screening areas where hazardous gases may accumulate shall meet the requirements of the National Electrical Code for Class I, Group D, Division 1 locations.

3. Manual Override. Automatic controls shall be supplemented with a manual override.

F. Disposal of Screenings

1. Facilities shall be provided for removal, handling, storage, and disposal of screenings in a sanitary manner. Separate grinding of screenings and return to the sewage flow is unacceptable. Manually cleaned screening facilities should include an accessible platform from which the operator may rake screenings easily and safely. Suitable drainage facilities shall be provided for both the platform and the storage areas.

2. Screenings may be landfilled. The ultimate disposal of screenings shall conform to and comply with the requirements for the ultimate disposal of residues or sludge management plan.

5.3. Comminutors

A. General. Comminutors may be used in plants, excepting aerated or facultative or total containment lagoons, where mechanically cleaned bar screens are not used.

B. Design Considerations

1. Location. Comminutors should be located downstream of bar screen and any grit removal equipment.

2. Size. Comminutor capacity shall be adequate to handle the peak design rate of flow.

3. Installation.

a. A comminutor bypass channel, with manually cleaned bar screen, shall be provided. The use of the bypass channel should be automatic at depths of flow exceeding the design capacity of the comminutor. The bypass channel should be able to pass the peak design rate of flow when the comminutor channel is out of service.

b. Each comminutor that is not preceded by grit removal equipment should be protected by a 6-inch (15.2 centimeters) deep easily cleaned gravel trap.

PC Maintenance. Gates shall be provided for isolation of comminutor, comminutor channel including bypass channel for draining, repairs and maintenance. Provisions shall be made to facilitate servicing of units in place and removing units from their location for servicing.

5. Electrical Power Controls and Motors. Electrical equipment in comminutor chambers where hazardous gases may accumulate shall meet the requirements of the National Electrical Code for Class 1, Group D, Division 1 locations. Motors in areas not governed by this requirement may need protection against accidental submergence.

5.4. Grit Removal Facilities

A. General. Grit removal facilities shall be provided for all mechanical treatment plants. Pumps, comminutors, and other mechanical equipment preceding grit removal, shall be protected from the damaging effects of grit. Storage capacity shall be provided in treatment units where grit is likely to accumulate.

B. Location. Grit removal facilities should be located ahead of pumps and comminuting devices. Coarse bar racks should be placed ahead of grit removal facilities.

C. Enclosed Facilities

1. Ventilation. Uncontaminated air shall be introduced continuously at a minimum rate of 12 air changes per hour, or intermittently at a minimum rate of 30 air changes per hour. Odor control facilities are recommended.

2. Access. Grit removal facilities shall be provided with proper and safe access, and egress from equipment and facilities.

3. Electrical Work. All electrical work in enclosed grit removal areas where hazardous gases may accumulate shall meet the requirements of the National Electrical Code for Class 1, Group D, Division 1 locations.

D. Outdoor Facilities. Grit removal facilities located outside the buildings shall be protected from freezing, and other adverse environmental conditions.

E. Type and Number of Units

1. Number of Units. For plants treating:

a. more than 1 million gallons per day rate of flow (3,785 cubic meters per day), two mechanically cleaned grit removal units shall be installed in a parallel configuration. Each grit channel shall be designed to handle the peak design rate of flow.

b. less than 1 million gallons per day rate of flow (3,785 cubic meters per day), a single manually cleaned or mechanically cleaned grit chamber with a bypass channel shall be provided.

2. Other types. When arrangements other than channel-type of grit removal is considered, equipment for agitation, air supply, grit collection, grit removal, and grit washing shall be provided with controls for handling variations in rates of flow, and providing operating flexibility.

F. Design Factors

1. General. The designed effectiveness of a grit removal system shall be commensurate with the requirements of the subsequent process units.

2. Inlet Configuration. Inlet turbulence shall be minimized. The inlet flow direction must be parallel to the induced roll direction within aerated grit chambers.

3. Velocity and Detention Time.

a. Horizontal Channel-type Grit Chambers.

(1) Velocity of flow through a channel-type chamber shall be controlled such that it is not less than one foot per second (30 centimeters per second) during normal variations in flow.

(2) The detention time shall be based on the size of particle to be removed but not less than 20 seconds at the maximum design flow. Velocity and detention time in the channel shall be regulated by installation of control devices such as proportional flow, Sutro weirs, etc.

b. Aerated grit chambers.

(1) The velocity of flow through an aerated grit chamber shall not be less than 1 foot per second (30 centimeters per second) during normal variations in flow, in the direction of induced roll.

(2) A minimum detention time of two to five minutes at the maximum design flow shall be provided. Rate of aeration shall not be less than 4 cubic feet per minute per lineal foot (1.5 liters per second per meter). Outlet weir shall be provided parallel to the direction of induced roll.

c. Square grit chambers. Detention time and overflow rate for square grit chambers shall be based on the size of particles intended to be removed. Overflow rate should not exceed 40,000 gallons per day per square foot of the chamber area (1,600 cubic meters per day per square meter).

4. Grit Washing. Grit should be washed before the disposal.

5. Drains. Provision shall be made for to adequately bypass, isolate and dewater each grit removal unit for maintenance.

6. Water. An adequate supply of service or non-potable plant water under pressure shall be provided for cleanup.

G. Grit Handling.

1. Mechanical equipment for hoisting or transporting grit to ground level shall be provided in grit removal facilities located in deep pits. Impervious, non-slip, working surfaces with adequate drainage shall be provided for grit handling areas. Grit transporting facilities shall be provided with protection against freezing and loss of material.

2. Grit may be landfilled. The ultimate disposal of grit shall conform to and comply with the requirements for the ultimate disposal of residues or sludge management plan.

R317-3-6. Settling.

6.1. General Considerations

A. Number of Units. Multiple units capable of independent operation shall be provided in all plants where the design rate of flow exceed 1 million gallons per day (3,785 cubic meters per day). Plants where the design rate of flow is less than one (1) million gallons per day (3,785 cubic meters per day), shall include other provisions to assure continuity of treatment.

B. Arrangement. Settling tanks shall be arranged for

optimum site utilization, and shall be consistent with the hydraulic head requirements for other ancillary units.

C. Flow Distribution. Effective flow measurement devices and control appurtenances (e.g. valves, gates, splitter, boxes, etc.) should be provided to permit proper proportioning of flow to each unit.

D. Tank Configuration. The selection of tank size and shape, and inlet and outlet type and location shall be based on the site and flow patterns.

6.2. Design Considerations

A. Dimensions.

1. The minimum length of flow from inlet to outlet should not be less than be 10 feet (3 meters) unless special provisions are made to prevent short circuiting. The sidewater depth for primary clarifiers shall be not less than 8 feet (2.4 meters).

2. Clarifiers following an activated sludge process shall have sidewater depths of at least 12 feet (3.7 meters) to provide adequate separation zone between the sludge blanket and the overflow weirs.

3. Clarifiers following fixed film reactors shall have sidewater depth of at least 8 feet (2.4 meters).

B. Surface Loading (Overflow) Rates

1. Primary Settling Tanks

a. Surface loading or overflow rates at the average design rate of flow for primary tanks shall not exceed:

(1) 600 gallons per day per square foot (24 cubic meters per square meter per day) for plants treating at the rate of flow less than 1 million gallons per day (3,785 cubic meter per day), or

(2) 1,000 gallons per day per square foot (41 cubic meters per square meter per day) for plants treating at the rate of flow more than 1 million gallons per day (3,785 cubic meter per day).

b. For primary settling, expected influent BOD_5 removal and surface loading is as shown by the relationship: E = (41.5 - (0.01 x Surface loading at average design Q)) where, E = efficiency, percent, and surface loading less than or equal to 2,000 gallons per day per square foot (82 cubic meters per square meter per day). However, anticipated higher BOD_5 removal than the one predicted using above relationship for sewage or sewage containing appreciable quantities of industrial wastes (or chemical additions to be used), shall be validated by plant performance data.

2. Intermediate Settling Tanks. Surface loading or overflow rates for intermediate settling tanks following fixed film reactor processes shall not exceed 1,000 gallons per day per square foot (41 cubic meters per square meter per day) at the average design rate of flow.

3. Final Settling Tanks

a. Settling tests should be conducted wherever a pilot study of biological treatment is warranted by unusual waste characteristics or treatment requirements.

b. The applicant will conduct pilot testing where proposed loadings go beyond the limits set forth in this section.

c. Surface loading or overflow rates for settling tanks following fixed film processes shall not exceed 800 gallons per day per square foot (33 cubic meters per square meter per day) at the average design rate of flow.

d. Settling tanks following activated sludge processes must be designed to meet thickening as well as solids separation requirements. Surface loading or overflow, and weir overflow rates must be adjusted for the various processes to minimize the problems with sludge loadings, density currents, inlet hydraulic turbulence, and occasional poor sludge settleability. The high rate of recirculation of return sludge from the final settling tanks to the aeration or reaeration tanks requires careful consideration of above factors. The hydraulic design of intermediate and final settling tanks following the activated sludge process shall be based upon the average design rate of flow excluding activated sludge return flow as shown in Table R317-3-6.2(B)(3)(d).

C. Inlet Structures. Inlets should be designed to dissipate the inlet velocity and to distribute the flow equally both horizontally and vertically and to prevent short circuiting. Channels should be designed to maintain a velocity of at least one foot per second (0.3 meter per second) at the minimum design flow. Corner pockets and dead ends should be eliminated and corner fillets or channeling used where necessary. Provisions shall be made for elimination or removal of floating materials in inlet structures.

D. Effluent Overflow Weirs

1. General. Effluent overflow weirs shall be adjustable for leveling.

2. Location. Effluent overflow weirs shall be located to optimize actual hydraulic detention time, and minimize short circuiting.

3. Design Rates. Weir loadings shall not exceed 10,000 gallons per day per lineal foot (124 cubic meters per meter per day) for plants treating the average design rate of flow of one (1) million gallons per day (3,785 cubic meters per day) or less. Higher weir loadings may be used for plants designed for larger average flows, but shall not exceed 15,000 gallons per day per lineal foot (186 cubic meters per meter per day). If pumping is required, weir loadings must be related to pump delivery rates to avoid short circuiting.

4. Weir Troughs. Weir troughs shall be designed to prevent submergence at the maximum design rate of flow (peak daily flow), and to maintain a velocity of at least one foot per second (0.3 meter per second) at one-half of the average design rate of flow. Submergence may be permitted at the maximum design rate of flow (peak daily flow) with one unit out of service.

E. Submerged Surfaces. The tops of troughs, beams, and similar submerged construction elements shall have a minimum slope of 1.4 vertical to 1 horizontal; the underside of such elements should have a slope of 1 to 1 to prevent the accumulation of scum and solids.

F. Unit Dewatering. The bypass design shall provide for redistribution of the plant flow to the remaining units in operation.

G. Freeboard. Walls of settling tanks shall extend at least 6 inches (15 centimeters) above the surrounding ground surface and shall provide not less than 12 inches (30 centimeters) freeboard. Additional freeboard or the use of wind screens should be provided where larger settling tanks are subject to high velocity wind currents that would cause tank surface waves and inhibit effective scum removal.

6.3. Sludge and Scum Removal

A. Scum Removal. Effective scum collection and removal facilities, including baffling, shall be provided for primary, intermediate and secondary settling tanks. The unusual characteristics of scum which may adversely affect pumping, piping, sludge handling and disposal, should be recognized in design. Provisions may be made for the discharge of scum with the sludge; however, other special provisions for disposal may be necessary.

B. Sludge Removal. Sludge collection and withdrawal facilities shall be designed to assure rapid removal of the sludge. Suction withdrawal of sludge from the tank floor should be provided for activated sludge plants designed for reduction of the nitrogenous oxygen demand.

1. Sludge Hopper. When scrapers are used to move sludge into a discharge hopper, the minimum slope of the side walls shall be 1.7 vertical to 1 horizontal. Hopper wall surfaces should be made smooth with rounded corners to aid in sludge removal. Hopper bottoms shall have a maximum dimension of two feet (0.6 meter). Deep sludge hoppers for sludge thickening are not acceptable.

2. Sludge Removal Piping. Each hopper shall have an individually valved sludge withdrawal line at least six inches

(15 centimeters) in diameter. The static head available for withdrawal of sludge shall be 30 inches (76 centimeters) or greater, as necessary to maintain a three foot per second (0.91 meter per second) velocity in the withdrawal pipe. Clearance between the end of the withdrawal line and the hopper walls shall be sufficient to prevent bridging of the sludge. Adequate provisions shall be made for rodding or back-flushing individual pipe runs for activated sludge secondary clarifiers except for oxidation ditch clarifiers. Piping shall also be provided to return waste sludge to primary clarifiers.

3. Sludge Removal Control. Sludge wells shall be provided with telescoping valves or other equipment for viewing, sampling and controlling the rate of sludge withdrawal. The use of sight glass and sampling valves may be appropriate. A means of measuring the sludge removal rate shall be provided. Air lift type of sludge removal must not be used for removal of primary sludges. Sludge pump motor control systems shall include time clocks and valve controls for regulating the duration and sequencing of sludge removal.

6.4. Protective and Service Facilities

A. Operator Protection. All settling tanks shall be equipped to provide safe working conditions for operators. Such features shall include machinery covers, life lines, stairways, walkways, handrails and slip resistant surfaces.

B. Mechanical Maintenance Access. The design shall provide for convenient and safe access to routine maintenance items such as gear boxes, scum removal mechanisms, baffles, weirs, inlet stilling baffle area, sludge and scum pumps, and effluent channels.

C. Electrical Fixtures and Controls. Electrical fixtures and controls in enclosed settling basins shall meet the requirements of the National Electrical Code for Class 1, Group D, Division 1 locations. The fixtures and controls shall be located so as to provide convenient and safe access for operation and maintenance. Walkways, bridge area and area around settling tanks shall be illuminated with area lighting for operating personnel safety.

R317-3-7. Biological Treatment.

7.1. Trickling Filters

A. General. Trickling filters shall be preceded by effective settling tanks equipped with scum and grease collecting devices, or other suitable pretreatment facilities.

B. Hydraulics

1. Distribution. The sewage may be distributed over the filter by rotary distributors or other suitable devices which will ensure uniform wastewater distribution to the surface area. Uniform hydraulic distribution of sewage on the filters is required.

2. For reaction type distributors, a minimum head of 24 inches (61 centimeters) between low water level in the siphon chamber and center of the arms is required. Similar allowance in design shall be provided for added pumping head requirements where pumping to the reaction type distributor is used. The applicant should evaluate other types of drivers and drives.

3. A minimum clearance of 6 inches (15 centimeters) between media and distributor arms shall be provided. Larger clearance than 6 inches (15 centimeters) must be provided where ice buildup may occur.

C. Wastewater Application. Application of the sewage shall be continuous. The piping system shall be designed for recirculation. The design must provide for routine flushing of filters by heavy dosing at intermittent intervals.

D. Piping System. The piping system, including dosing equipment and distributor, shall be designed to provide capacity for the peak design rate of flow, including recirculation.

E. Media

1. Quality

a. The media may be crushed rock, slag, or specially manufactured material. The media shall be durable, resistant to spalling or flaking and insoluble in sewage. The top 18 inches (46 centimeters) shall have a loss by the 20-cycle, sodium sulfate soundness test of not more than 10 percent. The balance is to pass a ten-cycle test using the same criteria. Slag media shall be free from iron.

b. Manufactured media shall be resistant to ultraviolet degradation, disintegration, erosion, aging, all common acids and alkalies, organic compounds, and fungus and biological attack. Such media shall be structurally capable of supporting a man's weight or a suitable access walkway shall be provided to allow for distributor maintenance.

2. Depth. The filter design shall provide for a depth of:

a. not less than 5 feet (1.5 meters) above the underdrains, but not more than 10 feet (3 meters) when rock or slag media is used in the filters.

b. not less than 10 feet (3 meters) above the underdrains to provide adequate contact time with the wastewater, but not more than 30 feet (9 meters) unless additional structural construction and aeration are provided, when manufactured media is used in the filters.

3. Size and Grading of Media

a. Rock, Slag and Similar Media

(1) Rock, slag, and similar media shall not contain more than 5 percent by weight of pieces whose longest dimension is three times the least dimension.

(2) Media shall be free from thin, elongated and flat pieces, dust, clay, sand or fine material and shall conform to the size and grading when mechanically graded over vibrating screens with square openings, as shown in Table R317-3-7.1(E)(3(a)(2).

b. Manufactured Media. The applicant must evaluate suitability of manufactured media on the basis of experience with installations handling similar wastes and loadings.

c. Handling and Placing of Media. Material delivered to the filter site shall be stored on wood-planked or other approved clean, hard-surfaced areas. All material shall be rehandled at the filter site and no material shall be dumped directly into the filter. Crushed rock, slag and similar media shall be washed and rescreened or forked at the filter site to remove all fines. Such material shall be placed by hand to a depth of 12 inches (30 centimeters) above the tile underdrains. The remainder of material may be placed by means of belt conveyors or equally effective methods approved by the design engineer. All material shall be carefully placed so as not to damage the underdrains. Manufactured media shall be handled and placed as approved by the engineer. Trucks, tractors, and other heavy equipment shall not be driven over the filter during or after construction.

F. Underdrain System

1. Arrangement. Underdrains with semicircular inverts or equivalent should be provided and the underdrainage system shall cover the entire floor of the filter. Inlet openings into the underdrains shall have an unsubmerged gross combined area equal to at least 15 percent of the surface area of the filter.

2. Hydraulic Capacity and Ventilation.

a. The underdrains shall have a minimum slope of 1 percent. Effluent channels shall be designed to produce a minimum velocity of two (2) feet per second (0.61 meters per second) at average daily rates of application to the filter.

b. The underdrainage system, effluent channels, and effluent pipe shall be designed to permit a free passage of air preventing septicity within the filter. The size of drains, channels, and pipe should be such that not more than 50 percent of their cross-sectional area will be submerged under the design peak hydraulic loading, including proposed or possible future recirculated flows. Forced air ventilation must be provided for deep or covered filters using manufactured media. The design of filters should be compatible for the installation of odor

control equipment such as covers, forced air ventilation, scrubber, etc., as a retrofit.

3. Flushing. The design should include means for flushing of the underdrains. In small filters, use of a peripheral head channel with vertical vents is acceptable for flushing purposes. Means or facilities of inspection of underdrainage should be provided.

G. Special Features

1. Flooding. Appropriate valves, sluice gates, or other structures shall be provided to enable flooding of filters comprised of rock or slag media.

2. Freeboard. A freeboard of not less than 4 feet (1.2 meters) should be provided for tall filters using manufactured media, to maximize the containment of windblown spray.

3. Maintenance. All distribution devices, underdrains, channels, and pipes shall be installed so that they may be properly maintained, flushed or drained.

4. Freeze Protection. When climatic conditions are expected to result in operational problems due to cold temperatures, the filters may be covered for protection against freezing; maintaining operation and treatment efficiencies.

5. Recirculation. The piping and pumping systems shall be designed for recirculation rates as required to achieve sufficient wetting of biofilm and the design efficiency.

6. Recirculation Measurement. Recirculation rate to the filters shall be measured using flow measurement and recording devices. Time lapse meters and pump head recording devices are acceptable for facilities treating less than 1 million gallons per day (3,785 cubic meters per day).

H. Rotary Distributor Seals. Mercury seals are not permitted. The design of the distributor support septum shall provide for convenient and easy seal replacement to assure continuity of operation.

I. Multi-Stage Filters. The foregoing standards in this rule also apply to all multi-stage filters.

J. Unit Sizing

1. Required volumes of rock or slag media filters shall be based upon the following equations: For Single or First stage of Trickling Filter: $E = 100 - ((100 / (3 + 2 (R/I))) + (0.4 x (W / V) - 10))$. For Second stage of Trickling Filter: $E = 100 x ((1 + (R_2 / I)) / (2 + (R_2 / I)))$ where, E = Efficiency, percent R = recirculated flow through trickling filter, mgd I = raw sewage flow, mgd W = pounds of BOD_5 per day in raw sewage V = volume of filter media in 1000 cubic feet R_2 = recirculated flow through second-stage trickling filter, mgd.

2. The required volume of media may be determined by pilot testing or use of any of the various empirical design equations that have been verified through actual full scale experience. Such calculations must be submitted if pilot testing is not utilized. Pilot testing is recommended to verify performance predictions based upon the various design equations, particularly when significant amounts of industrial wastes are present.

3. Expected performance of filters packed with manufactured media shall be determined from documented full scale experience on similar installations or through actual use of a pilot plant on site.

K. Nitrification

1. Trickling filters may be used for nitrification. The design should be based as shown in Table R317-3-7.1(K)(1).

2. Nitrification is affected by variations in flow, loadings and temperature, and other factors. Therefore, the applicant must conduct pilot studies before developing the design criteria.

L. Design Safety Factors. Trickling filters are affected by diurnal load conditions. The volume of media determined from either pilot plant studies or use of acceptable design equations shall be based upon organic loading at the maximum design rate of flow rather than the average design rate of flow.

7.2. Activated Sludge

A. General. The activated sludge process and its several modifications may be used to accomplish varied degrees of removal of suspended solids, and reduction of carbonaceous and nitrogenous oxygen demand. The degree and consistency of treatment required, type of waste to be treated, proposed plant size, anticipated degree of operation and maintenance, and operating and capital costs determine the choice of the process to be used. The design shall provide for flexibility in operation. Plants over 1 million gallons per day (3,785 cubic meters per day) shall be designed to facilitate easy conversion to various operational modes. In severe climates, protection against freezing shall be provided to ensure continuity of operation and performance.

B. Aeration

1. Capacities and Permissible Loadings

a. The design of the aeration tank for any particular adaptation of the process shall be based on full scale experience at the plants receiving wastewater of similar characteristics under similar climatic conditions, pilot plant studies, or calculations based on process kinetics parameters reported in technical literature. The size of treatment plant, diurnal load variations, degree of treatment required, temperature, pH, and reactor dissolved oxygen when designing for nitrification, influence the design. Calculations using values differing substantially from those in the table shown below must reference actual operational data.

b. The applicant must substantiate capability of the aeration and clarification systems in the processes using mixed liquor suspended solids levels greater than 5,000 milligrams per liter.

c. The applicant shall use the values shown in Table R317-3-7.2(B)(1)(c) to determine the aeration tank capacities and permissible loadings for the several adaptations of the processes, when process design calculations are not submitted. These values are based on the average design rate of flow, and apply to plants receiving peak to average diurnal load ratios ranging from about 2:1 to 4:1.

2. Arrangement of Aeration Tanks

a. Dimensions. Effective mixing and utilization of air must be the basis of dimensions of each independent mixed liquor aeration tank or return sludge reaeration tank. Liquid depths should not be less than 10 feet (3 meters) or more than 30 feet (9 meters) unless the applicant justifies the need for shallower or deeper tanks.

b. Short-circuiting. The shape of the tank and the installation of aeration equipment should provide for positive control of short-circuiting through the aeration tank.

c. Number of Units. Total aeration tank volume shall be divided among two or more units, capable of independent operation, to meet applicable effluent limitations and reliability guidelines.

d. Inlets and Outlets. Inlets and outlets for each aeration tank unit shall be suitably equipped with valves, gates, stop plates, weirs, or other devices to permit controlling the flow to any unit and to maintain reasonable constant liquid level. The hydraulic properties of the system shall permit the maximum instantaneous hydraulic load to be carried with any single aeration tank unit out of service.

e. Conduits. Channels and pipes carrying liquids with solids in suspension shall be designed to maintain self-cleaning velocities or shall be agitated to keep such solids in suspension at all rates of flow within the design limits. Drains shall be installed in the aeration tank to drain segments or channels which are not being used due to alternate flow patterns.

f. Freeboard. All aeration tanks should have a freeboard of not less than 18 inches (46 centimeters). Additional freeboard or windbreak may be necessary to protect against freezing or windblown spray.

3. Aeration Requirements

a. Oxygen requirements must be calculated based on factors such as, maximum organic loading, degree of treatment, level of suspended solids concentration (mixed liquor) to be maintained, and uniformly maintaining a minimum dissolved oxygen concentration in the aeration tank, at all times, of two milligrams per liter.

b. When pilot plant or experimental data on oxygenation requirements are not available, the design oxygen requirements shall be calculated on the basis of:

(1) 1.2 pounds 0_2 per pound of maximum BOD_5 applied to the aeration tanks (1.2 kilograms 0_2 per kilogram of maximum BOD_5), for carbonaceous BOD_5 removal in all activated sludge processes with the exception of the extended aeration process,

(2) 2 pounds 0_2 per pound of maximum BOD_5 applied to the aeration tanks (two kilograms 0_2 per kilogram of maximum BOD_5) for carbonaceous BOD_5 removal in the extended aeration process,

(3) 4.6 pounds 0_2 per pound of maximum total kjeldahl nitrogen (TKN) applied to the aeration tanks (1.2 kilograms 0_2 per kilogram of maximum TKN), for oxidizing ammonia in the case of nitrification, and

(4) oxygen demand due to the high concentrations of BOD_5 and TKN associated with recycle flows such as, digester supernatant, heat treatment supernatant, belt filter pressate, vacuum filtrate, elutriates, etc.

c. Oxygen utilization should be maximized per unit power input. The aeration system should be designed to match the diurnal organic load variation while economizing on power input.

4. Diffused Air Systems

a. The design of the diffused air system to provide the oxygen requirements shall be done using data derived from pilot testing or an empirical approach.

b. Air requirements for a diffused air system may be determined by use of any of the recognized equations incorporating such factors as:

(1) tank depth;

(2) alpha factor of waste;

(3) beta factor of waste;

(4) certified aeration device transfer efficiency;

(5) minimum aeration tank dissolved oxygen concentrations;

(6) critical wastewater temperature; and

(7) altitude of plant.

c. In the absence of experimentally determined alpha and beta factors by an independent laboratory for the manufacturer or at the site, wastewater transfer efficiency shall be assumed to be 50 percent of clean water efficiency for plants treating primarily (90 percent or greater) domestic sewage. Treatment plants where the waste contains higher percentages of industrial wastes shall use a correspondingly lower percentage of clean water efficiency and shall submit calculations to justify such a percentage.

d. The design air requirements shall be calculated on the basis of:

(1) 1,500 cubic feet per pound of maximum BOD_5 applied to the aeration tanks (94 cubic meters per kilogram of maximum BOD_5), for carbonaceous BOD_5 removal in all activated sludge processes with the exception of the extended aeration process,

(2) 2,000 cubic feet per pound of maximum BOD_5 applied to the aeration tanks (125 cubic meters per kilogram of maximum BOD_5) for carbonaceous BOD_5 removal in the extended aeration process,

(3) 5800 cubic feet per pound of maximum total kjeldahl nitrogen (TKN) applied to the aeration tanks (360 cubic meters per kilogram of maximum TKN), for oxidizing ammonia in the case of nitrification,

(4) corresponding air quantities for satisfaction of oxygen demand due to the high concentrations of BOD_5 and TKN associated with recycle flows such as, digester supernatant, heat treatment supernatant, belt filter pressate, vacuum filtrate, elutriates, etc., and

(5) air required for channels, pumps, aerobic digesters, or other uses.

e. The capacity of blowers or air compressors, particularly centrifugal blowers, must be calculated on the basis of air intake temperature of 40 degrees Centigrade (104 degrees Fahrenheit) or higher and the less than normal operating pressure. The capacity of drive motor must be calculated on the basis of air intake temperature of -30 degrees Centigrade (-22 degrees Fahrenheit) or less. The design must include means of controlling the rate of air delivery to prevent overheating or damage to the motor.

f. The blowers shall be provided in multiple units, so arranged and in such capacities as to meet the maximum air demand with the single largest unit out of service. The design shall also provide for varying the volume of air delivered in proportion to the load demand of the plant. Aeration equipment shall be easily adjustable in increments and shall maintain solids suspension within these limits.

g. Diffuser systems shall be capable of providing for the maximum design oxygen demand or 200 percent of the average design oxygen demand, whichever is larger. The air diffusion piping and diffuser system shall be capable of delivering normal air requirements with minimal friction losses.

h. Air piping systems should be designed such that total head loss from blower outlet (or silencer outlet where used) to the diffuser inlet does not exceed 0.5 pounds per square inch (0.04 kilogram per square centimeter) at average operating conditions.

i. The spacing of diffusers should be in accordance with the oxygen requirements through the length of the channel or tank, and should be designed to facilitate adjustment of their spacing without major revision to air header piping. Removable diffuser assemblies are recommended to minimize downtime of aeration tanks.

j. Individual assembly units of diffusers shall be equipped with control valves, preferably with indicator markings for throttling, or for complete shutoff. Diffusers in any single assembly shall have substantially uniform pressure loss.

k. Air filters shall be provided in numbers, arrangements, and capacities to furnish, at all times, an air supply sufficiently free from dust to prevent damage to blowers and clogging of the diffuser system used.

5. Mechanical Aeration Systems

a. Oxygen Transfer Performance. The mechanism and drive unit shall be designed for the expected conditions in the aeration tank in terms of the power performance. The mechanical aerator performance shall be verified by certified testing.

b. Design Requirements. The design requirements of a mechanical aeration system shall accomplish the following:

(1) Maintain a minimum of 2.0 milligrams per liter of dissolved oxygen in the mixed liquor at all times throughout the tank or basin;

(2) Maintain all biological solids in suspension;

(3) Meet maximum oxygen demand and maintain process performance with the largest unit out of service; and

(4) Provide for varying the amount of oxygen transferred in proportion to the load demand on the plant.

c. Winter Protection. Due to high heat loss and the nature of spray-induced agitation, the mechanism, as well as subsequent treatment units, shall be protected from freezing where extended cold weather conditions occur.

6. Return Sludge Equipment

a. Return Sludge Rate

(1) The minimum permissible return sludge rate of withdrawal from the final settling tank is a function of the

concentration of suspended solids in the mixed liquor entering it, the sludge volume index of these solids, and the length of time these solids are retained in the settling tank. Since undue retention of solids in the final settling tanks may be deleterious to both the aeration and sedimentation phases of the activated sludge process, the rate of sludge return expressed as a percentage of the average design flow of sewage should be between the limits set forth in Table R317-3-7.2(B)(6)(a)(1).

(2) The rate of sludge return shall be varied by means of variable speed motors, drives, or timers (in plants designed for less than one million gallons per day - 3,785 cubic meters per day) to pump sludge at the above rates.

b. Return Sludge Pumps

(1) If motor driven return sludge pumps are used, the maximum return sludge capacity shall be with the largest pump out of service. A positive head should be provided on pump suctions. Pumps should have at least 3 inch (7.6 centimeters) suction and discharge openings.

(2) If air lifts are used for returning sludge from each settling tank hopper, no standby unit is required provided the design of the air lifts are such to facilitate their rapid and easy cleaning and provided standby air lifts are provided. Air lifts should be at least 3 inches (7.6 centimeters) in diameter.

c. Return Sludge Piping. Discharge piping shall not be less than 4 inches (10 centimeters) in diameter, and should be designed to maintain a velocity of not less than two (2) feet per second (0.61 meters per second) when return sludge facilities are operating at normal return sludge rates. Sight glasses, sampling ports and rate of flow controllers for return activated sludge flow from each settling tank hopper shall be provided.

7. Waste Sludge Facilities

a. The design of waste sludge control facilities should be based on a logically developed solids mass balance at the maximum design flow. Otherwise, a maximum capacity of not less than 25 percent of the average design flow shall be provided, and function satisfactorily at rates of 0.5 percent of average sewage flow or a minimum of 10 gallons per minute (0.63 liters per second), whichever is larger.

b. Sight glasses, sampling ports and rate of flow controllers for waste activated sludge flow shall be provided.

c. Waste sludge may be discharged to the concentration or thickening tank, primary settling tank, sludge digestion tank, vacuum filters, other thickening equipment, or any practical combination of these units.

7.3. Flow Measurement. Instrumentation should be provided in all plants for indicating flow rates of raw sewage or primary effluent, return sludge, and air to each tank unit. For plants designed for the average design rate of flow of 1 million gallons per day (3,785 cubic meters per day) or more, these devices should total, record, and indicate the rate of flow. Where the design provides for all return sludge to be mixed with the raw sewage (or primary effluent) at one location, then the mixed liquor flow rate to each aeration unit should be measured.

7.4. Other Biological Systems. The executive secretary may consider and approve new biological treatment processes with promising applicability in wastewater treatment. The approval will be based on the required engineering data for new process evaluation as provided in this rule.

7.5. Packaged Plants. The executive secretary may consider and approve packaged biological treatment plants only when there are no other and appropriate alternatives for waste treatment. These type of plants shall be designed for handling large flow variations and to meet all requirements contained in this rule. The applicant must consider the need for close attention and competent operating supervision, including routine laboratory control, when proposing a packaged plant.

R317-3-8. Disinfection.

8.1. General

A. All wastewaters containing pathogens or coliform bacteria must be disinfected before discharge to a water course. The disinfection procedures must consider any effect on the natural aquatic habitat and biota of the receiving water course. Effectiveness of disinfection also varies with BOD_5 and suspended solids in the effluent. If chlorination is utilized, it may be necessary to dechlorinate if the residual chlorine level would otherwise impair the receiving water course. The applicant must submit justification to the executive secretary for the determination of the acceptability of any disinfection system other than chlorination or ultraviolet irradiation.

B. If effluent to be discharged meets applicable bacteriologic standards before disinfection, the executive secretary may waive the disinfection process. However, all plants must have an ability to introduce a disinfectant in the effluent with proper reaction time before discharge. An example could be multi-celled (more than three cells) lagoon discharge following extended storage in excess of 150 days.

C. The disinfection method should be selected after due consideration of wastewater flow rates, application rates, demand rates and effects, pH of the wastewater, cost of equipment, availability, maintenance, reliability and safety problems.

D. Chlorine is the most commonly used chemical for wastewater disinfection. The forms most often used are liquid-gaseous chlorine and sodium and calcium hypochlorite. The executive secretary may review and accept other disinfection methods based on the information submitted.

8.2. Design

A. Capacity of System

1. Required disinfection capacity will vary, depending on the uses and points of application of the disinfectant, e.g., prechlorination, post chlorination, odor and process control uses, etc.

2. For disinfection of the wastewater before its discharge to a water course, the disinfection system capacity shall be sufficient to produce an effluent that will meet the coliform bacteria limits specified for that installation at all times. This condition must be attainable when maximum flow rates occur and during emergency conditions. For non-chemical disinfecting systems, an equivalent installed capacity shall be provided. Normal dosage requirements for disinfection will vary with the quality of effluent to be treated.

3. Duplicate disinfection systems shall be provided. Where only two units are installed, each shall be capable of feeding the expected maximum dosage rate.

4. Disinfection system equipment should be provided with necessary changeable parts to permit operation of system at initial anticipated flows at mid-scale on flow meters and other devices. Spare parts shall be provided for all disinfection equipment to replace parts which are subject to wear and breakage. Operation and maintenance data for all equipment shall be furnished.

5. Dosage control based on effluent flow rate should be provided because of the diurnal variations in the disinfectant demand of the wastewater. A residual disinfectant concentration must be maintained to insure the pathogen destruction, and subsequent reactivation, if any.

B. Contact Period

1. For a chlorination system, a minimum contact period is required after a thorough mixing of disinfectant with the effluent. The minimum contact period shall be greater of:

a. 30 minutes at the maximum design rate of flow (peak daily rate of flow) or the maximum pumping rate, or

b. 60 minutes at the average design rate of flow.

2. This contact period shall normally be provided in the contact tank. Contact period in pipeline or outfalls before discharge into a water course, may be credited towards the contact time if the effluent discharge point can be sampled.

C. Contact Chambers

1. The contact chambers must be designed such that:

a. effectiveness of disinfection is maximized;

b. accumulation of solids is minimized;

c. maintenance and cleaning is facilitated; and

d. short circuiting of flow is reduced to a practical minimum by installation of baffles.

2. Two tanks are required for all plants treating more than 1 million gallons per day (3,785 cubic meters per day). Means of removal of solids from the tank bottom shall be provided. Solids and drainage water must be returned to the head end of the plant. Skimming devices should be provided in all contact tanks. Covered tanks must have means of access for maintenance and cleaning.

3. Pipelines and outfall sewers may be acceptable as effective plug-flow contact chambers.

4. The applicant must incorporate all of the above process and design features in devices using other disinfecting methods.

D. Point of Application

1. The design shall provide for application of chlorine or other disinfectants to all fully treated, partially treated, or untreated wastewater discharged from the treatment plant. Other points of application shall be incorporated in the design for process considerations such as prechlorination, odor control, control of sludge bulking, etc. All application points shall be submerged below the wastewater surface.

2. Chlorine shall be positively mixed as rapidly as possible, with a complete mix being effected in three seconds. This may be accomplished by either the use of turbulent flow regime or a mechanical flash mixer.

8.3. Disinfection Methods

A. Chlorination (Liquid or Gaseous Chlorine)

1. Equipment

a. The installed capacity of a chlorine feed system shall be sufficient to provide a dosage of 25 milligrams per liter at the maximum design rate of flow. Procedures recommended by the Chlorine Institute and the Occupational Safety and Health Administration, the US Department of Labor, and succeeding organizations should be carefully followed in handling, installation, operation and maintenance of chlorination equipment. The requirements, procedures and recommendations from these organizations take precedence over the requirements stated herein, if more stringent.

b. Liquid chlorine lines from tank cars to evaporators shall be buried and installed in a conduit and shall not be exposed in below grade spaces. Systems shall be designed for the shortest possible pipe transportation of liquid chlorine. When chlorine cylinders are used, two scales, indicating and recording type, should be used for weighing the cylinders in use. Each scale should be sized to accommodate the maximum number of cylinders required to deliver chlorine at the maximum chlorine feeding rate. Adequate means for supporting cylinders on the scales should be provided. Scales shall be of corrosion-resistant material.

c. Separate manifolds shall be provided for the bank of cylinders on each scale. The manifolds shall be properly valved so that one bank of cylinders may be replaced while chlorine is being withdrawn from the other bank of cylinders. Provision should be made for automatically changing the withdrawal of chlorine from one bank of cylinders to the second when the chlorine in the first bank of cylinders has been exhausted.

d. Gas chlorinators shall be of the solution feed type. The design capacity of evaporators must correspond to gaseous chlorine demand, where several cylinders or ton containers are manifolded to evaporate sufficient chlorine. Chlorine gas systems and piping should be of vacuum type.

2. Housing and Storage

a. Local, state and federal safety requirements, including fire code, shall be carefully followed in storing and handling of chlorine containers, cylinders or tank cars.

b. Gaseous chlorine and chlorination equipment rooms shall be isolated from other sections of the building by gas-tight partitions. Separation of the chlorine storage room and the chlorination equipment room is required for safety. All doors and rooms containing gas chlorination equipment and rooms used for chlorine gas storage should open only to the outside of the building, and all doors should be equipped with panic hardware and a viewing window. Multiple exits to the outside should be provided for each room in which chlorine gas is stored or used. Rooms housing chlorination equipment should be heated to 70 degrees Fahrenheit (21 degrees Centigrade), but never in excess of normal summer temperatures. Rooms containing chlorine cylinders from which chlorine is being withdrawn should be heated to above 60 degrees Fahrenheit (16 degrees Centigrade), but never above the temperature of the equipment room. Where chlorine containers are stored out of doors, the storage area shall be provided with a canopy. Similar precautions should be taken for tank cars. Also, if containers are stored out of doors, cylinders and containers must be allowed to reach room temperature before being placed in use. Floor drains from chlorine rooms must not be connected to floor drains from other rooms.

c. Chlorine rooms shall be at ground level, and should permit easy access to all equipment. The storage area should be separated from the feed area. Chlorination equipment should be situated as close to the application point as reasonably possible.

3. Ventilation and Heating

a. With chlorination systems, forced, mechanical ventilation shall be installed which will provide one complete air change per minute when the room is occupied.

b. When unoccupied, facilities in the ventilation system may be provided with means to reduce the number of air changes to twenty per hour to conserve energy. Whenever such a two-speed ventilation system is used, adequate provisions shall be made to insure that one complete air change per minute is provided when the room is occupied.

c. The entrance to the air exhaust duct from the room shall be near the floor and the point of discharge shall be so located as not to contaminate the air inlet to any buildings or inhabited areas.

d. Air inlets shall be so located as to provide cross ventilation with air and at such temperature that will not adversely affect the chlorination equipment. The vent hose from the chlorinator shall discharge to the outside atmosphere above grade or to the scrubbing system.

e. Switches for exhaust fans and cylinders shall be kept at essentially room temperature.

f. Chlorine scrubbing systems should be incorporated in the design of handling and storage areas where required by the state or local codes.

4. Ancillary Services

a. Water Supply. An ample supply of water meeting a minimum of secondary effluent quality, R317-1, Definitions and General Requirements, shall be available for operating the chlorinator. All in-plant use of effluent shall be taken from downstream of the sampling point for effluent quality monitoring and permit compliance. Where a booster pump is required, a standby booster pump shall be provided, and standby power shall be available.

b. Other Equipment. All electrical fixtures and drainage conduits in chlorination equipment rooms and chlorine storage rooms shall be gas-tight to prevent the spread of chlorine gas in the event of a leak.

5. Piping and Material. Piping systems should be as simple as possible, specifically selected and manufactured to be suitable for chlorine service, with a minimum number of joints. Piping should be well supported and protected against temperature extremes. Low pressure lines made of hard rubber,

saran-lined, rubber-lined, polyethylene, polyvinyl chloride (PVC), or Uscolite materials are satisfactory for wet chlorine or aqueous solutions of chlorine.

6. Reliability. The design of the system must include the necessary provisions that will either prevent failures or allow immediate corrective action to be taken. Standby power, duplicate equipment and water storage shall be incorporated in the design to prevent interruption of feed, water supply and backup to power and equipment failures.

7. Residual Monitoring

a. An indicating and recording type residual chlorine analyzer using accepted test procedures shall be installed to monitor residual chlorine as required in the discharge permit.

b. Where dechlorination is used, residual chlorine analyzers shall be equipped with audible and visual alarms to indicate discharge of chlorine in the effluent.

8. Safety

a. At least two complete sets of respiratory air-pac protection equipment, meeting the requirements of the Occupational Safety and Health Administration (OSHA), shall be available where chlorine gas is handled, and shall be stored at a convenient location, but not inside any room where chlorine is used or stored. Instructions for using the equipment shall be posted near the equipment. The equipment shall, using compressed air, have at least 30-minute capacity, and be compatible with the equipment used by the fire department responsible for the plant.

b. Where ton containers or tank cars are used, a leak repair kit approved by the Chlorine Institute shall be provided. Caustic soda solution reaction tanks for absorbing the contents of leaking ton containers must be provided where such containers are in use. The installation of automatic gas detection and related alarm equipment must be provided.

B. Ultraviolet Irradiation

1. The executive secretary will consider and approve the use of ultraviolet irradiation for disinfection of wastewater treatment plant effluent based on the information submitted. Effectiveness of this system depends upon shallowness of depth or contact volume at the point of application and relative absence of suspended solids.

a. The applicant must submit supporting data describing the proposed system and including such items as contact geometry between the ultraviolet light source and water, reliability, and suitability of the effluent for this process. Designs should be investigated for sound application of the fundamentals of UV disinfection theory.

b. The design shall be based on factors such as, plug-flow hydraulics, intimate contact with the UV light for a sufficient period, short-circuiting, illumination. Tracer test results are helpful in assessment of hydraulic characteristics.

c. Materials of construction should be consistent with the wastewater and environment.

2. The design of ultraviolet disinfection systems shall be based on on-site testing and the following considerations:

a. Wastewater characteristics. Concentration of total suspended solids (TSS), calcium, magnesium, iron, etc., should be such that UV disinfection is effective. The wastewater should contain low levels of total suspended solids, preferably 20 milligrams per liter or below, and must transmit at least 50 percent of UV light through a wastewater depth of one (1) centimeter.

b. Layout

(1) Adequate space around the UV units to accommodate maintenance activities is required.

(2) Easy removal and replacement of lamps without the use of special tools by one man should be a feature of the equipment design.

(3) The ballasts should be arranged for ready and unhindered access for removal or replacement of any ballast without having a need to remove others.

(4) The layout design must provide adequate floor space for any separate components of the UV system in addition to the UV reactor itself, including requirements for power supply cabinets or cleaning equipment.

(5) Modular design with multiple units to allow uninterrupted service when performing maintenance must be specified.

3. Electrical Requirements

a. power consumption of this process alone should be separately metered.

b. UV lamps and ballasts must be properly matched. The proper matching of lamp and ballast will improve the lamps output and extend its useful life.

c. arrangements for shutting off banks of lamps within a single unit must be provided for lamp replacement or maintenance.

d. power controls should be provided for matching output of lamps with the rate of flow, and system maintenance by the plant staff.

e. minimum electrical standards of construction shall conform to the National Electrical Code, and other applicable codes and standards, consistent with the location or environment surrounding the UV unit and associated equipment.

4. Ventilation. Adequate ventilation to the structure housing the electrical components of the system must be provided to prevent failures from overheating.

5. Cleaning

a. The various means of chemical cleaning available must be evaluated. The evaluation must cover methods required for the unit to be drained; volume of cleansing agent required per cleaning; disposition of spent cleaning solution; manpower requirements to accomplish a cleaning cycle; capital costs of the cleaning and equipment; cleaner cost availability; and special storage and handling needs.

b. The system design must provide for complete draining and easy cleaning.

c. Ultrasonic cleaning must be considered for prevention of biofilm growth on non-illuminated quartz sleeves.

6. Monitoring and Instrumentation

i. Adequate staffing and resources to conduct the data collection and monitoring required for assessing performance must be provided.

ii. Each individual lamp output shall be measured and recorded.

8.4. Dechlorination

A. Sulfur Dioxide (SO_2)

1. Sulfur dioxide is most readily available in liquid (gaseous) form in ton containers similar to chlorine. Approximately, 1 milligram per liter of sulfur dioxide is required to dechlorinate 1 milligram per liter of chlorine residual (free or combined).

2. The dechlorination reaction between sulfur dioxide and both free and combined chlorine is a rapid reaction and requires only a few seconds of contact. The design of sulfur dioxide system must be based on the following considerations:

a. Equipment. Generally sulfur dioxide shall be fed as a gas similar to chlorine gas, as described in R317-3-8. The sulfur dioxide header should be heated to prevent re-liquefaction.

b. Housing and Storage. These requirements are same as to those for chlorine, as described in R317-3-8.

c. Ventilation. These requirements are same as to those for chlorine, as described in R317-3-8.

d. Ancillary Services. These requirements are same as to those for chlorine, as described in R317-3-8.

e. Piping and Material. Pipe material (plastics) inside the sulfonator must be compatible with continuous exposure to

sulfur dioxide gas.

f. Reliability. These requirements are same as to those for chlorine, as described in R317-3-8.

g. Residual Monitoring. Control is critical when sulfur dioxide is used as the dechlorinating agent because excess sulfur dioxide consumes excess dissolved oxygen in the wastewater or receiving waters. The dechlorination reaction between sulfur dioxide and both free and combined chlorine is rapid, a few seconds at the most, so sampling can be performed immediately downstream of good mixing. The system should be monitored with a residual chlorine analyzer.

h. The design shall incorporate reaeration of the effluent to be in compliance with the dissolved oxygen requirement, if any, of the discharge permit.

i. Safety

(1) Adequate precautions must be taken for storing sulfur dioxide as it is a potentially hazardous chemical to store.

(2) Provide the same amount of air changes per hour as would be required for chlorine, together with a sulfur dioxide sensing and alarm detector.

B. Other Dechlorinating Agents. The executive secretary may review and approve other methods and chemicals for dechlorination based on the information submitted.

R317-3-9. Sludge Processing and Disposal.

9.1. Design Considerations

A. Process Selection

1. The selection of sludge handling and disposal methods must be based on the following considerations:

a. Energy requirements;

b. Efficiency of equipment for sludge thickening;

c. Complexity and costs of equipment and operations;

d. Staffing requirements;

e. Toxic effects of heavy metals and other substances on sludge stabilization and disposal alternatives;

f. Treatment and disposal of side-stream flows, such as digester and thickener supernatant;

g. Process considerations and good house keeping procedures for minimum waste stream generation;

h. A back-up method of sludge handling and disposal; and

i. The long term effects and regulatory requirements on methods of ultimate sludge disposal.

2. The selected process shall be designed to result in stabilized sludge prior to disposal. Significant reduction of odors, volatile solids and reduction or deactivation of pathogenic organisms can be achieved by chemical, physical, thermal or biological treatment processes; thereby reducing public health hazards and nuisance conditions.

B. Sludge Quantities

1. The sludge treatment system shall be designed to accommodate the quantities of sludge generated through the design period. Individual process sizing shall consider the sludge generation peaking factors appropriate for the size and type of facility, with allowance for: seasonal variations, industrial loads, and type of collection system. Reserve capacity in the form of off-line storage, standby units or use of extended hours of operation should be considered to handle peak sludge loads.

2. In plants treating less than one million gallons per day (3,785 cubic meters per day), sludge dewatering equipment may operate for less than 35 hours per week. Sludge processing equipment must be designed to operate efficiently over the range of sludge characteristics expected from the preceding unit process. The design engineer shall submit to the executive secretary, copies of design sizing calculations and relevant information to include:

a. average and maximum sludge quantities;

b. number and size of units;

c. equipment characteristics, conditioning chemical requirements and basic sizing parameters;

d. hours of operation;

e. expected capture efficiency;

f. expected percent solids yield.

C. Recycle loads. The sludge system as well as the liquid handling system shall be designed to take into consideration the recycle BOD5, suspended solids, nitrogen and phosphorus from the solids processing units. The magnitude of such recycle loads and resulting additional sludge will normally range from 5 to 30 percent of the influent loads. Solids balances to account for the additional solids must be calculated.

D. Sludge Storage

1. Design Considerations

a. When the plant design, except for the lagoons, does not include aerobic or anaerobic digesters, or gravity thickeners, etc., a minimum sludge storage for the entire sludge production over a two week period must be provided.

b. In-line storage by increasing mixed liquor solids concentration in aeration tanks or increasing retention in settling tanks is not permitted.

c. Aerated off-line sludge storage of not less than seven days shall be provided for oxidation ditch type activated sludge plants without a sludge digestion process.

2. Equipment Design. The sludge storage system should be equipped with mixing devices to prevent separation of solids and provide a more uniform feed to dewatering devices. Provision for adding lime, chlorine or air to prevent septicity and resulting odors is desirable. Decanting systems to provide thicker solids and flushing water to clean out tankage are necessary. Covering and odor control devices should be provided to minimize nuisance conditions.

9.2. Sludge Pumps and Piping

A. Design Basis

1. Pump Capacity. Capacity shall be adequate to cover the full range of solid concentrations and sludge production. Variable speed or other rate control systems should be provided for all sludge pumps. Maximum operating pressure should be calculated to account for the high friction factor when pumping thixotropic sludges in low velocity laminar ranges.

2. Duplicate Units. Duplicate units shall be provided where failure of one unit would seriously hamper plant operation. Pump suction and discharge manifolds should be interconnected so that one pump discharge can be used to backflush other suction piping.

3. Minimum Head. A minimum positive static head of 24 inches (61 cm) shall be provided at the suction side of centrifugal type pumps and is desirable for all types of sludge pumps. Maximum suction lift should not exceed 10 feet (3 meters) for plunger or diaphragm pumps.

4. Piping

a. Size. Sludge withdrawal piping shall have a minimum diameter of 8 inches (20 cm) for gravity withdrawal and 6 inches (15 cm) for pump suction and discharge lines. Where withdrawal is by gravity, available head shall be adequate to provide sufficient velocity in pipe; thereby preventing solids deposition in pipe.

b. Slope. Gravity flow piping should be laid on a uniform grade and alignment. The slope of gravity discharge lines should not be less than 3 percent.

c. Lining. Scum and primary sludge conveying piping should be lined with a low roughness material such as, glass lining, to reduce friction and to aid in cleaning and maintenance.

B. Equipment Features

1. Plunger type, screw feed type, rotary lobe type, recessed-impeller centrifugal type, progressive cavity type or other types of pumps with demonstrated solids handling capability shall be provided for handling raw sludge. Plunger pump backup for centrifugal pumps is recommended. The abrasive nature of sludges, especially those containing grit, must

be considered in the selection of pump type and materials of construction.

2. Sludge grinders should be used where downstream process equipment, such as frame and plate presses, centrifuges, heat exchangers, sludge mixing devices or progressive cavity pumps, is susceptible to rag or trash build-up.

3. Valves. The piping system shall be equipped with isolation valves to allow for repairs and replacement of equipment or metering devices.

4. Piping Layout. Provisions should be made for cleaning, draining and flushing sludge piping. Flanges tees and crosses and cleanouts to allow rodding of suction line are desirable. Provision for back flushing with positive displacement pump discharge is desirable. Provision for cleaning by hot water, steam injection, in-line pigging or chemical degreasing should be considered in long lines containing raw sludge or scum.

C. Control Devices

1. Flow meters should be provided on all process and ancillary lines such as feed, withdrawal, gas, transfer, recirculation, hot water etc. Provision should be made for equipment isolation, cleaning and calibrating.

2. Sludge pumps used on intermittent withdrawal service should be equipped with variable timer equipment.

3. Quick-closing sampling valves shall be installed at the sludge pump, unless sludge sampling is provided separately elsewhere. The size of the valve and piping shall be at least 1 1/2 inches in diameter (3.8 centimeters).

9.3. Sludge Thickeners

1. The design of thickeners (gravity, dissolved-air flotation, centrifuge, and others) should consider the type and concentration of sludge, the sludge stabilization processes, the method of ultimate sludge disposal, chemical needs, and the cost of operation. The pumping rate and piping of the concentrated sludge should be selected such that anaerobic conditions are prevented.

2. No credit towards sludge storage or digestion, if any, in thickeners shall be permitted.

A. Gravity Thickening

1. Design Basis

a. Typical loading rates and resulting solids concentration for gravity thickening are as shown in Table R317-3-9.3(A)(1)(a).

b. Equipment and piping must be designed to deliver sufficient dilution water to gravity thickeners. Flow rate of dilution water shall be measured and recorded. Hydraulic loading to produce overflow rates of 400 to 800 gallons per day per square foot (16-33 cubic meter per day per square meter) shall be maintained to prevent septicity.

2. Equipment Features

a. Heavy duty scrapers capable of withstanding extra heavy torque loads should be provided.

b. Sidewater depths of 10-14 feet (3-4.2 meters) are recommended.

c. Ability to add chlorine solution should be provided to prevent septicity.

d. Tank covers and odor control systems should be considered depending on adjacent land use.

B. Co-Settling. Trickling filter or activated sludge may be returned to primary clarifiers for co-settling. If this method is utilized:

1. Peak design overflow rates for the primary clarifier shall not exceed 1,500 gallons per day per square foot (61 cubic meters per day per square meter), including recirculated sludge flow, and

2. Minimum sidewater depth in the primary clarifier must not be less than 12 feet (3.7 meters).

9.4. Anaerobic Digestion

A. Design Basis

1. The anaerobic digestion system shall provide for active digestion, supernatant separation, sludge concentration and storage. Heating and gas collection systems are required. Mixing systems for primary digesters shall be provided, and are recommended for secondary digesters.

2. Multiple digestion units shall be provided in all plants designed for more than 1 million gallons per day (3,7854 cubic meter per day) rate of flow. For plants designed for less than one million gallons per day (3,785 cubic meters per day), alternative methods of sludge stabilization and emergency storage must be available if only one unit is available.

3. The total digestion tank capacity should be determined by rational calculations based upon the following factors:

a. sludge characteristics - volume and percent solids,

b. the temperature to be maintained in the digesters,

c. the degree and extent of mixing in the digesters, and

d. the degree of volatile solids reduction desired.

4. Calculations shall be submitted to justify the basis of design. Otherwise, the following assumptions shall be used:

a. sludge characteristics - domestic wastewater sludge volume generated as shown in Table R317-3-9.4(A)(4)(a).

b. the temperature to be maintained in the digesters: 90 to 100 degrees Fahrenheit (32-38 degrees Centigrade).

c. the degree and extent of mixing in the digesters: 40 horsepower per million gallons (8 watts per cubic meter).

d. volatile solids in digested sludge: 50 percent.

5. Completely-mixed systems, mixed at an intensity such that digester contents are completely turned over every 30 minutes, may be loaded at a rate up to 120 pounds of volatile solids per 1,000 cubic feet of volume per day (1.92 kilograms per cubic meter per day) in the active digestion units. When grit removal facilities are not provided, the digester volume must be increased to accommodate grit accumulation.

6. Moderately mixed digestion systems, mixed by circulating sludge through an external heat exchanger, may be loaded at a rate up to 40 pounds of volatile solids per 1,000 cubic feet of volume per day (0.64 kilograms per cubic meter per day) in the active digestion units. This loading may be modified upward or downward depending upon the degree of mixing provided.

7. For those units intended to serve as supernatant separation tanks, the depth should be sufficient to allow for the formation of a reasonable depth of supernatant liquor. A minimum sidewater depth of 20 feet (6.1 meters) is recommended.

B. Tank Covers

1. All anaerobic digestion tanks shall be covered. Primary tanks may be equipped with gas-tight, fixed steel or concrete covers or floating steel covers made gas-tight by extended rims. Secondary tank covers may be of the fixed type or floating steel type, including gas storage type units.

2. Floating covers shall be equipped with a guide rail system to prevent tipping and lower-landing ridges, and cover restraints.

C. Sludge Inlets and Outlets

1. Multiple recirculation, withdrawal and return points, should be provided, to enhance flexible operation and effective mixing, unless mixing facilities are incorporated within the digester. The returns, in order to assist in scum breakup, should discharge above the liquid level and be located near the center of the tank.

2. Raw sludge feed to the digester should be through the sludge heater and recirculation return piping, or directly to the tank if internal mixing facilities are provided.

3. Sludge withdrawal to disposal should be from the bottom of the tank. This pipe should be interconnected with the recirculation piping, if such piping is provided, to increase versatility in mixing the tank contents. Additional alternative withdrawal lines should be provided.

D. Supernatant Withdrawal

1. Supernatant piping should not be less than 6 inches (15 centimeters) in diameter. Piping should be arranged so that withdrawal can be made from three or more levels in the digester. A positive, unvalved, vented overflow shall be provided with a drop leg for a liquid seal and downstream vent.

2. If a supernatant selector is provided, provisions shall be made for at least one other draw-off level, located in the supernatant zone of the tank, in addition to the unvalved emergency supernatant draw-off pipe. High pressure back-wash facilities shall be provided.

3. Multiple supernatant draw-offs should be provided for sampling at different levels. Sampling pipes must be at least 1 1/2 inches (3.8 centimeters) in diameter, and should terminate at a suitably-sized sampling sink or basin.

E. Sampling. Sampling hatches shall be provided in all tank covers with water seal tubes extending to beneath the liquid surface.

F. Gas Collection, Piping and Appurtenances

1. General. All portions of the gas system, including the space above the tank liquor, storage facilities and piping, shall be so designed that under normal operating conditions, including sludge withdrawal, the gas will be maintained under positive pressure. All enclosed areas where any gas leakage might occur shall be adequately ventilated.

2. Safety Equipment. All safety equipment shall be provided where gas is produced. Pressure and vacuum relief valves, flame traps, gas detectors, and automatic safety shut off valves, shall be provided.

3. Gas Piping and Condensate. Gas piping shall be of adequate diameter for gas flow rate and shall slope to condensate traps at low points. The use of float-controlled condensate traps is not permitted.

4. Gas Utilization Equipment.

a. Gas-fired boilers for heating digesters shall be located in a separate room not directly connected to the digester gallery. Gas lines to these units shall be provided with flame traps.

b. Dual fuel engines on major pumps or blowers, should be installed with possible recovery of exhaust and jacket cooling heat for use in heating digester or building spaces. An alternate system would consist of direct electric power generation. Gas cleaning and storage may be desirable.

5. Electrical Fixtures. Electrical fixtures and controls in enclosed places where hazardous gases may accumulate shall comply with the National Electrical Code for Class I, Division I Group D locations. Digester galleries must be isolated from normal operating areas to avoid an extension of the hazardous location.

6. Waste Gas.

a. Waste gas burners shall be readily accessible and should be located at least 25 feet (7.6 meters) away from any plant structure if placed at ground level, or they may be located on the roof of the control building at a height of not less than three feet (0.9 meter) from the top of the roof.

b. All waste gas burners shall be equipped with automatic ignition, such as a pilot light or a device using a photoelectric cell sensor. Consideration should be given to the use of natural or propane gas to insure reliability of the pilot light.

c. Necessary approvals from the Utah Air Conservation Committee and its succeeding authorities, shall be obtained for burning any waste gas and any other emissions from the treatment plant.

7. Ventilation. Any underground enclosures connecting with digesters or containing sludge or gas piping or equipment shall be forced ventilated. The piping gallery for digesters should not be connected to other passages.

8. Metering. Gas meters, with by-pass, shall be provided to meter total and waste gas production.

G. Digester Heating

1. Insulation. Wherever possible, digesters should be constructed above ground water level and should be suitably insulated to minimize heat loss.

2. Heating Facilities

a. External Heating. Sludge may be heated by circulating the sludge through external heaters. Piping should be designed to provide for the preheating of feed sludge before introduction to the digesters, especially if sludge thickeners are not used, or if feed is a batch feed resulting in high intermittent feed rates. Provisions shall be made in the lay-out of the piping and valving to facilitate cleaning of these lines. Heat exchanger sludge piping should be sized for heat transfer requirements.

b. Other Heating Methods. The executive secretary may approve review other types of heating facilities based on the information submitted by the applicant.

3. Heating Capacity. Heating capacity sufficient to consistently maintain the design sludge temperature shall be provided. Where digester tank gas is used for sludge heating, an auxiliary fuel supply is required.

4. Hot Water Internal Heating Controls

a. A suitable automatic mixing valve shall be provided to temper the boiler water with return water so that the inlet water to the heat jacket can be held below a temperature at which caking will be accentuated. Manual control should also be provided by suitable by-pass valves.

b. The boiler should be provided with suitable automatic controls to maintain the boiler temperature at approximately 180 degrees Fahrenheit (82.2 degrees Centigrade), to minimize corrosion, and to shut off the main gas supply in the event of pilot burner or electrical failure, low boiler water level, or excessive temperatures.

c. Thermometers shall be provided to show temperatures of the sludge, hot water feed, hot water return, and boiler water.

H. Mixing Systems. Sludge mixing systems shall be gas recirculation, draft tube mixing, mechanical mixer or pump recirculation types. The mixing system should be designed such that routine maintenance can be performed without taking the digester out of service.

I. Operational Considerations

1. Piping Flexibility. Where two stage digestion is practiced, provision shall be made to feed and heat the secondary digester. Mixing systems should be installed in secondary digestion units.

2. Provision to pump secondary sludge to primary units for reseeding and extending sludge detention time is recommended.

3. When digested sludge is pumped to the dewatering unit, piping shall be laid out so as to prevent uncontrolled gravity flow.

4. Provisions to adjust pH and alkalinity by addition of chemicals shall be made.

J. Maintenance Features for draining, cleaning, and maintenance must be considered in the design of the digesters.

1. Slope. The tank bottom should slope to drain toward the withdrawal pipe. For tanks equipped with a suction mechanism for withdrawal of sludge, a bottom slope of 1:12 or greater is recommended. Where the sludge is to be removed by gravity alone, 1:4 slope is recommended.

2. Access Manholes. At least two 36 inch (91 centimeters) diameter access manholes should be provided in the top of the tank in addition to the gas dome. There should be stairways to reach the access manholes. A separate sidewall manhole shall be provided. The opening should be large enough to permit the use of mechanical equipment to remove grit and sand.

3. Safety. Local, state and federal safety requirements, including those in applicable fire code, the Uniform Building Code etc., must be reviewed and complied with. Those requirements take precedence over the requirements stated herein, if more stringent, and should be incorporated in the design. Nonsparking tools, safety lights, rubber-soled shoes, safety harness, gas detectors for inflammable and toxic gases,

and at least two self-contained breathing units shall be provided for emergency use.

9.5. Aerobic Digestion

A. General. Aerobic digestion may be used for stabilization of primary sludge, and activated or trickling filter sludge. Digestion may take place in single or multiple tanks designed to provide effective air mixing, reduction of the organic matter, supernatant separation, and sludge concentration under controlled conditions.

B. Tank Capacity. The digestion tank capacity shall be based on such factors as, quantity of sludge produced, sludge concentration and related characteristics, time of aeration, sludge temperature, etc.

1. Volatile Solids Loading. Volatile suspended solids loading shall not exceed 100 pounds per 1,000 cubic feet of volume per day (1.60 kilograms per cubic meter per day) in the digestion units.

2. Detention Time. The minimum detention time of 15 days shall be provided for aerobic digestion. The detention time may vary with sludge characteristics. Where sludge temperature is lower than 50 degrees Fahrenheit (10 degrees Centigrade) additional detention time should be considered. Covering of the aerobic digesters may be considered to prevent heat losses to atmosphere.

3. Multiple Units. Multiple tanks are required for plants designed to treat more than 1 million gallons per day (3,785 cubic meters per day). Adequate provision must be made for sludge handling and storage for the plants treating less than 1 million gallons per day (3,785 cubic meters per day). When multiple units are provided, ability to utilize them in serial operation is recommended.

4. Mixing and Air Requirements

a. Aerobic sludge digestion tanks shall be designed for effective mixing. Sufficient air shall be provided to keep the solids in suspension and maintain dissolved oxygen between 1 to 2 milligrams per liter.

b. A minimum air volume of 30 cubic feet per minute per 1,000 cubic feet of tank volume (0.51 liters per cubic meter per second) shall be provided with the largest blower out of service for the mixing and aeration requirements. For the diffused aeration systems, the nonclog type air diffusers are recommended, and shall be designed to permit continuity of service.

c. A minimum of 75 horsepower per million gallon of tank volume (15 watts per cubic meter) shall be provided for mechanical aeration systems. Mechanical aerators must be protected where freezing temperatures are expected. Submerged turbine units or floating surface aerators may be considered to allow for liquid level variation.

5. Supernatant Separation. Facilities shall be provided for effective separation and withdrawal of supernatant and for effective collection and removal of scum and grease. Multiple level decant withdrawal lines should be provided.

6. Foam Spray. Foam suppression spray water piping and nozzles should be provided.

9.6. Sludge Dewatering

A. Belt Filter Press

1. Design Basis

a. Hydraulic and solids loading rates, conditioning requirements, and performance shall be based on pilot unit performance or operational results on similar sludges.

b. Multiple units are required unless storage capacity or alternate dewatering methods are available to handle sludge during prolonged power outage.

c. In plants designed for 1 million gallons per day (3,785 cubic meters per day), the operational period should not usually exceed 35 hours per week which allows one shift operation with time for chemical makeup, cleanup and delays. In plants designed for over 1 million gallons per day (3,785 cubic meters per day), the operational period may approach 20 hours per day.

2. Equipment Features

a. The facility should provide for chemical storage, feed equipment, belt wash water, and filtrate return and for conveying and loading sludge cake onto transport vehicles.

b. Belt alignment and tensioning should be regulated automatically.

c. If a single unit is provided, standby equipment should be provided for the sludge feed pump, belt wash, and chemical feed.

d. Facilities or piping for filtrate and wash water sampling should be provided.

3. Operational Considerations. Good house keeping and maintenance features should include press housing, ventilation, safe and convenient access for cleanup and maintenance, floor drains, minimum splashing of filtrate or wash water, etc.

9.7. Sludge Drying Beds

A. Design Basis

1. The area of sludge drying beds is determined by factors such as, climatic conditions, the character and volume of the sludge to be dewatered, the method and schedule of sludge removal, and other methods of sludge disposal.

2. The applicant or the design engineer must submit the basis of design including calculations for review. When the basis of design is not submitted, the drying bed area shall be determined on the basis of 4 square feet per population equivalent (0.38 square meter per population equivalent) when the drying bed is the primary method of dewatering, and 2.0 square feet per population equivalent (0.19 square meter per population equivalent) if it is to be used as a backup dewatering unit. An increase of bed area by 25 percent is required for paved beds. Sludge storage or alternate dewatering methods should be considered for winter weather.

3. A ground water discharge permit may be required for beds without an impervious base. Hydraulic conductivity shall not be greater than 1 x 10-6 centimeters per second or as required for compliance with the provisions of R317-6 (Ground Water Quality Protection Regulations).

B. Design Features

1. Gravel. The lower course of gravel around the underdrains should be properly graded and not less than 12 inches (30.5 centimeters) in depth, extending at least 6 inches (15.2 centimeters) above the top of the underdrains. It is desirable to place this in two or more layers. The top layer of at least 3 inches (7.6 centimeters) must consist of gravel 1/8 inch to 1/4 inch (3.18 to 6.35 millimeters) in size. The remaining layer of gravel below the top 3-inch (7.6 centimeters) layer may be 3/4 to 1 inch (1.9 to 2.5 centimeters) in size.

2. Sand. The top course placed above the gravel should consist of at least 6 to 9 inches (15.2 to 22.9 centimeters) of clean coarse sand. The finished sand surface should be level.

3. Underdrains. Underdrains should be clay pipe or concrete drain tile at least 4 inches (10.2 centimeters) in diameter laid with open joints. Underdrains should be spaced not more than 20 feet (6.1 meters) apart. Underdrainage should be returned to the process with raw or settled sewage.

4. Partially Paved Type. The partially paved drying bed should be designed with consideration for the space requirement to operate mechanical equipment for removing the dried sludge. Paving must positively slope to the underdrains.

5. Containment Walls. Walls should be water-tight and extend 15 to 18 inches (38 to 46 centimeters) above and at least 6 inches (15 centimeters) below the surface of the drying bed. Outer walls should be curbed to prevent soil from washing onto the beds.

6. Sludge Removal. Not less than two beds should be provided and they should be arranged to facilitate sludge removal. Paved truck tracks should be provided for all percolation-type sludge beds.

7. Sludge Feed Line. The sludge pipe to the drying beds should terminate at least 12 inches (30.5 centimeters) above the floor surface and be so arranged that it will drain into the bed. Concrete splash blocks should be provided at sludge discharge points.

9.8. Other Sludge Treatment Methods. Other methods for sludge dewatering, treatment, and stabilization will be considered by the executive secretary based on such factors as the need, suitability of application and process, reliability and flexibility, etc.

R317-3-10. Lagoons.

10.1. Lagoon Siting

A. Distance from Habitation. A lagoon should be sited as far as practicable, with a minimum of 1/4 mile (0.4 kilometer), from areas developed for residential or commercial or institutional purposes or may be developed for such purposes within a foreseeable future. Site characteristics such as topography, prevailing wind direction, forests, etc., must be considered in siting the lagoon.

B. Prevailing Winds. The lagoon should be sited where the direction of local prevailing winds is towards uninhabited areas.

C. Surface Runoff. The lagoon should not be sited in watersheds receiving significant amounts of storm-water runoff. Storm-water runoff should be diverted around the lagoon and protect lagoon embankments from erosion.

D. Hydrology and hydrogeology. Close proximity to water supplies and other facilities subject to wastewater contamination should be avoided in siting the lagoon. A minimum separation of four (4) feet (1.2 meters) between the bottom of the lagoon and the maximum ground water elevation should be maintained.

E. Geology

1. The lagoon shall not be located in areas which may be subjected to karstification, i.e., sink holes or underground streams generally occurring in area underlain by porous limestone or dolomite or volcanic soil.

2. A minimum separation of 10 feet (3.0 meters) between the lagoon bottom and any bedrock formation is recommended.

10.2. Small Facilities. The executive secretary will review and approve the construction of a lagoon for a design rate of flow less than 25,000 gallons per day (95 cubic meters per day) only if:

A. there are no other alternatives for wastewater treatment and disposal available to the applicant;

B. there is no other appropriate technology for wastewater treatment and disposal except lagoon; and

C. the applicant has resources to satisfactorily operate and maintain the lagoon.

10.3. Basis of Design. Design variables such as lagoon depth, number of units, detention time, and additional treatment units must be based on effluent standards for BOD_5, total suspended solids (TSS), E. coli, dissolved oxygen (DO), and pH.

A. Design for Discharging and Total Containment Lagoons

1. The design shall be based on BOD_5 loading ranging from 15 to 35 pounds per acre per day (16.8-39.2 kilograms per hectare per day).

2. The design for total containment lagoons shall be based on conservative estimates of precipitation, evaporation, seepage or percolation and inflow relevant to the site. A mass diagram showing each of the foregoing factors on a month-by-month basis, shall be prepared and submitted with the design and plans for review.

B. Design Depth. The minimum operating depth should be such that growth of aquatic plants is suppressed to prevent damage to the dikes, bottom, control structures, aeration equipment and other appurtenances.

1. Discharging or Total Containment Lagoons. The maximum water depth shall be 6 feet (1.8 meters) in primary cells. Greater depth in subsequent cells may be deeper than 6 feet provided that supplemental aeration or mixing is incorporated in the design. Minimum operating depth shall be three feet.

2. Aerated Lagoons. The design water depth should range from 10 to 15 feet (three to 4.5 meters). The type of the aeration equipment, waste strength and climatic conditions affect the selection of the design water depth.

3. Sludge Accumulation. The minimum depth of 18 inches (45 centimeters) for sludge accumulation shall be provided in primary cells of facultative lagoons.

C. Freeboard. The minimum freeboard shall be three (3) feet (1.0 meter). For small systems - less than 50,000 gallons per day (190 cubic meters per day), the minimum freeboard can be reduced to two (2) feet (0.6 meter).

D. Slope

1. Maximum Dike Slope. The inner and outer dike slopes shall not be steeper than 3 horizontal to 1 vertical (3:1).

2. Minimum Dike Slope. Inner dike slope shall not be flatter than 4 horizontal to 1 vertical (4:1). A flatter slope can be specified for larger installations because of wave action, but have the disadvantages of added shallow areas, that are conducive to emergent vegetation.

E. Seepage

1. The bottom of lagoons treating domestic sewage shall be no less than 12-inch (30 centimeters) in thickness, constructed in two six-inch (15 centimeters) lifts. The selection of the type of seals using soils, bentonite, or synthetic liners for the lagoon bottom shall be based on the design hydraulic conductivity, durability, and integrity of the proposed material.

2. Hydraulic conductivity of the lagoon bottom as constructed or installed, shall be such that it meets the requirements of ground water discharge permit issued under R317-6, (Ground Water Quality Protection rules). It shall not exceed 1.0×10^{-6} centimeters per second.

3. The seepage loss may vary with the thickness of the bottom seal and hydraulic head thereon. Detailed calculations on the determination of seepage loss shall be submitted with the design. It shall not exceed 6,500 gallons per acre per day (60.8 cubic meters per hectare per day).

4. Results of field and laboratory hydraulic conductivity tests, including a correlation between them, shall meet the design and ground water discharge permitting requirements, before the use of lagoon can be authorized.

5. Hydraulic conductivity for the lagoon where industrial waste is a significant component of sewage, shall be based on ground water protection criteria contained in R317-6 (Ground Water Quality Protection rules).

F. Detention time

1. Discharging Lagoons. Detention time in the lagoon shall be the greater, and exclusive of the capacity provided for sludge build-up, of:

a. 120 days based on winter flow and the maximum operating depth of the entire system; or

b. 60 days based on summer flow and peak monthly infiltration/inflow.

c. The detention time shall not be less than 150 days at the mean operating depth for effluent discharge without chlorination. In order to meet bacteriologic standards in such a case, at least 5 cells shall be provided. The detention time and organic loading rate shall depend on climatic or stream conditions.

2. Aerated Lagoons

a. The detention time shall be the greater of:

(1) 30 days minimum; or

(2) the value determined using the following formula: $E = (1/(1 + (2.3 \times K_1 \times t)))$ where: t = detention time, days; E =

fraction of BOD_5 remaining in an aerated lagoon; K_1 = reaction coefficient, aerated lagoon, base 10. For normal domestic sewage, the K_1 value may be assumed to be 0.12 day^{-1} at 20 degrees Centigrade, and 0.06 day^{-1} at one degree Centigrade.

b. The reaction rate coefficient for domestic sewage which includes some industrial wastes must be determined experimentally for various conditions which might be encountered in the aerated lagoons. The reaction rate coefficient based on temperature used in the experimental data, shall be adjusted for the minimum sewage temperature.

G. Aeration Requirements for Aerated Lagoons

1. The design parameters for the aerated lagoon should be based on pilot testing or validated experimental data.

2. When pilot testing is not conducted, the design should be based on two pounds of oxygen input per pound of BOD_5 applied (two kilograms of oxygen input per kilogram of BOD_5 applied). However, it may vary with the degree of treatment, and the concentration of suspended solids to be maintained. A tapered mode of aeration is permitted based on applied BOD_5 to each cell.

3. Aeration equipment shall be capable of maintaining a minimum dissolved oxygen level of 2 milligrams per liter in the lagoon at all times such that their circles of influence meet.

a. Circle of Influence. It is that area in which return velocity is greater than 0.15 feet per second as indicated by the manufacturer's certified data. Table R317-3-10.3(G)(3)(a) may be used when the manufacturer's certified data is not available.

b. Freezing. Suitable protection from weather shall be provided for aerators and electrical controls.

H. Industrial Wastes. For industrial waste treatment using lagoon, the design parameters shall be based on the type and treatability of industrial wastes using biological processes. In some cases it may be necessary to pretreat industrial waste or combine with domestic sewage.

10.4. Lagoon Construction Details

A. Cell Shape. The shape of all cells should be such that there are no narrow or elongated portions. Round, square or rectangular lagoons with a length not exceeding three times the width are most desirable. No islands, peninsulas or coves are permitted. Dikes should be rounded at corners to minimize accumulations of floating materials. Common-wall dike construction, wherever possible, is strongly encouraged.

B. Multiple Units

1. At a minimum, the lagoon system shall consist of three cells of approximately equal capacity designed to facilitate both series and parallel operations.

2. The executive secretary may approve less than three cells on the basis of review of factors such as, the rate of flow, the need, treatment reliability, etc.

3. All systems shall be designed with piping:

a. to permit isolation of any cell without affecting the transfer and discharge capabilities of the total system, and

b. to split the influent waste load to a minimum of two cells or all primary cells in the system.

C. Embankments and Dikes

1. Material. Dikes shall be constructed of relatively impervious material and compacted to no less than 90 percent Standard Proctor Density at 3 percent above the optimum moisture density to form a stable structure. The area where the embankment is to be placed shall be from vegetation and unstable organic material.

2. Top Width. The minimum dike width shall be 8 feet (2.4 meters) and shall permit access by maintenance vehicles.

D. Lagoon Bottom

1. Soil. Soil used in constructing the lagoon bottom (not including seal) and dike cores shall be incompressible and tight and compacted at a moisture content of 3 percent above the optimum water content to at least 90 percent Standard Proctor Density.

2. Uniformity. The lagoon bottom should be as level as possible at all points. Finished elevations shall not be more than three (3) inches (7.5 centimeters) from the average elevation of the bottom.

3. Prefilling. The lagoon should be prefilled to a level which protects the liner, prevents weed growth, reduces odor, and maintains moisture content of the seal. However, the dikes must be completely prepared before the introduction of any water.

E. Construction Quality Control and Assurance. A construction quality control and assurance plan showing frequency and type of testing for materials used in construction shall be submitted with the design for review and approval. Results of such testing, gradation, compaction, field permeability, etc., shall be submitted to the executive secretary.

F. Erosion Control

1. The site shall be protected from erosion. The design of control measures shall be based on factors, such as lagoon location and size, seal material, topography, prevailing winds, cost breakdown, application procedures, etc.

2. For aerated lagoons, the slopes and bottom shall be protected from erosion resulting from turbulence.

3. Exterior face of the dike slope shall be protected from erosion due to severe flooding of a water course.

4. Seeding. The outside surface of dikes shall have a cover layer of at least 4 inches (10 centimeters), of fertile topsoil to promote establishment of an adequate vegetative cover wherever riprap is not utilized. Prior to prefilling, adequate vegetation shall be established on dikes from the outside toe to 2 feet (0.6 meter) above the lagoon bottom on the interior as measured on the slope. Perennial-type, low-growing, native, spreading grasses that minimize erosion and can be mowed are most satisfactory for seeding on dikes. Alfalfa and other deep-rooted crops must not be used for seeding since the roots of this type are apt to impair the water holding efficiency of the dikes.

5. Riprap or equivalent material shall be placed from 1 foot (0.3 meter) above the high water mark to two feet (0.6 meter) below the low water mark (measured on the vertical) for protection from severe wave action.

a. Riprap. The interior face of dikes must be protected from erosion by riprap or other equivalent methods of erosion control.

(1) Riprap layer shall be of durable, angular, sound and hard, field or quarry stones, and shall be free from seams, cracks and structural defects.

(2) The thickness of riprap layer shall be at least 8 inches (20 centimeters).

(3) Stones to be used in the riprap layer shall meet the following requirements:

(a) A minimum of 50 percent of stones by weight, shall be of sizes between two-thirds and one and one-half of the layer thickness;

(b) No more than ten percent of stones by weight, shall be of a size less than one-tenth of the layer thickness;

(c) The specific weight of stones must range between 2.5 and 2.82;

(d) Durability shall be tested in accordance with ASTM Standard C-535, as amended, and stones wearing in excess of 40 percent shall not be used.

(e) Stones shall be graded and manipulated in size so as to produce a regular surface of dense and stable mass. A stable foundation for the placed riprap shall be provided at the toe of the dike.

10.5. Influent Piping

A. Influent and Effluent Structures

1. All influent and effluent structures shall be located to minimize short-circuiting within lagoons, and to avoid blocking of lagoon circulation. Such structures must have protection against freezing or ice damage under winter conditions.

2. Inlets to the primary cells shall meet the following criteria:

a. Surcharging of upstream sewer from the inlet manhole is not permitted.

b. Multiple influent discharge points for primary cells of 20 acres (8 hectares) or larger should be provided to enhance the distribution of waste load in the cell.

c. Discharge shall be in the center of a round or a square cell, or at the third point farthest from the outlet structure in a rectangular cell, or at least 100 feet (30 meters) from the toe of the dike.

d. All aerated cells shall have an influent line which distributes the load within the mixing zone of the aeration equipment. Multiple inlets may be considered for a diffused aeration system.

e. Force mains shall be valved at the lagoon, and may terminate in a vertically or horizontally discharging section. The discharge end of the vertical pipe must be located no more than one foot above the lagoon bottom. Flow velocities in the discharge section entering the lagoon must not be in excess of two feet per second.

B. Influent Discharge Apron

1. The influent line shall discharge horizontally into a shallow, saucer-shaped, depression extending below the lagoon bottom not more than the diameter of the influent pipe plus 1 foot.

2. The end of the discharge line shall rest on a suitable concrete apron large enough to prevent the terminal influent velocity at the end of the apron from causing soil erosion. A 2-foot (0.6 meter) square apron shall be provided at the minimum.

C. Flow Measurement. Influent flow to the lagoon shall be continuously indicated and recorded. Flow measurement and recording equipment shall be weatherproof.

D. Level Gauges. Level gauges with clear markings shall be provided in:

1. each cell to measure and manually record the depth; and

2. the primary flow measurement device structure to indicate the depth or the rate of flow.

E. Manhole

1. A manhole or vented cleanout wye shall be installed prior to entrance of the influent line into the primary cell and shall be located close to the dike as topography permits. Its invert shall be at least 6 inches (15 centimeters) above the maximum operating level of the lagoon and provide sufficient hydraulic head without surcharging the manhole.

2. A manhole is required for small systems to house flow measurement device. For larger systems, flow measurement device and related instrumentation must be housed in a headworks type structure.

F. Flow Distribution. Flow distribution structures shall be designed to effectively split hydraulic and organic loads equally to primary cells.

G. Material. The material for influent line to the lagoon should meet the requirements of material for underground sewer construction described in this rule. Unlined corrugated metal pipe is not permitted due to corrosion problems. The material selection shall be based on factors such as, wastewater characteristics, heavy external loadings, abrasion, soft foundations, etc.

10.6. Control Structures and Interconnecting Piping

A. Structure

1. As a minimum, control structures shall:

a. be accessible for maintenance and adjustment of controls;

b. be adequately ventilated for safety and to minimize corrosion;

c. be locked to discourage vandalism;

d. contain controls to permit water level and flow rate control, and complete shutoff;

e. be constructed of non-corrodible materials (metal-on-metal); and

f. be located to minimize short-circuiting within the cell and avoid freezing and ice damage.

2. Recommended devices to regulate water level are valves, slide tubes or dual slide gates. Regulators should be designed so that they can be preset to stop flows at any lagoon elevation.

B. Piping. All piping shall be of cast iron or other material for installation of underground piping. The piping shall be located along the bottom of the lagoon with the top of the pipe just below average elevation of the lagoon bottom. Pipes should be anchored and protected from erosion.

10.7. Effluent Discharge Piping

A. Submerged Takeoffs. For lagoons designed for shallow or variable depth operations, submerged takeoffs are required. Intakes shall be located a minimum of 10 feet (3.0 meters) from the toe of the dike and 2 feet (0.6 meter) from the seal, and shall employ vertical withdrawal.

B. Multi-level Takeoffs. For lagoons that are designed deeper than 10 feet (3 meters), enough to permit stratification of lagoon content, multiple takeoffs are required. There shall be a minimum of three withdrawal pipes at different elevations. Adequate structural support for takeoffs shall be provided.

C. Emergency Overflow. An emergency overflow should be provided to prevent overtopping of dikes. The hydraulic capacity for continuous discharge structures and piping shall allow for a minimum of 250 percent of the design flow of the system. The hydraulic capacity for controlled-discharge systems shall permit transfer of water at a minimum rate of six (6) inches (15 centimeters) of lagoon water depth per day at the available head.

10.8. Miscellaneous

A. Fencing. The lagoon area shall be enclosed with not less than 6 feet high chain link fence to prevent entering of livestock and to discourage trespassing. Fencing must not obstruct vehicle traffic on top of the dikes. A vehicle access gate of sufficient width to accommodate all maintenance equipment shall be provided. All access gates shall be provided with locks.

B. Access. An all-weather access road shall be provided to the lagoon site to allow year-round maintenance of the facility.

C. Warning Signs. Permanent signs shall be provided along the fence around the lagoon to designate the nature of the facility and advise against trespassing. At least one sign shall be provided on each side of the site and one for every 500 feet (150 meters) of its perimeter.

D. Service Building A service building for laboratory and maintenance equipment should be considered.

10.9. Industrial Waste Lagoons. The executive secretary will review the design of lagoons for treatment of industrial wastes on the basis of such factors as treatability, operability, reliability, ground water protection levels, water quality objectives, etc.

R317-3-11. Use, Land Application and Alternate Methods for Disposal of Treated Wastewater Effluents.

11.1. General. Design requirements for effluent disposal or water reuse of municipal wastewater treatment plant effluents shall comply with the requirements of this section. Administrative and approval requirements for these land application systems are found in R317-13 and R317-14 for water reuse and effluent disposal, respectively. Land application of effluent from industrial wastewater treatment plants shall comply with the requirements of R317-1-5.

11.2 Effluent Criteria. Land application of treated effluents is permitted following treatment if standards are met as defined in this section.

11.3 Submittal of Project Plan. If a person intends to use or provide for the use of treated domestic wastewater directly for any purpose, except on the treatment plant site as described in R317-1-4.2, a Project Plan must be submitted to and approved by the Division of Water Quality. A copy of the plan must also be submitted to the local health department. Any needed construction of wastewater treatment and delivery systems would also be covered by a construction permit as required in section R317-1-2.2. The plan must contain the following information. At least items A, B, D and E should be provided before construction begins. All items must be provided before any water deliveries are made.

A. A description of the quantity, quality, and use of the treated wastewater to be delivered, the location of the site, an assessment of the direct hydrologic effects of the action, and how the requirements of this rule would be met. A nutrient management and agronomic uptake analysis may be required to document the proposed management of all nutrients.

B. A description of public notification and participation in the development of the Project Plan may be required.

C. An operation and management plan to include:

1. A copy of the contract with the user, if other than the treatment entity.

2. A labeling and separation plan for the prevention of cross connections between treated effluent distribution lines and potable water lines. Guidance for distribution systems is available from the Division of Water Quality.

3. Schedules for routine maintenance.

4. A contingency plan for system failure or upsets.

D. If the water will be delivered to other entities for transmission, distribution and/or use, a copy of the contract covering how the requirements of this rule will be met.

E. Requirements for ground water discharge permits, underground injection control (U.I.C.) permits, surface water discharge permits, total maximum daily load (TMDL) or nutrient loading considerations, if required, shall be determined in accordance with R317-1, R317-2, R317-6, R317-7, R317-8.

11.4 Use of Treated Domestic Wastewater Effluent Where Human Exposure is Likely (Type I)

A. Uses Allowed

1. Residential irrigation, including landscape irrigation at individual houses.

2. Urban uses, which includes non-residential landscape irrigation, golf course irrigation, toilet flushing, fire protection, and other uses with similar potential for human exposure. Internal building uses of treated effluent will not be allowed in individual, wholly-owned residences; and are only permitted in situations where maintenance access to the building's utilities is strictly controlled and limited only to the services of a professional plumbing entity. Projects involving effluent reuse within a building must be approved by the local building code official.

3. Irrigation of food crops where the applied reuse water is likely to have direct contact with the edible part. Type I water is required for all spray irrigation of food crops.

4. Irrigation of pasture for milking animals.

5. Impoundments of wastewater where direct human contact is likely to occur.

6. All Type II uses listed in 11.5.A below.

B. Required Treatment Processes

1.a. Treatment processes that are expected to produce effluent in which both the BOD and total suspended solids concentrations do not exceed secondary quality effluent limits as defined in R317-1-3.2.

b. Filtration, which includes passing the wastewater through filter media such as sand and/or anthracite, approved membrane processes or other approved filtration processes.

c. Disinfection to destroy, inactivate, or remove pathogenic microorganisms by chemical, physical, or biological means. Disinfection may be accomplished by chlorination, ozonation, or other chemical disinfectants, UV radiation, or other approved processes.

2. Other approved treatment processes in which any of the unit process functions of secondary treatment, filtration and disinfection may be combined, but still achieve the same secondary quality effluent limits as required above.

C. Water Quality Limits. The quality of treated effluent before use must meet the following standards. Testing methods and procedures shall be performed according to test procedures approved under R317-2-10, or as otherwise approved by the Executive Secretary. Water quality sampling requirements specified in this section shall apply to the point of compliance at all times during use of treated effluent.

1. The monthly arithmetic mean of BOD shall not exceed 10 mg/l as determined by composite sampling conducted once per week. Composite samples shall be comprised of at least six flow proportionate samples taken over a 24-hour period.

2. The daily arithmetic mean turbidity shall not exceed 2 NTU, and turbidity shall not exceed 5 NTU at any time. Turbidity shall be measured continuously. The turbidity standard shall be met prior to disinfection. If the turbidity standard cannot be met, but it can be demonstrated to the satisfaction of the Executive Secretary that there exists a consistent correlation between turbidity and the total suspended solids, then an alternate turbidity standard may be established. This will allow continuous turbidity monitoring for quality control while maintaining the intent of the turbidity standard, which is to have 5 mg/l total suspended solids or less to assure adequate disinfection.

3. The weekly median E. coli concentration shall be none detected, as determined from daily grab samples, and no sample shall exceed 9 organisms/100 ml.

4. The total residual chlorine shall be measured continuously and shall at no time be less than 1.0 mg/l after 30 minutes contact time at peak flow. If an alternative disinfection process is used, it must be demonstrated to the satisfaction of the Executive Secretary that the alternative process is comparable to that achieved by chlorination with a 1 mg/l residual after 30 minutes contact time. If the effectiveness cannot be related to chlorination, then the effectiveness of the alternative disinfection process must be demonstrated by testing for pathogen destruction as determined by the Executive Secretary. A 1 mg/l total chlorine residual is recommended after disinfection and before the treated effluent goes into the distribution system.

5. The pH as determined by daily grab samples or continuous monitoring shall be between 6 and 9.

D. Other Requirements

1. An alternative disposal option or diversion to storage must be automatically activated if turbidity exceeds the maximum instantaneous limit for more than 5 minutes, or chlorine residual drops below the instantaneous required value for more than 5 minutes, where chlorine disinfection is used.

2. Any irrigation must be at least 50 feet from any potable water well. Impoundments of treated effluent, if not sealed, must be at least 500 feet from any potable water well. The use should not result in a surface runoff and must not result in the creation of an unhealthy or nuisance condition, as determined by the local health department.

3. For residential landscape irrigation at individual homes, additional quality control restrictions may be required by the Executive Secretary. Proposals for such uses should also be submitted to the local health authority to determine any conditions they may require. When secondary residential irrigation systems are planned utilizing treated effluent in new subdivisions, it is recommended that a notification of the type of irrigation system and possible sources of irrigation waters be made on the deed for the property. Such notification could be

made during the plat approval process.

11.5 Use of Treated Domestic Wastewater Effluent Where Human Exposure is Unlikely (Type II)

A. Uses Allowed

1. Irrigation of sod farms, silviculture, limited access highway rights of way, and other areas where human access is restricted or unlikely to occur.

2. Irrigation of food crops where the applied treated effluent is not likely to have direct contact with the edible part, whether the food will be processed or not (spray irrigation not allowed).

3. Irrigation of animal feed crops other than pasture used for milking animals.

4. Impoundments of wastewater where direct human contact is not allowed or is unlikely to occur.

5. Cooling water. Use for cooling towers which produce aerosols in populated areas may have special restrictions imposed.

6. Soil compaction or dust control in construction areas.

B. Required Treatment Processes

1. Treatment processes that are expected to produce effluent in which both the BOD and total suspended solids concentrations do not exceed secondary quality effluent limits as defined in R317-1-3.2.

2. Disinfection to destroy, inactivate, or remove pathogenic microorganisms by chemical, physical, or biological means. Disinfection may be accomplished by chlorination, ozonation, or other chemical disinfectants, UV radiation, or other approved processes.

C. Water Quality Limits. The quality of effluent before use must meet the following standards. Testing methods and procedures shall be performed according to test procedures approved under R317-2-10, or as otherwise approved by the Executive Secretary. Water quality sampling requirements specified in this section shall apply to the point of compliance at all times during use of treated effluent.

1. The monthly arithmetic mean of BOD shall not exceed 25 mg/l as determined by composite sampling conducted once per week. Composite samples shall be comprised of at least six flow proportionate samples taken over a 24-hour period.

2. The monthly arithmetic mean total suspended solids concentration shall not exceed 25 mg/l as determined by daily composite sampling. The weekly mean total suspended solids concentration shall not exceed 35 mg/l. Properly calibrated, continuous monitoring of turbidity may be substituted for the suspended solids testing.

3. The weekly median E. coli concentration shall not exceed 126 organisms/100 ml, as determined from daily grab samples, and no sample shall exceed 500 organisms/100 ml.

4. The pH as determined by daily grab samples or continuous monitoring shall be between 6 and 9.

5. At the discretion of the Executive Secretary, the sampling frequency to determine compliance with water quality limits for effluent from lagoon systems used to irrigate agricultural crops, may be reduced to monthly grab sampling for BOD, and weekly grab sampling for E. coli, TSS and pH. The Water Quality Board may also allow a relaxation of lagoon effluent BOD and suspended solids concentrations, in accordance with R317-1-3.2.

D. Other Requirements

1. An alternative disposal option or diversion to storage must be available in case quality requirements are not met.

2. Any irrigation must be at least 300 feet from any potable water well. Spray irrigation must be at least 100 feet from areas intended for public access. This distance may be reduced or increased by the Executive Secretary, based on the type of spray irrigation equipment used and other factors. Impoundments of treated effluent, if not sealed, must be at least 500 feet from any potable water well. The use should not result in a surface runoff and must not result in the creation of an unhealthy or nuisance condition, as determined by the local health department.

3. Public access to effluent storage and irrigation or disposal sites shall be restricted by a stock-tight fence or other comparable means which shall be posted and controlled to exclude the public.

11.6 Records. Records of volume and quality of treated wastewater used shall be maintained and submitted monthly in accordance with R317-1-2.7. If monthly operating reports are already being submitted to the Division of Water Quality, the data on treated effluent delivered may be submitted on the same form.

11.7 Other Uses of Effluents. Proposed uses of effluents not identified above, including industrial uses, shall be considered for approval by the Board based on a case-specific analysis of human health and environmental concerns.

11.8 Treated Effluent Water Distribution Systems. Where treated effluent is to be provided by pressure pipeline, unless contained in surface pipes wholly on private property and for agricultural purposes, the following requirements will apply. The requirements will apply to all new systems and it is recommended that the accessible portions of existing reuse water distribution systems be retrofitted to comply with these rules. Requirements for irrigation systems proposed for conversion from use of secondary water to use with treated effluent will be considered on an individual basis considering protection of public health and the environment. Any person or agency that is constructing all or part of the distribution system must obtain a construction permit from the Division of Water Quality prior to beginning construction.

A. Distribution Lines

1. Minimum Separation.

a. Horizontal Separation. Treated effluent main distribution lines parallel to potable (culinary) water lines should be installed in separate trenches. Treated effluent main distribution lines parallel to sanitary sewer lines shall be installed at least ten feet horizontally from the sanitary sewer line if the sanitary sewer line is located above the treated effluent main and three feet horizontally from the sanitary sewer line if the sanitary sewer line is located below the reuse water main.

b. Vertical Separation. At crossings of treated effluent main distribution lines with potable water lines and sanitary sewer lines the order of the lines from lowest in elevation to highest should be; sanitary sewer line, treated effluent line, and potable water line. A minimum 18 inches vertical separation between the treated effluent line and sewer line shall be provided as measured from outside of pipe to outside of pipe. The crossings shall be arranged so that the reuse water line joints will be equidistant and as far as possible from the water line joints and the sewer line joints. If the treated effluent line must cross above the potable water line, the vertical separation should be a minimum 18 inches. If the treated effluent line must cross below the sanitary sewer line, the vertical separation shall be a minimum 18 inches and the treated effluent line shall be encased in a continuous pipe sleeve to a distance on each side of the crossing equal to the depth of the treated effluent line from the ground surface.

c. Special Provisions. Where the horizontal and/or vertical separation as required above cannot be maintained, special construction requirements shall be provided in accordance with requirements in this Rule for protection of potable water lines and treated effluent lines. Existing pressure lines carrying treated effluent shall not be required to meet these requirements.

2. Depth of Installation. To provide protection of the installed pipeline, treated effluent lines should be installed with a minimum depth of bury of three feet.

3. Treated Effluent Pipe Identification.

a. General. All new buried pipe within the public domain, including service lines, valves, and other appurtenances, shall be colored purple, Pantone 522 or equivalent. If fading or discoloration of the purple pipe is experienced during construction, identification tape is recommended. A clearly labeled tracer location tape or wire shall be placed two feet above the top of treated effluent lines less than or equal to 24 inch (61 centimeters) in diameter, along its entire buried length.

b. Identification Tape. If identification tape is installed along with the purple pipe, it shall be prepared with white or black printing on a purple field, color Pantone 512 or equivalent, having the words, "Caution: Treated Wastewater-Do Not Drink". The overall width of the tape shall be at least three inches. Identification tape shall be installed 12 inches above the transmission pipe longitudinally and shall be centered.

4. Conversion of existing water lines. Existing water lines that are being converted to use with treated effluent shall first be accurately located and comply with leak test standards in accordance with AWWA Standard C-600 and in coordination with regulatory agencies. The pipeline must be physically disconnected from any potable water lines and brought into compliance with current State cross connection rules and requirements (R309-102-5), and must meet minimum separation requirements in section 4.8.A.1 of this rule above. If the existing lines meet approval of the water supplier and the Division, the lines shall be approved for treated effluent distribution. If regulatory compliance of the system (accurate location and verification of no cross connections) cannot be verified with record drawings, televising, or otherwise, the lines shall be uncovered, inspected, and identified prior to use. All accessible portions of the system must be retrofitted to meet the requirements of this rule.

5. Valve Boxes and Other Surface Identification. All valve covers shall be of non-interchangeable shape with potable water covers, and shall have an inscription cast on the top surface stating "Reclaimed Water" or "Treated Wastewater". Valve boxes shall meet AWWA standards. All above ground facilities shall be consistently color coded (purple, Pantone 512 or equivalent color) and marked to differentiate treated effluent facilities from potable water facilities.

6. Blow-off Assemblies. If either an in-line type or end-of-line type blow-off or drain assembly is installed in the system, the Division of Water Quality shall be consulted on acceptable discharge or runoff locations.

7. Line Drains. All distribution pipes and sprinklers must have the capability to be completely drained.

8. Flow Measurement. Main distribution headers must have flow measurement devices and pressure gages. All land applied flow must be totalized.

B. Storage. If storage or impoundment of treated effluent is provided, the following requirements apply:

1. Fencing. For Type I effluent, no fencing is required by this rule, but may be required by local laws or ordinances. For Type II effluent, see R317-3-11.5.D.2 above.

2. Identification. All storage facilities shall be identified by signs prepared according to the requirements of Section 11.8.D.6 below. Signs shall be posted on the surrounding fence at minimum 500 foot intervals and at the entrance of each facility. If there is no fence, signs shall be located as a minimum on each side of the facility or at minimum 250 foot intervals or at all accessible points.

C. Pumping Facilities.

1. Marking. All exposed and above ground piping, fittings, pumps, valves, etc., shall be painted purple, Pantone 512 or equivalent color. In addition, all piping shall be identified using an accepted means of labeling reading "Caution: Treated Wastewater - Do Not Drink." In a fenced pump station area, signs shall be posted on the fence on all sides.

2. Sealing Water. Any potable water used as seal water for reuse water pumps seals shall be protected from backflow with a reduced pressure principle device.

D. Other Requirements.

1. Backflow Protection. In no case shall a connection be made between the potable and treated effluent system. If it is necessary to put potable water into the treated effluent distribution system, an approved air gap must be provided to protect the potable water system. A reduced pressure principle device may be used only when approved by the Division of Water Quality, the local health department, and the potable water supplier.

2. Drinking Fountains. Drinking fountains and other public facilities shall be placed out of any spray irrigation area in which reuse water is used, or shall be otherwise protected from contact with the treated effluent. Exterior drinking fountains and other public facilities shall be shown and called out on the construction plans. If no exterior drinking fountains, picnic tables, food establishments, or other public facilities are present in the design area, then it shall be specifically stated on the plans that none are to exist.

3. Hose Bibs. Hose bibs on treated effluent systems in public areas and at individual residences are permitted for Type I water, with the following restrictions:

a. All exposed hose bib piping must be painted purple, Pantone 512 or equivalent color and,

b. Hose bibs shall be fitted with a valve having a non-permanently attachable operating handle. To discourage inappropriate casual use, it is recommended that each hose bib be posted with a warning label or sign, as detailed in R317 - 3.11.8.D.5, and/or placed in a lockable subsurface valve box in accordance with R317-3-11.8.A.5.

In public, non-residential areas, replacement of hose bibs with quick couplers is recommended.

4. Equipment and Facilities. To ensure the protection of public health, any equipment or facilities such as tanks, temporary piping or valves, and portable pumps which have been used for conveying treated effluent may not be reused for conveying potable water.

5. Warning Labels. Warning labels shall be installed on designated facilities such as, but not limited to, controller panels and washdown or blow-off hydrants on water trucks, and temporary construction services. The labels shall indicate the system contains treated wastewater that is unsafe to drink.

6. Warning signs. Where treated effluent is stored or impounded, or used for irrigation in public areas, warning signs shall be installed and contain, as a minimum, 1/2 inch purple letters (Pantone 512 or equivalent color) on a white or other high contrast background notifying the public that the water is unsafe to drink. Signs may also have a purple background with white or other high contrast lettering. Warning signs and labels shall read, "Warning: Treated Wastewater - Do Not Drink". The signs shall include the international symbol for Do Not Drink.

7. Public Education Program. Where treated effluent is used in individual residential landscape or public landscape area irrigation systems, a public education program must be implemented prior to initial operation of the program and, as necessary, during operation of the system.

R317-3-12. Effluent Filtration.

12.1. Granular Media Filters. Granular media filters may be used as a tertiary treatment device for the removal of residual suspended solids from secondary effluents. A pretreatment process such as chemical coagulation and sedimentation or other acceptable process must precede the filter units, where effluent suspended solids requirements are less than 10 milligrams per liter, or where secondary effluent quality can be expected to fluctuate significantly, or where filters follow a treatment process and where significant amounts of algae will be present.

12.2. Design Considerations. The plant design should

incorporate flow-equalization facilities to moderate filter influent quality and quantity. The selection of pumping equipment ahead of filter units should be designed to minimize shearing of floc particles.

A. Filter Types. Filters may be of the gravity or pressure type. Pressure filters shall be provided with ready and convenient access to the media for treatment or cleaning. Where greases or similar solids which result in filter plugging are expected, filters should be of the gravity type.

B. Filtration Rates. Filtration rates shall not exceed 5 gallons per minute per square foot. (3.4 liters per square meter per second) based on the maximum hydraulic flow rate applied to the filter units.

C. Number of Units. Total filter area shall be provided in two or more units, and the filtration rate shall be calculated on the total available filter area with one unit out of service.

D. Filter Backwash

1. Backwash Rate. The backwash rate shall be adequate to fluidize and expand each media layer a minimum of 20 percent based on the media selected. The backwash system shall be capable of providing a variable backwash rate having a maximum of at least 20 gallons per minute per square foot, (13.6 liters per square meter per second) and a minimum backwash period of 10 minutes.

2. Backwash Pumps. Pumps for backwashing filter units shall be sized and interconnected to provide the required rate to any filter with the largest pump out of service. Filtered water should be used as the source of backwash water. Waste filter backwash shall be returned to the treatment process or otherwise adequately treated.

E. Filter Media

1. Selection. Selection of proper media size will depend on the rate of filtration rate, the type of pretreatment, filter configuration, and effluent quality objectives. In dual or multi-media filters, media size selection must consider compatibility among media.

2. Media Specifications. Table R317-3-12.2(E)(2) provides minimum media depths and the normally acceptable range of media sizes. The applicant has the responsibility for selection of media to meet specific conditions and treatment requirements relative to the project under consideration.

12.3. Filter Appurtenances. The filters shall be equipped with wash water troughs, surface wash or air scouring equipment, means of measurement and positive control of the backwash rate, equipment for measuring filter head loss, positive means of shutting off flow to a filter being backwashed, and filter influent and effluent sampling points. If automatic controls are provided, there shall be a manual override for operating equipment, including each individual valve essential to the filter operation. The underdrain system shall be designed for uniform distribution of backwash water (and air if provided) without danger of clogging from solids in the backwash water. Provision shall be made to allow periodic chlorination of the filter influent or backwash water to control slime growths.

12.4. Reliability. Each filter unit shall be designed and installed so that there is ready and convenient access to all components and the media surface for inspection and maintenance without taking other units out of service. The need for enclosing filter units shall depend on expected extreme climatic conditions at the treatment plant site. As a minimum, all controls shall be protected from adverse process and climatic conditions. The structure housing filter controls and equipment shall be provided with adequate heating and ventilation equipment to minimize problems with excess humidity.

12.5. Backwash Surge Control. The rate of waste filter backwash water return to treatment units shall be controlled such that the rate does not exceed 15 percent of the design average daily flow rate to the treatment units. The hydraulic and organic loads from waste backwash water shall be considered in the overall design of the treatment plant. Where waste backwash water is returned for treatment by pumping, adequate pumping capacity shall be provided with the largest unit out of service.

12.6. Backwash Water Storage. Total backwash water storage capacity provided in an effluent clearwell or surge tank or other unit shall equal or exceed the volume required for two complete backwash cycles. Additional storage capacity should be considered for operational flexibility.

12.7. Proprietary Equipment. Where proprietary filtration equipment, not conforming to the preceding requirements is proposed, data which supports the capacity of the equipment to meet effluent requirements under design conditions shall be submitted for review and approval by the executive secretary.

TABLE R317-3-2.3(D)(4).
Minimum Slopes

Sewer Size, inch (centimeter)	Minimum Slope, feet per feet or meter per meter
8 (20)	0.00334
9 (23)	0.00285
10 (25)	0.00248
12 (30)	0.00194
14 (36)	0.00158
15 (38)	0.00144
16 (41)	0.00132
18 (46)	0.00113
21 (53)	0.00092
24 (61)	0.00077
27 (69)	0.00066
30 (76)	0.00057
36 (91)	0.00045

TABLE R317-3-4.4(H)(1).
Painting

Service	Color
Sludge	Brown
Gas	Orange
Potable Water	Blue
Non-Potable Water	Blue with a 6-inch (15 centimeters) red band spaced 30 inches (76 centimeters) apart
Chlorine	Yellow
Compressed Air	Green
Sewage	Gray

TABLE R317-3-6.2(B)(3)(d).
Loadings for Final Settling Tanks
Following Activated Sludge Process

Process	Average Design Rate of Flow, million gallons per day (cubic meters per day)	Surface Loading, gallons per day per square foot (cubic meters per day per square meter)	Surface Loading, pounds per day per square foot (kilograms per day per square meter)
Contact Stabilization	0.5 (1,893) to 1.5 (5,678)	400 (16.3) to 600 (24.5)	
	Greater than or equal to 1.5 (5,678)	500 (20.4) to 700 (28.5)	
Extended	Less than	200 (8.2)	

Aeration	or equal to 0.5 (1,893)	to 400 (16.3)	
	0.5 (1,893) to 1.5 (5,678)	300 (12.3) to 500 (20.4)	25 (122.1)
	Greater than or equal to 1.5 (5,678)	400 (16.3) to 600 (24.5)	
Other than Contact Stabilization and Extended Aeration	Less than or equal to 0.5 (1,893)	400 (16.3) to 600 (24.5)	
	0.5 (1,893) to 1.5 (5,678)	500 (20.4) to 700 (28.5)	25 (122.1)
	Greater than or equal to 1.5 (5,678)	600 (24.5) to 800 (32.6)	

TABLE R317-3-7.1(E)(3)(a)(2).
Media Grading

	Percent by Weight
Passing 4-1/2 inch (11.4 centimeters) screen	100
Retained on 3 inch (7.6 centimeters) screen	95 - 100
Retained on 2 inch (5.1 centimeters) screen	98

TABLE R317-3-7.1(K)(1).
Hydraulic and Organic Loadings
for Nitrification in Trickling Filters

Trickling Filter Configuration	Loadings
Rock or Slag Media Filters	
Hydraulic Loading	Less than or equal to 4 million gallons per acre per day, or less than or equal to 4 cubic meters per square meter per day
Organic Loading	Less than or equal to 25 pounds BOD_5 per day per 1000 cubic feet, or less than or equal to 0.4 kilograms BOD_5 per day per cubic meter
Deep Manufactured Media Filters	
Hydraulic Loading	Less than or equal to 25 million gallons per acre per day, or less than or equal to 25 cubic meters per square meter per day
Organic Loading	Less than or equal to 100 pounds BOD_5 per day per 1000 cubic feet, or less than or equal to 1.6 kilograms BOD_5 per day per cubic meter

TABLE R317-3-7.2(B)(1)(c)
Permissible Aeration Tank Capacities and Loadings

Process	Hydraulic Retention Time (HRT), hours	Solids Retention Time (SRT), days	Aeration Tank Loading, pounds of BOD_5 per day per 1000 cubic feet	Food:Mass (F:M) Ratio, pounds of BOD_5 per day per pound of MLVSS (2)	Mixed Liquor Suspended Solids (1) (MLSS) milligrams per liter
Conventional	4-8	4-8	20-40	0.2-0.4	1,500-4,000
Step Aeration					
Complete Mix					
Contact Stabilization	1-3 (4) 3-6 (5)	3-10	50 (3)	0.2-0.6	2,000-4,000
Extended Aeration, or Oxidation Ditch	24	30	10-12	0.05-0.1	2,000-4,000

Notes:
(1) Mixed Liquor Suspended Solids (MLSS) values are dependent upon the surface area provided for sedimentation and the rate of sludge return as well as the aeration process.
(2) Mixed Liquor Volatile Suspended Solids (MLVSS)
(3) Total Aeration capacity, includes both contact and reaeration capacities. Normally, the contact zone equals 30 to 35 percent of the total aeration capacity.
(4) Contact zone
(5) Reaeration zone

TABLE R317-3-7.2(B)(6)(a)(1).
Return Sludge Rate

Process	Q_R / Q, Percent
Standard Rate	15-75
Carbonaceous stage of separate stage nitrification	15-75
Step Aeration	15-75
Contact stabilization	50-150
Extended aeration	50-150
Nitrification stage of separate stage nitrification	50-200

TABLE R317-3-9.3(A)(1)(a).
Gravity Thickening

Type	Solids Loading Rate, pounds per day per square foot (kilograms per square meter per day)	Percent solids in thickened sludge
Primary sludge	20-30 (98-146)	8-10
Trickling filter sludge	8-10 (39-49)	7-9
Activated sludge	4-8 (20-49)	2.5-3
Combined primary and trickling filter sludges	10-12 (49-59)	7-9
Combined primary and activated sludges	6-10 (29-49)	3-6

TABLE R317-3-9.4(A)(4)(a).
Sludge Volume Generated

Type of Plant	cubic feet per Population Equivalent (P.E.) or cubic meters per Population Equivalent (P.E.)
Trickling Filter	5 (0.14)
Activated Sludge	6 (0.17)

TABLE R317-3-10.3(G)(3)(a).
Circle of Influence

Nameplate Horsepower	Radius, Feet
5	35
10-25	50
40-60	50-100
75	60-100
100	100

TABLE R317-3-12.2(E)(2).
Media Depths and Size

Media Material	Single Media	Multi-Media Two	Multi-Media Three
Anthracite:			
Minimum Depth, inches		20	20
Effective Size, millimeters		1-2	1-2
Sand:			
Minimum Depth, inches	48	12	10
Effective Size, millimeters	1-4	0.5-1	0.6-0.8
Garnet or Similar Material:			
Minimum Depth, inches			2
Effective Size, millimeters			0.3-0.6

Uniformity Coefficient shall be less than or equal to 1.7

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R317. Environmental Quality, Water Quality.
R317-5. Large Underground Wastewater Disposal Systems.
R317-5-1. General.

1.1 SCOPE: These regulations shall apply to large underground disposal systems for domestic wastewater discharges which exceed 5,000 gallons per day (gpd) and all other domestic wastewater discharges not covered under the definition of an "Onsite wastewater disposal system" in R317-1-1.13. Usually these systems should not be designed for over 15,000 gpd. In general, it is not acceptable to dispose of industrial wastewater in an underground disposal system.

1.2 ENGINEERING REPORT: An engineering report shall be submitted which shall contain design criteria along with all other information necessary to clearly describe the proposed project and demonstrate project feasibility.

1.3 SUBMISSION OF PLANS FOR REVIEW: Plans for new large underground wastewater disposal systems or extensions of existing systems shall be submitted to the Department for review as required by R317-1. All designs shall be prepared and submitted under the supervision of a registered professional engineer licensed to practice in the State of Utah and certified pursuant to R317-11. A construction permit must be issued by the Utah Water Quality Board prior to construction of the wastewater disposal system or the building(s) to be served by the wastewater system. The system designer must, following construction of the system, certify in writing that the system was installed in accordance with the approved plans and specifications.

A. Local Health Department Requirements - it is the applicant's responsibility to ensure that the Large Underground Wastewater Disposal System (LUWDS) application to the Division is in compliance with local health department requirements reqarding the location, design, construction and maintenance of an LUWDS prior to the applicant submitting a request for a construction permit to the Division of Water Quality (DWQ). Local Health Departments may petition the Division to require local review for compliance with local requirements prior to DWQ initiating its review. Where the petition has been approved by the Executive Secretary, the applicant is required to submit documentation that the local health department has approved the proposed LUWDS prior to issuance of a construction permit.

1.4 OPERATION AND MAINTENANCE: Operation and maintenance shall be provided by the owner to ensure the disposal system is functioning properly at all times. An operating permit will be required for all large underground wastewater disposal systems to monitor that proper operation and maintenance is occurring for the protection of the environment and public health. The operating permit shall be issued by the Division of Water Quality or, by delegated authority, by the local health department having jurisdiction, and shall be effective for a period not to exceed 5 years from the issuance date.

A. Operating Permit Required: The owner of a large underground wastewater disposal system shall provide a written notice of intent (NOI) to the Division of Water Quality and the local health department having jurisdiction of its intent to operate a large underground wastewater disposal facility. Those systems currently in operation must submit the NOI no later than January 1, 2010. New systems permitted under this rule must submit the NOI prior to final inspection. The notice of intent shall be specific for the operating permit and shall include the following information:

1. Facility name and address; owner name, address, and phone number.

2. List of Facility Components, e.g., septic tank, pump tank, gravel drainfield trench, gravelless chambers, pressure drainfield, etc.

3. Design flow (gallons per day) and number and type of connections.

4. Type of waste treated and disposed, i.e., residential, restaurant, other commercial establishment, etc.

5. Sketch plan of existing system showing major facility components.

B. Local Health Department Authority to Issue Operating Permits:

1. A local health department that currently has approval from the Division of Water Quality to administer an alternative systems program may obtain authority within its jurisdiction to administer operating permits for large underground wastewater disposal systems by submitting a written request to administer this program. The request must include an agreement to implement and enforce inspection, servicing, monitoring, and reporting requirements of this rule.

2. Local health departments that have been delegated authority to administer the operating permit program must submit an annual report on or before September 1 of the calendar year, to the Division of Water Quality containing:

(a) A list of LUWD systems under delegation.

(b) A summary listing the compliance status of each system, showing those systems that are currently failing, and those systems that have been repaired.

(c) A summary of any enforcement actions taken, identifying those actions that are still pending, and those that been resolved.

C. Annual Report. The owner shall summit an annual covering the period of July 1 to June 30 (the "reporting year") to the permitting agency no later than August 1 of each year. In this report, the owner shall report the following items:

1. All information required to be submitted in the NOI.

2. Checklist of inspections performed including the date of the inspection and a list of findings.

3. Packed Bed media system sampling results.

4. Signature of owner or certified operator, and date.

D. Owner Responsibility to Maintain System: The owner is responsible for maintaining its large underground wastewater disposal system and for performing periodic inspections and servicing of its system. Inspections of conventional systems (gravity, or pump to gravity) shall be not less than once each reporting year, and inspections of at-grade, pressure, mound and packed bed media systems shall be not less than twice each reporting year. At a minimum, the owner is responsible for inspecting these components of the various type of system:

1. Community septic tank or treatment unit - measure sludge and scum levels, and pump when necessary.

2. Effluent filter - clean when necessary.

3. Inspect distribution box.

4. Inspect pump, floats, alarm and control panel, and record flow or hour meter reading.

5. Disposal field - inspect for ponding or surfacing in disposal area. Flush, clean, re-adjust to equal pressure in laterals.

E. Operation and Maintenance Manual Required: New systems must have a written operation and maintenance document describing the treatment and disposal system and outlining routine maintenance procedures, including checklists and maintenance logs needed for proper operation of the system. This document must be available at the time of the final inspection on all new systems.

F. Packed Bed Media System Sampling and Monitoring Requirements:

The owner of a packed bed media system is responsible for sampling and monitoring for COD (Chemical Oxygen Demand), TSS (Total Suspended Solids) and TIN (Total Inorganic Nitrogen) at an interval not exceeding six calendar months. Additional sampling and monitoring may be required if it has been determined that there is a potential for groundwater impacts. Effluent quality of a grab sample, before discharge to

a disposal method, shall not exceed 75 mg/L COD or 25 mg/L TSS.

1. Effluent COD exceeding 75 mg/L or TSS exceeding 25 mg/L shall be followed up with weekly sampling commencing within 30 days until such time as two successive results are obtained that are within these limits. Any two successive samples resulting in exceedence of either 75 mg/L COD or 25 mg/L TSS shall result in the system being deemed non-compliant requiring further evaluation and a corrective action plan.

2. For non-complying systems, the permitting agency shall require the order:

(a) all necessary steps such as maintenance servicing, repairs, and/or replacement of system components to correct the system;

(b) effluent quality testing for COD and TSS shall continue every week until two successive samples of COD and TSS are found to be in compliance;

(c) payment of fees for additional inspections, reviews and testing;

(d) evaluation of the system design including non-approved changes to the system, the wastewater flow, and biological and chemical loading to the system;

(e) investigation of household practices related to the discharge of chemicals into the system, such as photo-finishing chemicals, laboratory chemicals, excessive amount of cleaners or detergents, etc.; and

(f) additional tests or samples to troubleshoot the system malfunction.

1.5 LARGE UNDERGROUND WASTEWATER DISPOSAL SYSTEM REQUIRED:

The drainage system of any building or establishment covered herein shall receive all wastewater as required by R309-100, the Utah Plumbing Code and shall have a connection to a public sewer except when such sewer is not available for use, in which case connection shall be made as follows:

A. To an underground wastewater disposal system found to be adequate and constructed in accordance with requirements stated herein.

B. To any other type of disposal system acceptable under R317-3.

1.6 MULTIPLE UNITS UNDER SEPARATE OWNERSHIP: Multiple Units Under Separate Ownership shall not be served by a common large underground disposal system except when, based upon sound engineering judgment, other alternatives are determined infeasible. In such cases, a common subsurface system may be used provided the following requirements are met:

A. The common subsurface disposal system and conveyance sewers shall be under the sponsorship of a body politic.

B. The subsurface absorption system shall be designed and constructed to provide duplicate capacity (two independent systems). Each system shall be designed to accommodate the total anticipated maximum daily flow. The duplicate systems shall be designed with appropriate valving, etc., to allow for periodic alternation of the use of each system.

C. Sufficient land area with suitable characteristics shall be available to provide for a third absorption system capable of handling the total maximum daily wastewater flow. This area shall be kept free of permanent structures, traffic or soil modification (See Section R317-5-3.1(L)).

D. The subsurface absorption system should be used only until a more permanent system becomes available.

1.7 NEW PROCESSES AND METHODS OF DISPOSAL: Where unusual conditions exist, other methods of disposal not described herein may be employed if approved by the Utah Water Pollution Control Committee and by the local health authority having jurisdiction. The approval will be based on evidence of adequacy to meet water quality standards and other requirements of the Code.

1.8 UNITS REQUIRED IN A LARGE UNDERGROUND WASTEWATER DISPOSAL SYSTEM: The large underground wastewater disposal system shall typically consist of the following:

A. A building sewer with cleanout.

B. A septic tank.

C. An effluent filter.

D. A pressurized subsurface disposal system. This may be an absorption field, deep wall trenches, absorption beds, or, for packed bed media applications, drip irrigation dispersal, depending on location, topography, soil conditions and maximum ground water level.

E. Accessibility components to insure proper maintenance and servicing. These may include risers on tanks to the surface of the ground, with firmly secured lids; and absorption field inspection ports.

F. Pressurized systems typically require a dosing chamber or dosing tank and cleanouts at the end of pressurized laterals.

G. Additional components may also be required depending on the waste stream characteristics and the need to provide adequate protection to groundwater. These components may include pretreatment devices such as grease traps, or may involve secondary treatment using packed bed media systems.

1.9 LOCATION AND INSTALLATION: Location and installation of the wastewater disposal system shall be such that with reasonable maintenance it will function properly and will not create a nuisance, health hazard or endanger the quality of any waters of the State. Due consideration shall be given to the size and shape of the area in which the system is installed, slope of natural and finished grade, soil characteristics, maximum ground water elevation, proximity of existing or future water supplies or water courses, possible flooding and expansion potential of the disposal system.

1.10 ISOLATION: The system shall be isolated as shown in Table 5-1.

TABLE 5-1
MINIMUM HORIZONTAL SEPARATION IN FEET
(Undisturbed Earth)

	Building Sewer	Septic Tank	Absorption Field Trench	Seepage Pit or trench	Absorption Bed
Drinking Water Supply Source					
Deep Well	(a)100	100	100	100	100
Shallow Well or Spring	(b)	(b)	(b)	(b)	(b)
Domestic Water Supply Lines	(c)	10	10	10	10
Ponds, Lakes, Reservoirs and Water Courses	---	25	(d)	(d)	(d)
Foundation Walls	3	5	25	25	25
Land Drain					
Located upslope	---	10	20	20	20
Located downslope	---	25	100	100	100
Property Line	5	5	5	15	10
Seepage Pits (Trenches)	---	5	10	12(e)	10
Absorption beds	---	5	10	10	10
Absorption fields	---	5	(f)	10	10

Footnotes:

(a) Sewers may be constructed within the 100 foot protective zone, provided the sewer construction meets the requirements of R309-106-2.3.4.

(b) It is recommended that the listed concentrated sources of pollution be located at least 1,500 feet from shallow wells and springs. Any proposal to locate closer than 1,500 feet will be reviewed on a case-by-case basis, taking into account geology, topography, existing land use agreements, designated use of water system (public or non-public) and potential for pollution of water sources. It is the responsibility of the water supply owner to establish an adequate protection zone in accordance with the applicable drinking water regulations. Even separation of 1500 feet or greater from concentrated sources of pollution will not guarantee suitability of the water supply system.

(c) The requirements stated in R317-5-1.13(F) must be met

(d) A minimum of 100 feet is desirable, but may be modified to a lesser or greater distance, depending on soil conditions or mitigating measures such as lining the water course with impervious material.

(e) Seepage pits or seepage trenches must be installed within an established absorption zone. The absorption zone will be sized based on the ratio of ground surface area "GSA" to the required sidewall area "SWA". The GSA/SWA ratio must be at least 2.5. The trenches and pits shall be installed within the absorption zone such that the spacing between trenches will be equal. Spacing of 12 feet (sidewall to sidewall) shall be a minimum. Distance to the edge or boundary of the established absorption zone shall be a minimum of 15 feet. The system must also conform to all other separation requirements identified in Table 5-1.

The required sidewall area "SWA" shall be computed based on the design application rate with the associated soil type depicted in Table 5-8. The ground surface area identified within the absorption zone will be a minimum of 2.5 times the required sidewall area. An example of a typical seepage trench design with variation is available from the Bureau of Water Pollution Control.

(f) See Table 5-4.

1.11 CONSTRUCTION INSPECTION: Approval to operate the constructed/installed facilities shall be issued following a final inspection by a representative of the Department of Health. The facilities must be inspected after installation but prior to backfilling.

1.12 CONSTRUCTION MATERIALS: Materials used in construction of the system shall be durable, sound, and not unduly subject to corrosion. Pipe, pipe fittings and similar materials shall comply with the requirements of R309-100.

1.13 WASTEWATER DRAINAGE LINE OR BUILDING SEWER: Wastewater drainage lines (or building sewers) shall comply with R309-100, the Utah Plumbing Code, or meet the following requirements, whichever is more restrictive.

A. Any generally accepted material will be given consideration, but material selected shall be suitable for local conditions to include soil characteristics, external loadings, abrasions and similar problems.

B. The lines shall have a minimum inside diameter of 4 inches, in which case they shall be laid on a minimum slope of 1.25 percent. For sewer lines serving more than one dwelling unit, it is recommended that the line be sized greater than 4 inches in diameter. Lines of greater sizes should be designed for a minimum velocity of 2 feet per second based on the pipe flowing full. See R317-3 for calculation of flow velocities.

C. The lines shall have cleanouts every 50 feet and at all changes in direction or grade, except where manholes are installed every 400 feet and at every change in direction or grade.

D. On 4-inch and 6-inch lines, two 45 degree bends with cleanout will be acceptable in lieu of a manhole, and 90 degree ells are not recommended.

E. The design of wastewater pump stations shall comply with the requirements contained in R317-3.

F. Lines shall be separated from water service pipes in separate trenches and by at least 10 feet horizontally. If the local conditions prevent a 10 foot separation, or when sewer lines must cross water lines, the two lines may be placed within the 10 feet of each other, provided:

1. The bottom of the water service pipe, at all points, shall be at least 18 inches above the top of the wastewater drainage line at its highest point.

2. The water service pipe shall be placed in a separate trench or the line should be placed on a shelf of undisturbed soil to one side of the sewer line trench.

3. The number of joints in the service pipe shall be kept to a minimum and the materials and joints of both the sewer line and water service line shall be of a strength and durability to prevent leakage under known adverse conditions. The joints between the two lines shall be staggered to the extent possible.

4. When it is impossible to obtain the proper horizontal and vertical separation as stipulated above, both the water and sewer line shall be constructed in accordance with the requirements of R309-112.2.

1.14 ESTIMATES OF WASTEWATER QUANTITY: The maximum daily wastewater flow to be disposed of should be determined as accurately as possible, preferably by actual measurement. Where this is not possible, Table 5-2 may be used to estimate the flow.

TABLE 5-2
ESTIMATED QUANTITY OF DOMESTIC WASTEWATER

TYPE OF ESTABLISHMENT	GALLONS PER DAY
Construction/work camps (semi-permanent)	60 per person
Resort camps with limited plumbing	60 per person
Country Clubs	25 per person
Dwellings	
a. Boarding house	60 per person
Additional kitchen waste for non-resident boarder	10 per person
b. Boarding schools	75-100 per person
c. Condominium	400 per unit
d. Mobile home	400 per unit
e. Single family dwelling	400 per day
f. Rooming House	40 per person
Highway Rest Areas (improved with restroom facilities)	5 per vehicle
Hospitals	250 per bed
Nursing Homes	200 per Bed
Institutions other than Hospitals and Nursing Homes	75-125 per person
Motels and Hotels	62 per person
Industrial Buildings (exclusive of industrial waste)	15-35 per person
Launderette (self-service)	50 per load
Office Buildings	
a. With cafeteria	25 per employee
b. Without cafeteria	15 per employee
Recreational Vehicle Parks/ Campgrounds	
a. Sanitary stations for self-contained Vehicles	50 per space
b. Independent spaces (temporary or transient with sewer connections)	125 per space
c. Dependent spaces (temporary or transient with no sewer connections)	125 per space
with service building including showers	35 per person (Campground)
(1) with service building but no showers	85 per space 25 per person (Campground)
d. Campground with no flush toilets	5 per person
Restaurants	35 per seat
a. Additional for bars and cocktail lounges	2 per person
Schools	
a. Boarding	75 per person
b. Day, without cafeteria, gymnasiums or showers	15 per person
c. Day, with cafeteria, but no gymnasium or shower	20 per person
d. Day, with cafeteria, gymnasium and shower	25 per person
Service Station (per vehicle served)	5 per vehicle
Ski Areas and Visitor Centers	5 per visitor

R317-5-2. Septic Tanks.

2.1 GENERAL REQUIREMENTS: Septic tanks shall be constructed of durable materials designed to withstand expected physical loads and corrosive forces. They shall be watertight

and designed to provide settling of solids, accumulation of sludge and scum, and access for cleaning, as specified in the following paragraphs.

2.2 TANK CAPACITY: Septic tanks shall be sized on the following basis:

(1) V = 1.5Q for Q less than or equal to 1500

(2) V = 1125 + 0.75 Q for Q greater than 1500

V = liquid volume of tank in gallons

Q = (Maximum anticipated) wastewater discharge in gallons per day

2.3 TANK DIMENSIONS: In general, tank length should be at least 2 or 3 times the width. Liquid depth of tanks shall be at least 30 inches. A liquid depth greater than 6 feet shall not be considered in determining tank capacity.

2.4 TANK COMPARTMENTS: Septic tanks may be divided into compartments, or separate tanks may be installed in series, up to a maximum of 3, provided the following requirements are met:

A. The volume of the first compartment or tank must equal or exceed the volume of any other compartment.

B. No compartment or tank shall have an inside horizontal dimension less than 24 inches.

C. Inlets and outlets shall be designed as specified for tanks, except when a partition wall is used to form a multi-compartment tank. Under such conditions, an opening in the partition may be used to allow for flow between compartments, provided the minimum dimension of the opening is 4 inches, the cross-sectional area is not less than 30 square inches, and the mid-point is below the liquid surface a distance approximately equal to 40% of the liquid depth of the tank.

2.5 INLETS AND OUTLETS:

A. Inlets and outlets of tanks or compartments shall be submerged or baffled to divert incoming flow toward the tank bottom and minimize the discharge of sludge or scum in the effluent.

B. Sanitary Tees may be used in lieu of baffled inlet or outlet structures.

C. All outlet baffles shall extend below the liquid surface a distance equal to approximately 40% of the liquid depth. Space between the baffle top and the underside of the tank cover shall be at least 1 inch.

D. Scum storage volume shall consist of 15% or more of the required liquid capacity of the tank and shall be provided in the space between liquid surface and top of inlet devices, which shall be set at least 1 inch below the underside of the tank cover.

E. Inlets and outlets shall allow free venting of tank gases back through the drainage system.

F. The inlet invert shall be at least 1 inch above outlet invert.

2.6 ACCESS TO TANK:

A. Access to inlet and outlet devices shall be provided through properly placed openings not less than 18 inches in minimum horizontal dimension.

B. The top of the tank shall be at least 6 inches below finished grade.

C. If the top of the tank is located more than 18 inches below finished grade, all access openings required by sub-section (1) above, shall be extended to within 18 inches of the finished grade.

2.7 ABANDONED SEPTIC TANKS: Septic tanks, cesspools and seepage pits which are no longer in use shall be completely pumped and filled with sand or soil.

2.8 DISCHARGE TO ABSORPTION SYSTEM: Septic tank effluent shall be conducted to the absorption system through a watertight sewer line meeting the requirements for wastewater drainage lines as contained in R317-5-1.13(A), (B), and (F). Tees, wyes, or other distributing devices may be used as needed. If a distribution box is used, it shall be of sufficient size to accommodate the necessary distribution line connections. Outlet inverts shall be at the same elevation and at least 1 inch below the inlet invert. Conveyance to the absorption system must be adequately sized to handle peak hydraulic flow.

R317-5-3. Absorption Systems.

3.1 GENERAL REQUIREMENTS:

A. Suitable soil exploration, to a depth of about 10 feet, or at least 4 feet below the bottom of the proposed absorption systems and percolation tests, shall be made to provide information on subsoil conditions. Percolation tests and soil exploration reports shall be completed and submitted as part of the engineering report for the disposal facility. After January 1, 2002, the soil evaluation and percolation tests must be done in accordance with certification requirements in R317-11. A minimum of 5 percolation tests must be conducted at different sites for each disposal system. Additional tests may be required, where necessary to adequately evaluate the total absorption system or where there is significant variability in test results. In general, the system will be sized based on the slowest stabilized percolation test rate. Soil logs should be prepared in accordance with the Unified Soil Classification System by a qualified individual. Requirements outlined in R317-5-4.1 and Table 5-8 will be helpful in developing this information.

B. Absorption devices, including seepage pits or trenches, placed in sloping ground should be so constructed that the horizontal distance between the distribution line and the ground surface is at least 10 feet.

C. Soil having excessively high permeability, such as gravel with large voids, affords little filtering and is unsuitable for absorption systems. Percolation rates (R317-5-4.1) of approximately 5 minutes per inch or less usually will not be acceptable.

The extremely fine-grained "blow sand" found in some parts of Utah is generally unsuitable for absorption systems and should be avoided. If no choice is available, systems may be constructed in such material, provided it is within the required percolation range specified in this code, and the required area is calculated on the minimum percolation rate (60 minutes per inch for absorption fields and 30 minutes per inch for absorption beds).

D. Absorption system excavations may be made by machinery provided that the soil in the bottom and sides of the excavation is not compacted. Strict attention shall be given to the protection of the natural absorption properties of the soil. Absorption systems shall not be excavated when the soil is wet enough to smear or compact easily. All smeared or compacted surfaces should be raked to a depth of one inch, and loose material removed before the filter material is placed in the absorption system excavation.

E. Effluent distribution lines or pipe shall be perforated and should consist of 4-inch diameter pipe of appropriate material which has demonstrated satisfactory results for the given application. The distribution pipe shall be bedded true to line and grade, uniformly and continuously supported on firm, stable material.

F. The coarse material in the absorption system shall consist of crushed stone, gravel, or similar material of equivalent strength and durability. It shall be free from fines, dust, sand or clay. The top of the stone or gravel shall be covered with a pervious material such as an acceptable synthetic filter fabric, a 2-inch compacted layer of straw, or similar material before being covered with earth backfill to prevent infiltration of backfill into the stone or gravel.

G. Distribution pipes placed under driveways or other areas subjected to heavy loads shall receive special design considerations to insure against crushing or disruption of alignment. Absorption area under driveways or pavement shall not be considered in determining the minimum required absorption area.

H. Absorption systems shall be backfilled with earth that is free from debris and large rocks. The first 4 to 6 inches of soil backfill should be hand placed. Distribution pipes shall not be crushed or misaligned during backfilling. When backfilling, the earth should be mounded slightly above the surface of the ground to allow for settlement.

I. Heavy equipment shall not be driven in or over absorption systems during backfilling or after completion.

J. That portion of absorption system below the top of distribution pipes shall be in natural soil. Under unusual circumstances the Utah Water Pollution Control Committee may allow installation in acceptably stabilized earth fill. The earth fill and location will have to be evaluated on a case-by-case basis, taking into consideration the soil characteristics and degree of consolidation of the fill material.

K. Soil and Ground Water Requirements. In areas where absorption systems are to be constructed, soil cover must be adequate to insure at least 4 feet of soil between bedrock or any other impervious formation, and the bottom of absorption systems. Maximum ground water elevation must be at least 2 feet below the bottom of absorption systems and at least 4 feet below finished grade.

L. Replacement Area for Absorption System. Adequate and suitable land shall be reserved and kept free of permanent structures, traffic, or adverse soil modification for replacement of the absorption system. Suitability must be demonstrated through soil exploration and percolation tests results.

3.2 ABSORPTION FIELDS: Absorption fields are the preferred type of absorption system. They consist of a series of gravel-filled trenches provided with perforated pipes designed to distribute septic tank effluent into the gravel fill, from which it percolates through the trench walls and bottom into the surrounding sub-surface soil.

A. Design of absorption fields shall be as outlined in Tables 5-3 and 5-4.

TABLE 5-3
ABSORPTION FIELD CONSTRUCTION DETAILS

ITEMS	UNITS	MINIMUM	MAXIMUM
Number of lateral trenches		2	-
Length of trenches	Feet	-	100
Width of trenches	Inches	12	36
Slope of pipe (bottom)	In./100 ft.	Level	Level
Depth of coarse material:			
Under pipe	Inches	6	-
Under pipe located within 10 ft. of trees	Inches	12	-
Over pipe	Inches	2	-
Size of coarse material	Inches	3/4	2-1/2
Depth of backfill over coarse material	Inches	6	-

TABLE 5-4
SIZE AND MINIMUM SPACING FOR ABSORPTION FIELD TRENCHES

Minimum Spacing of Trenches Width of trench at bottom (inches)	wall to wall (ft.)
12 to 18	6.0
18 to 24	6.5
24 to 30	7.0
30 to 36	7.5

B. The minimum absorption area (total bottom area of trenches) of the absorption field shall be determined from the following equation but in no case the maximum allowable application rate shall exceed 2.2 gallons per square foot per day

Q = 5 / square root of t

Where Q = maximum rate of effluent application to the soil in gallons per square foot per day

t = stabilized percolation rate in minutes per inch

Percolation tests shall be performed as specified in R317-5-4.1. Rates in excess of 60 minutes per inch indicate a soil unsuitable for absorption field construction.

C. Wherever possible all trench bottoms should be constructed at the same elevation. Distribution pipes and trenches should be level and should be connected at both ends to provide a continuous system. If ground surface slope is too steep to permit a level installation, then a system of serial trenches following land contours should be used, with each trench and distribution pipe being constructed level but at a different elevation. A schematic diagram showing the recommended layout of trenches and distribution systems is available from the Bureau of Water Pollution Control.

1. The system should include drop boxes which should generally conform to the detail in Appendix 1 and should operate in such a manner that a trench will be filled with wastewater to the depth of the gravel fill before the wastewater flows to the next lower trench. The drop boxes shall be watertight and should be provided with a means of access at the top.

2. The lines between the drop boxes should be a minimum of 4 inches in diameter and should be watertight with direct connections to the distribution box. They should be laid in a trench excavated through undisturbed earth to the exact depth required. Backfill should be carefully tamped.

3.3 ABSORPTION BEDS: Absorption beds consist of large excavated areas provided with gravel fill in which effluent distribution lines are laid. They may be used in place of absorption fields when trenches are not considered desirable, and shall conform to requirements applying to absorption fields, except for the following:

A. They shall comply with construction details specified in Table 5-5.

TABLE 5-5
ABSORPTION BED CONSTRUCTION DETAILS

ITEM	UNIT	MINIMUM	MAXIMUM
Distance between distribution lines	Feet	-	6
Distance between distribution lines and wall	Feet	-	3
Depth to bottom of bed	Feet	1-1/2	-
Size of coarse material	Inches	3/4	2-1/2
Depth of coarse material			
Under pipe	Inches	6	-
In bed within 10 ft. of trees	Inches	12	-
Over pipe	Inches	2	-
Depth of backfill over coarse material	Inches	6	-

B. Required absorption area (total bottom area of bed) shall be determined from the following equation, but in no case shall it exceed 1.1 gallons per square foot per day.

Q = 2.5/square root of t

Where Q = maximum rate of effluent application to the soil in gallons per square foot per day.

t = stabilized percolation rate in minutes per inch.

Percolation tests shall be performed as specified in R317-5-4.1. Rates in excess of 30 minutes per inch indicate a soil unsuitable for absorption bed construction.

3.3 SEEPAGE PITS: If absorption fields or beds are not feasible, seepage pits will be considered. These consist of deep pits which receive septic tank effluent and allow it to seep through sidewalls into the adjacent subsurface soil. Seepage pits may be either hollow lined or filled with clean coarse material. They shall conform to the following requirements:

A. Number and size of seepage pits required shall be determined by calculation of seepage rate into each stratum of soil encountered in pit sidewall by reference to Table 5-8. Only pervious side-wall area below the inlet shall be considered. In order to calculate a sidewall seepage rate a representative number of soil explorations shall be evaluated to adequately identify the type and depth of each soil stratum expected throughout the absorption area. In general, a minimum of 5 explorations will be evaluated. This information shall be provided in the engineering report.

B. For the purposes of confirming an appropriate sidewall seepage rate, the owner shall submit a statement describing the character and thickness of each stratum of soil encountered during pit construction. Soil classification and assumed seepage rates shall be as specified in Table 5-8 except when valid seepage measurements are available.

C. The lining may be brick, stone, block or similar materials, at least 4 inches thick, laid in cement mortar above the inlet and with tight butted joints below the inlet. The annular space between the lining and the earth wall shall be filled with crushed rock or gravel varying in diameter from 3/4 inch to 2-1/2 inches.

D. A structurally sound and otherwise suitable top shall be provided. Structural design and materials used throughout shall assure a durable safe structure.

E. If more than one seepage pit is provided, the installation may be operated in series or parallel with distribution of effluent as specified in R317-5-2.1(G).

F. For hollow lined pits, the inlet pipe should extend horizontally at least 1 foot into the pit with a tee to divert flow downward and prevent washing and eroding the sidewall.

G. For filled pits a thin layer of crushed rock or gravel ranging from 3/4 to 2-1/2 inches in diameter, free from fines, sand, clay or organic material shall cover the coarse material to permit leveling of the distribution pipe.

TABLE 5-6
SEEPAGE PITS CONSTRUCTION DETAILS

ITEM	UNIT	MINIMUM	MAXIMUM
Generals			
Distance between seepage pits	feet	12(a)	-
Diameter of distribution pipe	inches	4	-
Size of coarse material	inches	3/4	12
Bottom of pit to maximum ground water	feet	2	-
Bottom of Pit in unsuitable soil or bedrock formations	feet	4	-
Hollow-lined Pits:			
Width of annular space between lining and sidewall containing crushed rock (3/4 to 2-1/2 inches in diameter)	inches	6	-
Thickness of brick, or block linings	inches	4(b)	
Filled Pits:			
Depth of coarse material:			
Under pipe	feet	4	-
Over distribution pipe	inches	2	-
Depth of backfill over material	inches	6	-

Footnotes:
(a) See Table 5-1
(b) Pre-manufactured linings may be approved with thicknesses less than 4 inches.

3.5 SEEPAGE TRENCHES (MODIFIED SEEPAGE PITS):

Seepage trenches are considered as modified seepage pits and consist of deep trenches filled with clean, coarse material. They shall conform to the requirements applying to seepage pits except for the following:

A. The effective sidewall absorption area shall be considered as the outside surface of the seepage trench (vertical sidewall area) calculated below the inlet or distribution pipe. Only pervious sidewall area below the inlet shall be considered.

TABLE 5-7
SEEPAGE TRENCH DETAIL

ITEM	UNIT	MINIMUM	MAXIMUM
Seepage trench width	feet	2	-
Seepage trench length	feet	-	100
Effluent Distribution pipe			
Diameter	inches	4	-
Slope	percent	level	level
Distance between seepage trenches	feet	12(a)	-

Footnote:
(a) See Table 5-1.

TABLE 5-8
SEEPAGE TRENCHES AND PITS
ALLOWABLE SIDEWALL SEEPAGE RATES

	SYMBOL AND CHARACTER OF SOIL BY UNIFIED SOIL CLASSIFICATION SYSTEM	GALLONS/ DAY/ SQ. FT.
	Hardpan or bedrock (including fractured bedrock with little or no fines).	0
GW	Well graded gravels, gravel-sand mixtures little or no fines.	1.55
GP	Poorly graded gravels or gravel-sand mixtures, little or no fines.	1.55
SW	Well graded sands, gravelly sand, little or no fines.	1.20
SP	Poorly graded sands or gravelly sands, little or no fines.	1.20
SM	Silty sand, sand-silt mixtures.	0.8
GM	Silty gravels, poorly graded gravel-sand-silt mixtures.	1.0
GC	Clayey gravels, gravelly-sand-clay mixtures.	0.45(a)
SC	Clayey sands, sand-clay mixtures.	0.45(a)
ML	Inorganic silts and very fine sand, rock flour, silt or clayey find sands or clayey silts with slight plasticity.	0.45(a)
MH	Inorganic silts, micaceous or diatomaceous fine sandy or silty soils, elastic silts.	0.45(a)(b)
CL	Inorganic clays or low to medium plasticity, gravelly clays, sandy clays, silty clays, lean clays.	0.45(a)(b)
CH	Inorganic clays of high plasticity, fat clays.	0
OL	Organic silts and organic silty clays of low plasticity.	0
OH	Organic clays of medium to high plasticity, organic silts.	0
PT	Peat and other highly organic silts.	0

Other Impervious formations.	0

Footnotes:

(a) For the purpose of this table, whenever there are reasonable doubts regarding the suitability and estimated absorption capacities of soils, percolation tests shall be conducted in those soils in accordance with R317-4-1. Soils within the same classification may exhibit extreme variability in permeability, depending on the amount and type of clay and silt present. The following soils categories, SC,GC, and ML, MH and CL soils, may prove unsatisfactory for absorption systems, depending upon the percentage and type of fines present.

(b) These soils are usually considered unsuitable for absorption systems, but may be suitable, depending upon the percentage and type of fines in coarse-grained porous soils, and the percentage of sand and gravels in fine-grained soils.

R317-5-4. Percolation Tests.

A. General Requirements.

1. A percolation test measures the rate which subsurface soil absorbs water for the purpose of identifying porous soil strata and site suitability for absorption systems, and is also a basis for estimating the design criteria of such systems to insure a reasonably long lifespan.

2. While percolation tests constitute a valuable guide for successful operation of disposal systems, considerable judgment must be used in applying the results. Percolation test results shall not be presumptive, prima facie, or conclusive evidence as to the suitability for absorption systems. Such percolation tests may be considered and analyzed as one of many criteria in determining soil suitability for absorption systems. There is no need for conducting percolation tests when the soil or other site conditions are clearly unsuitable.

3. When percolation tests are made, such tests shall be made at points and elevations selected as typical of the area in which the absorption system will be located. Consideration should be given to the finished grades of building sites so that test results will represent the percolation rate of the soil in which absorption systems will be constructed. After the suitability of any area to be used for absorption systems has been evaluated and approved for construction, no grade changes shall be made to this area unless the health authority is notified and a reevaluation of the area's suitability is made prior to the initiation of construction.

B. Required Test Procedures.

1. Test results when required shall be considered an essential part of plans for absorption systems and shall be submitted on a signed "Percolation Test Certificate" or equivalent, certifying that the tests were conducted in accordance with these requirements, and indicating the depth and rate of each test in minutes per inch, the date of the tests, the logs of the soil exploration pits, a statement of the present and maximum ground water table, and all other factors affecting percolation test results. Percolation tests shall be conducted at the owner's expense by or under the supervision of a registered sanitarian, registered engineer, or other qualified person approved by the health authority in accordance with the following:

(a) Conditions Prohibited for Test Holes.

Percolation tests shall not be conducted in test holes which extend into ground water, bedrock, or frozen ground. Where a fissured soil formation is encountered, tests shall be made under the direction of the health authority.

(b) Number and Location of Percolation Tests.

One or more tests shall be made in separate test holes on the proposed absorption system site to assure that the results are representative of the soil conditions present.

Where questionable or poor soil conditions exist, the number of percolation tests and soil explorations necessary to yield accurate, representative information shall be determined by the health authority and may be accepted only if conducted with an authorized representative present.

(c) Type, Depth, and Dimensions of Test Holes.

Test holes shall be dug or bored, preferably with hand tools such as shovels or augers, etc., and shall have horizontal dimensions ranging from 4 to 18 inches (preferably 8 to 12 inches). The vertical sides shall be at least 12 inches deep, terminating in the soil at an elevation 6 inches below the bottom of the proposed absorption system.

2. Test Procedure for Sandy or Granular Soils

For tests in sandy or granular soils containing little or no clay, the hole shall be carefully filled with clear water to a minimum depth of 12 inches over the gravel and the time for this amount of water to seep away shall be determined. The procedure shall be repeated and if the water from the second filling of the hole at least 12 inches above the gravel seeps away in 10 minutes, or less, the test may proceed immediately as follows:

(a) Water shall be added to a point not more than 6 inches above the gravel.

(b) Thereupon, from the fixed reference point, water levels shall be measured at 10 minute intervals for a period of 1 hour.

(c) If 6 inches of water seeps away in less than 10 minutes a shorter time interval between measurements shall be used, but in no case shall the water depth exceed 6 inches.

(d) The final water level drop shall be used to calculate the percolation rate.

3. Test Procedure for Other Soils Not Meeting the Above Requirements.

The hole shall be carefully filled with clear water and a minimum depth of 12 inches shall be maintained above the gravel for at least a 4-hour period by refilling whenever necessary. Water remaining in the hole after 4 hours shall not be removed. Immediately following the saturation period, the soil shall be allowed to swell not less than 16 hours or more than 30 hours. Immediately following the soil swelling period, the percolation rate measurements shall be made as follows:

(a) Any soil which has sloughed into the hole shall be removed and water shall be adjusted to 6 inches over the gravel.

(b) Thereupon, from the fixed reference point, the water level shall be measured and recorded at approximately 30 minute intervals for a period of 4 hours unless 2 successive water level drops do not vary more than 1/16 of an inch and indicate that an approximate stabilized rate has been obtained.

(c) The hole shall be filled with clear water to a point not more than 6 inches above the gravel whenever it becomes nearly empty.

(d) Adjustments of the water level shall not be made during the last 3 measurement periods except to the limits of the last water level drop.

(e) When the first 6 inches of water seeps away in less than 30 minutes, the time interval between measurements shall be 10 minutes, and the test run for 1 hour.

(f) The water depth shall not exceed 6 inches at any time during the measurement period.

(g) The drop that occurs during the final measurement period shall be used in calculating the percolation rate.

4. Calculation of Percolation Rate.

The percolation rate is equal to the time elapsed in minutes for the water column to drop, divided by the distance the water dropped in inches or fractions thereof.

5. Using Percolation Rate to Determine Absorption Area.

The minimum or slowest percolation rate shall be used in calculating the required absorption area.

C. Recommendations to Enhance Test Procedures.

1. Soil Exploration Pit Prerequisite to Percolation Tests.

Since the appropriate percolation test depth depends on the soil conditions at a specific site, the percolation test should be conducted only after the soil exploration pit has been dug and examined for suitable and porous strata and ground water table information. Percolation test results should be related to the soil conditions found.

2. Test Holes to Commence in Specially Prepared Excavations.

All percolation test holes should commence in specially prepared larger excavations (preferably made with a backhoe) of sufficient size which extend to a depth approximately 6 inches above the strata to be tested.

3. Preparation of Percolation Test Hole. Carefully roughen or scratch the bottom and sides of the hole with a knife blade or other sharp pointed instrument in order to remove any smeared soil surfaces and to provide an open, natural soil interface into which water may percolate. Nails driven into a board will provide a good instrument to scarify the sides of the hole. Remove all loose soil from the bottom of the hole. Add up to 3 inches of clean coarse sand or pea-sized gravel to protect the bottom from scouring or sealing with sediment when water is added.

Caving or sloughing in some test holes can be prevented by placing in the test hole a wire cylinder or perforated pipe surrounded by clean coarse gravel.

4. Saturation and Swelling of the Soil. It is important to distinguish between saturation and swelling. Saturation means that the void spaces between soil particles are full of water. This can be accomplished in a relatively short period of time. Swelling is a soil volume increase caused by increase intrusion of water into the individual soil particles. This is a slow process, especially in clay-type soil, and is the reason for requiring a prolonged swelling period.

5. Placing Water in Test Holes.

Water should be placed carefully into the test holes by means of a small-diameter siphon hose or other suitable method to prevent washing down the side of the hole.

6. Percolation Rate Measurement, General.

Necessary equipment should consist of a tape measure (with at least 1/16-inch calibration) or float gauge and a time piece or other suitable equipment. All measurements shall be made from a fixed reference point near the top of the test hole to the surface of the water.

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R317. Environmental Quality, Water Quality.
R317-8. Utah Pollutant Discharge Elimination System (UPDES).
R317-8-1. General Provisions and Definitions.

1.1 COMPARABILITY WITH THE CWA. The UPDES rules promulgated pursuant to the Utah Water Quality Act are intended to be compatible with the Federal regulations adopted pursuant to CWA.

1.2 CONFLICTING PROVISIONS. The provisions of the UPDES rules are to be construed as being compatible with and complementary to each other. In the event that any of these rules are found by a court of competent jurisdiction to be contradictory, the more stringent provisions shall apply.

1.3 SEVERABILITY. In the event that any provision of these rules is found to be invalid by a court of competent jurisdiction, the remaining UPDES rules shall not be affected or diminished thereby.

1.4 ADMINISTRATION OF THE UPDES PROGRAM. The Executive Secretary of the Utah Water Quality Board has responsibility for the administration of the UPDES program, including pretreatment. The responsibility for the program is delegated to the Executive Secretary in accordance with UCA Subsection 19-5-104(11) and UCA Subsection 19-5-107(2)(a). The Executive Secretary has the responsibility for issuance, denial, modification, revocation and enforcement of UPDES permits, including general permits, Federal facilities permits, and sludge permits; and approval and enforcement authority for the pretreatment program.

1.5 DEFINITIONS. The following terms have the meaning as set forth unless a different meaning clearly appears from the context or unless a different meaning is stated in a definition applicable to only a portion of these rules:

(1) "Administrator" means the Administrator of the United States Environmental Protection Agency, or an authorized representative.

(2) "Applicable standards and limitations" means all standards and limitations to which a discharge, a sewage sludge use or disposal practice, or a related activity is subject under Subsection 19-5-104(6) of the Utah Water Quality Act and regulations promulgated pursuant thereto, including but not limited to effluent limitations, water quality standards, standards of performance, toxic effluent standards or prohibitions, best management practices, pretreatment standards, and standards for sewage sludge use or disposal.

(3) "Application" means the forms approved by the Utah Water Quality Board, which are the same as the EPA standard NPDES forms, for applying for a UPDES permit, including any additions, revisions or modifications.

(4) "Average monthly discharge limit" means the highest allowable average of daily discharges over a calendar month, calculated as the sum of all daily discharge measured during a calendar month divided by the number of daily discharges measured during the month.

(5) "Average weekly discharge limit" means the highest allowable average of daily discharges over a calendar week, calculated as the sum of all daily discharges measured during a calendar week divided by the number of daily discharges measured during that week.

(6) "Best management practices (BMPs)" means schedules of activities, prohibitions of practices, maintenance procedures, and other management practices to prevent or reduce the pollution of waters of the state. BMPs also include treatment requirements, operating procedures, practices to control plant site runoff, spillage or leaks, sludge or waste disposal or drainage from raw material storage.

(7) "Class I sludge management facility" means any POTW required to have an approved pretreatment program under R317-8-8 and any other treatment works treating domestic sewage classified as a Class I sludge management facility by the Executive Secretary, because of the potential for its sludge use or disposal practices to adversely affect public health and the environment.

(8) "Continuous discharge" means a discharge which occurs without interruption throughout the operating hours of the facility, except for infrequent shutdowns for maintenance, process changes, or other similar activities.

(9) "CWA" means the Clean Water Act as subsequently amended (33 U.S.C. 1251 et seq.).

(10) "Daily discharge" means the discharge of a pollutant measured during a calendar day or any 24-hour period that reasonably represents the calendar day for purposes of sampling. For pollutants with limitations expressed in units of mass, the daily discharge is calculated as the total mass of the pollutant discharged over the day. For pollutants with limitations expressed in other units of measurement, the daily discharge is calculated as the average measurement of the pollutant over the day.

(11) "Direct discharge" means the discharge of a pollutant.

(12) "Discharge of a pollutant" means any addition of any pollutants to "waters of the State" from any "point source." This definition includes additions of pollutants into waters of the State from: surface runoff which is collected or channeled by man; discharges through pipes, sewers, or other conveyances owned by the State, a municipality, or other person which do not lead to a treatment works; and discharges through pipes, sewers, or other conveyances, leading into privately owned treatment works. This term does not include an addition of pollutants by any "indirect discharger."

(13) "Economic impact consideration" means the reasonable consideration given by the Executive Secretary to the economic impact of water pollution control on industry and agriculture; provided, however, that such consideration shall be consistent and in compliance with the CWA and EPA promulgated regulations.

(14) "Executive Secretary" means the Executive Secretary of the Utah Water Quality Board or its authorized representative.

(15) "Discharge Monitoring Report (DMR)" means EPA uniform national form or equivalent State form, including any subsequent additions, revisions or modifications, for the reporting of self-monitoring results by permittees.

(16) "Draft permit" means a document prepared under R317-8-6.3 indicating the Executive Secretary's preliminary decision to issue or deny, modify, revoke and reissue, terminate, or reissue a permit. A notice of intent to terminate a permit, and a notice of intent to deny a permit are types of draft permits. A denial of a request for modification, revocation and reissuance, or termination as provided in R317-8-5.6 is not a draft permit. A proposed permit prepared after the close of the public comment period is not a draft permit.

(17) "Effluent limitation" means any restriction imposed by the Executive Secretary on quantities, discharge rates, and concentrations of pollutants which are discharged from point sources into waters of the State.

(18) "Effluent limitations guidelines" means a regulation published by the Administrator under section 304(b) of CWA to adopt or revise effluent limitations.

(19) "Environmental Protection Agency (EPA)" means the United States Environmental Protection Agency.

(20) "Facility or activity" means any UPDES point source, or any other facility or activity, including land or appurtenances thereto, that is subject to regulation under the UPDES program.

(21) "General permit" means any UPDES permit authorizing a category of discharges within a geographical area, and issued under R317-8-2.5.

(22) "Hazardous substance" means any substance designated under 40 CFR Part 116.

(23) "Indirect discharge" means a nondomestic discharger

introducing pollutants to a publicly owned treatment works.

(24) "Interstate agency" means an agency of which Utah and one or more states is a member, established by or under an agreement or compact, or any other agency, of which Utah and one or more other states are members, having substantial powers or duties pertaining to the control of pollutants.

(25) "Major facility" means any UPDES facility or activity classified as such by the Executive Secretary in conjunction with the Regional Administrator.

(26) "Maximum daily discharge limitation" means the highest allowable daily discharge.

(27) "Municipality" means a city, town, district, county, or other public body created by or under the State law and having jurisdiction over disposal of sewage, industrial wastes, or other wastes. For purposes of these rules, an agency designated by the Governor under Section 208 of the CWA is also considered to be a municipality.

(28) "National Pollutant Discharge Elimination System (NPDES)" means the national program for issuing, modifying, revoking and reissuing, terminating, monitoring and enforcing permits, and imposing and enforcing pretreatment requirements under Sections 307, 402, 318 and 405 of the CWA.

(29) "New discharger" means any building, structure, facility, or installation:

(a) From which there is or may be a "discharge of pollutants;"

(b) That did not commence the "discharge of pollutants" at a particular "site" prior to August 13, 1979;

(c) Which is not a "new source;" and

(d) Which has never received a finally effective UPDES permit for discharges at that "site."

This definition includes an "indirect discharger" which commenced discharging into waters of the state after August 13, 1979.

(30) "New source" means any building, structure, facility, or installation from which there is or may be a direct or indirect discharge of pollutants, the construction of which commenced;

(a) After promulgation of EPA's standards of performance under Section 306 of CWA which are applicable to such source, or

(b) After proposal of Federal standards of performance in accordance with Section 306 of CWA which are applicable to such source, but only if the Federal standards are promulgated in accordance with Section 306 within 120 days of their proposal.

(31) "Non-continuous or batch discharge" for a discharge to be considered a non-continuous or batch discharge the following must apply:

(a) Frequency of a non-continuous or batch discharge:

i. shall not occur more than once every three (3) weeks,

ii. shall not be more than once during the three (3) weeks and

iii. shall not exceed 24 hours;

(b) Shall not cause a slug load at the POTW.

(32) "Owner or operator" means the owner or operator of any facility or activity subject to regulation under the UPDES program.

(33) "Permit" means an authorization, license, or equivalent control document issued by the Executive Secretary to implement the requirements of the UPDES regulations. "Permit" includes a UPDES "general permit." The term does not include any document which has not yet been the subject of final agency action, such as a draft permit or a proposed permit.

(34) "Person" means any individual, corporation, partnership, association, company or body politic, including any agency or instrumentality of the United States government.

(35) "Point source" means any discernible, confined, and discrete conveyance, including but not limited to any pipe, ditch, channel, tunnel, conduit, well, discrete fissure, container, rolling stock, concentrated animal feeding operation, landfill leachate collection system, vessel or other floating craft, from which pollutants are or may be discharged. This term does not include agricultural storm-water runoff or return flows from irrigated agriculture.

(36) "Pollutant" means, for the purpose of these regulations, dredged spoil, solid waste, incinerator residue, filter backwash, sewage, garbage, sewage sludge, munitions, chemical wastes, biological materials, radioactive materials (except those regulated under the Atomic Energy Act of 1954, as amended (42 U.S.C. 2011 et seq.)), heat, wrecked or discarded equipment, rock, sand, cellar dirt and industrial, municipal, and agricultural waste discharged into water. It does not mean:

(a) Sewage from vessels; or

(b) Water, gas, or other material which is injected into a well to facilitate production of oil or gas, or water derived in association with oil and gas production and disposed of in a well, if the well used either to facilitate production or for disposal purposes is approved by authority of the State in which the well is located, and if the State determines that the injection or disposal will not result in the degradation of ground or surface water resources.

(37) "Pollution" means any man-made or man-induced alteration of the chemical, physical, biological, or radiological integrity of any waters of the State, unless such alteration is necessary for the public health and safety. Alterations which are not consistent with the requirements of the CWA and implementing regulations shall not be deemed to be alterations necessary for the public health and safety. A discharge not in accordance with Utah Water Quality Standards, stream classification, and UPDES permit requirements, including technology-based standards shall be deemed to be pollution.

(38) "Primary industry category" means any industry category listed in R317-8-3.11.

(39) "Privately owned treatment works" means any device or system which is used to treat wastes from any facility whose operator is not the operator of the treatment works and which is not a POTW.

(40) "Process wastewater" means any water which, during manufacturing or processing, comes into direct contact with or results from the production or use of any raw material, intermediate product, finished product, byproduct, or waste product.

(41) "Proposed permit" means a UPDES permit prepared after the close of the public comment period and, when applicable, any public hearing and adjudicative proceedings, which is sent to EPA for review before final issuance by the Executive Secretary. A proposed permit is not a draft permit.

(42) "Publicly-owned treatment works" (POTW) means any facility for the treatment of pollutants owned by the State, its political subdivisions, or other public entity. For the purposes of these regulations, POTW includes sewers, pipes or other conveyances conveying wastewater to a POTW providing treatment, treatment of pollutants includes recycling and reclamation, and pollutants refers to municipal sewage or industrial wastes of a liquid nature.

(43) "Recommencing discharger" means a source which resumes discharge after terminating operation.

(44) "Regional Administrator" means the Regional Administrator of the Region VIII office of the EPA or the authorized representative of the Regional Administrator.

(45) "Schedule of compliance" means a schedule of remedial measures included in a permit, including an enforceable sequence of interim requirements leading to compliance with the Utah Water Quality Act and rules promulgated pursuant thereto.

(46) "Secondary industry category" means any industry category which is not a primary industry category.

(47) "Septage" means the liquid and solid material pumped

from a septic tank, cesspool, or similar domestic sewage treatment system, or a holding tank when the system is cleaned or maintained.

(48) "Seven (7) consecutive day discharge limit" means the highest allowable average of daily discharges over a seven (7) consecutive day period.

(49) "Sewage from vessels" means human body wastes and the wastes from toilets and other receptacles intended to receive or retain body wastes that are discharged from vessels and regulated under Section 312 of CWA.

(50) "Sewage sludge" means any solid, semi-solid, or liquid residue removed during the treatment of municipal wastewater or domestic sewage. Sewage sludge includes, but is not limited to, solids removed during primary, secondary or advanced wastewater treatment, scum, septage, portable toilet dumpings, type III marine sanitation device pumpings, and sewage sludge products. Sewage sludge does not include grit or screenings, or ash generated during the incineration of sewage sludge.

(51) "Sewage sludge use or disposal practice" means the collection, storage, treatment, transportation, processing, monitoring, use, or disposal of sewage sludge.

(52) "Site" means the land or water area where any "facility or activity" is physically located or conducted, including adjacent land used in connection with the facility or activity.

(53) "Sludge-only facility" means any treatment works treating domestic sewage whose methods of sewage sludge use or disposal are subject to rules promulgated pursuant to Section 19-5-104 of the Utah Water Quality Act and which is required to obtain a permit under R317-8-2.1.

(54) "Standards for sewage sludge use or disposal" means the rules promulgated pursuant to Section 19-5-104 of the Utah Water Quality Act which govern minimum requirements for sludge quality, management practices, and monitoring and reporting applicable to sewage sludge or the use or disposal of sewage sludge by any person.

(55) "State/EPA Agreement" means an agreement between the State and the Regional Administrator which coordinates State and EPA activities, responsibilities and programs, including those under the CWA programs.

(56) "Thirty (30) consecutive day discharge limit" means the highest allowable average of daily discharges over a thirty (30) consecutive day period.

(57) "Toxic pollutant" means any pollutant listed as toxic in R317-8-7.6 or, in the case of sludge use or disposal practices, any pollutant identified as toxic in State adopted rules for the disposal of sewage sludge.

(58) "Treatment works treating domestic sewage" means a POTW or any other sewage sludge or waste water treatment devices or systems, regardless of ownership (including federal facilities), used in the storage, treatment, recycling, and reclamation of municipal or domestic sewage, including land dedicated for the disposal of sewage sludge. This definition does not include septic tanks or similar devices. For purposes of this definition, "domestic sewage" includes waste and waste water from humans or household operations that are discharged to or otherwise enter a treatment works.

(59) "Variance" means any mechanism or provision under the UPDES regulations which allows modification to or waiver of the generally applicable effluent limitation requirements or time deadlines.

(60) "Waters of the State" means all streams, lakes, ponds, marshes, watercourses, waterways, wells, springs, irrigation systems, drainage systems, and all other bodies or accumulations of water, surface and underground, natural or artificial, public or private, which are contained within, flow through, or border upon this State or any portion thereof, except that bodies of water confined to and retained within the limits of private property, and which do not develop into or constitute a nuisance, or a public health hazard, or a menace to fish or wildlife, shall not be considered to be "waters of the State." The exception for confined bodies of water does not apply to any waters which meet the definition of "waters of the United States" under 40 CFR 122.2. Waters are considered to be confined to and retained within the limits of private property only if there is no discharge or seepage to either surface water or groundwater. Waters of the State includes "wetlands" as defined in the Federal Clean Water Act.

(61) "Wetlands" means those areas that are inundated or saturated by surface or groundwater at a frequency and duration sufficient to support, and that under normal circumstance do support, a prevalence of vegetation typically adapted for life in saturated soil conditions. Wetlands generally include swamps, marshes, bogs, and similar areas.

(62) "Whole effluent toxicity" means the aggregate toxic effect of an effluent as measured directly by a toxicity test.

(63) "Utah Pollutant Discharge Elimination System (UPDES)" means the State-wide program for issuing, modifying, revoking and reissuing, terminating, monitoring and enforcing permits, and imposing and enforcing pretreatment requirements under the Utah Water Quality Act.

1.6 DEFINITIONS APPLICABLE TO STORM-WATER DISCHARGES.

(1) "Co-Permittee" means a permittee to a UPDES permit that is only responsible for permit conditions relating to the discharge for which it is operator.

(2) "Illicit discharge" means any discharge to a municipal separate storm sewer that is not composed entirely of storm water except discharges pursuant to a UPDES permit (other than the UPDES permit for discharges from the municipal separate storm sewer) and discharges resulting from fire fighting activities.

(3) "Incorporated place" means a city or town that is incorporated under the laws of Utah.

(4) "Large municipal separate storm sewer system" means all municipal separate storm sewers that are:

(a) Located in an incorporated place with a population of 250,000 or more as determined by the 1990 Decennial Census by the Bureau of Census; or

(b) Located in counties with unincorporated urbanized areas with a population of 250,000 or more according to the 1990 Decennial Census by the Bureau of Census, except municipal separate storm sewers that are located in the incorporated places, townships or towns within the County; or

(c) Owned or operated by a municipality other than those described in R317-8-1.6(4)(a) or (b) and that are designated by the Executive Secretary as part of a large or medium municipal separate storm sewer system. See R317-8-3.9(6)(a) for provisions regarding this definition.

(5) "Major municipal separate storm sewer outfall" (or "major outfall") means a municipal separate storm sewer outfall that discharges from a single pipe with an inside diameter of 36 inches or more or its equivalent (discharge from a single conveyance other than circular pipe which is associated with a drainage area of more than 50 acres); or for municipal separate storm sewers that receive storm water from lands zoned for industrial activity (based on comprehensive zoning plans or the equivalent), an outfall that discharges from a single pipe with an inside diameter of 12 inches or more or from its equivalent (discharge from other than a circular pipe associated with a drainage area of 2 acres or more).

(6) "Major outfall" means a major municipal separate storm sewer outfall.

(7) "Medium municipal separate storm sewer system" means all municipal separate storm sewers that are:

(a) Located in an incorporated place with a population of 100,000 or more but less than 250,000, as determined by the

1990 Decennial Census by the Bureau of Census;

(b) Located in counties with unincorporated urbanized areas with a population greater than 100,000 but less than 250,000 as determined by the 1990 Decennial Census by the Bureau of the Census; or

(c) Owned or operated by a municipality other than those described in R317-8-1.6(4)(a) and (b) and that are designated by the Executive Secretary as part of the large or medium municipal separate storm sewer system. See R317-8-3.9(6)(b) for provisions regarding this definition.

(8) "MS4" means a municipal separate storm sewer system.

(9) "Municipal separate storm sewer system" means all separate storm sewers that are defined as "large" or "medium" or "small" municipal separate storm sewer systems pursuant to paragraphs R317-8-1.6(4), (7), and (14) of this section, or designated under paragraph R317-8-3.9(1)(a)5 of this section.

(10) "Outfall" means a point source at the point where a municipal separate storm sewer discharges to waters of the State and does not include open conveyances connecting two municipal separate storm sewers, or pipes, tunnels or other conveyances which connect segments of the same stream or other waters of the State and are used to convey waters of the State.

(11) "Overburden" means any material of any nature, consolidated or unconsolidated, that overlies a mineral deposit, excluding topsoil or similar naturally occurring surface materials that are not disturbed by mining operations.

(12) "Runoff coefficient" means the fraction of total rainfall that will appear at a conveyance as runoff.

(13) "Significant materials" means, but is not limited to: raw materials; fuels; materials such as solvents, detergents, and plastic pellets; finished materials such as metallic products; raw materials used in food processing or production; hazardous substances designated under section 101(14) of CERCLA: any chemical the facility is required to report pursuant to section 313 of Title III of SARA: fertilizers; pesticides; and waste products such as ashes, slag and sludge that have the potential to be released with storm water discharges.

(14) "Small municipal separate storm sewer system" means all separate storm sewers that are:

(a) Owned or operated by the United States, State of Utah, city, town, county, district, association, or other public body (created by or pursuant to State law) having jurisdiction over disposal of sewage, industrial waste, storm water, or other wastes, including special districts under State law such as a sewer district, flood control district or drainage district, or similar entity, or a designated and approved management agency under section 208 of the CWA that discharges to waters of the State.

(b) Not defined as "large" or "medium" municipal separate storm sewer system pursuant to paragraphs R317-8-1.6(4) and (7) of this section, or designated under paragraph R317-8-3.9(1)(a)5 of this section.

(c) This term includes systems similar to separate storm sewer systems in municipalities, such as systems at military bases, large hospital or prison complexes, and highways and other thoroughfares. The term does not include separate storm sewers in very discrete areas, such as individual buildings.

(15) "Small MS4" means a small municipal separate storm sewer system.

(16) "Storm water" means storm water runoff, snow melt runoff, and surface runoff and drainage.

(17) "Storm water discharge associated with industrial activity" means the discharge from any conveyance which is directly related to manufacturing, processing or raw materials storage areas at an industrial plant. The term does not include discharges from facilities or activities excluded from the UPDES program. See R317-8-3.9(6)(c) and (d) for provisions applicable to this definition.

(18) "Uncontrolled sanitary landfill means a landfill or open dump, whether in operation or closed, that does not meet the requirements for runon or runoff controls established pursuant to subtitle D of the Solid Waste Disposal Act.

1.7 ABBREVIATIONS AND ACRONYMS. The following abbreviations and acronyms, as used throughout the UPDES regulations, shall have the meaning given below:

(1) "BAT" means best available technology economically achievable;

(2) "BCT" means best conventional pollutant control technology;

(3) "BMPs" means best management practices;

(4) "BOD" means biochemical oxygen demands;

(5) "BPT" means best practicable technology currently available;

(6) "CFR" means Code of Federal Regulations;

(7) "COD" means chemical oxygen demand;

(8) "CWA" means the Federal Clean Water Act;

(9) "DMR" means discharge monitoring report;

(10) "NPDES" means National Pollutant Discharge Elimination System;

(11) "POTW" means publicly owned treatment works;

(12) "SIC" means standard industrial classification;

(13) "TDS" means total dissolved solids;

(14) "TSS" means total suspended solids;

(15) "UPDES" means Utah Pollutant Discharge Elimination System;

(16) "UWQB" means the Utah Water Quality Board;

(17) "WET" means whole effluent toxicity.

1.8 UPGRADE AND RECLASSIFICATION. Upgrading or reclassification of waters of the State by the Utah Water Quality Board may be done periodically, but only using procedures and in a manner consistent with the requirements of State and Federal law.

1.9 PUBLIC PARTICIPATION. In addition to adjudicatory proceedings required under the State Administrative Procedures Act and proceedings otherwise outlined or referenced in these regulations, the Executive Secretary will investigate and provide written response to all citizen complaints. In addition, the Executive Secretary shall not oppose intervention in any civil or administrative proceeding by any citizen where permissive intervention may be authorized by statute, rule or regulation. The Executive Secretary will publish notice of and provide at least 30 days for public comment on any proposed settlement of any enforcement action.

1.10 INCORPORATION OF FEDERAL REGULATIONS BY REFERENCE. The State adopts the following Federal standards and procedures, effective as of December 8, 1999 unless otherwise noted, which are incorporated by reference:

(1) 40 CFR 129 (Toxic Effluent Standards) with the following exceptions:

(a) Substitute "UPDES" for all federal regulation references to "NPDES".

(b) Substitute "Executive Secretary" for all federal regulation references to "State Director".

(c) Substitute "R317-8-4.4, R317-8-6, and R317-8-7" for all federal regulation references to "40 CFR Parts 124 and 125".

(2) 40 CFR 133 (Secondary Treatment Regulation) with the following exceptions:

(a) 40 CFR 133.102 for which R317-1-3.2 is substituted.

(b) 40 CFR 133.105.

(c) Substitute "UPDES" or "Utah Pollutant Discharge Elimination System" for all federal regulation references for "NPDES" or "National Pollutant Discharge Elimination System", respectively.

(d) Substitute "Executive Secretary" for all federal regulation references to "State Director" in 40 CFR 133.103.

(3) 40 CFR 136 (Guidelines Establishing Test Procedures for the Analysis of Pollutants)

(4) 40 CFR 403.6 (National Pretreatment Standards and Categorical Standards), effective as of May 16, 2008, with the following exception:

(a) Substitute "Executive Secretary" for all federal regulation references to "Director".

(5) 40 CFR 403.7, effective as of May 16, 2008, (Removal Credits)

(6) 40 CFR 403.13, effective as of May 16, 2008, (Variances from Categorical Pretreatment Standards for Fundamentally Different Factors)

(7) 40 CFR Parts 405 through 411

(8) 40 CFR Part 412, effective as of February 12, 2003, with the following changes:

(a) Substitute "Executive Secretary" for all federal regulation references to "Director".

(b) Substitute "UPDES" for all federal regulation references to "NPDES".

(c) Substitute "Comprehensive Nutrient Management Plan" for all federal regulation references to "nutrient management plan".

(d) In 412.37(b), replace the reference 122.21(i)(1) with R317-8-3.6(2); and 122.42(e)(1)(ix) with R317-8-4.1(15)(d)1.i.

(e) In 412.37(c), replace the reference 122.42(e)(1)(ix) with R317-8-4.1(15)(d)1.i.

(9) 40 CFR Parts 413 through 471

(10) 40 CFR 503 (Standards for the Use or Disposal of Sewage Sludge), effective as of the date that responsibility for implementation of the federal Sludge Management Program is delegated to the State except as provided in R317-1-6.4, with the following changes:

(a) Substitute "Executive Secretary" for all federal regulation references to "Director".

(11) 40 CFR 122.30

(12) 40 CFR 122.32

(a) In 122.32(a)(2), replace the reference 122.26(f) with R317-8-3.9(5).

(13) 40 CFR 122.33

(a) In 122.33(b)(2)(i), replace the reference 122.21(f) with R317-8-3.1(6).

(b) In 122.33(b)(2)(i), replace the reference 122.21(f)(7) with R317-8-3.1(6)(g).

(c) In 122.33(b)(2)(ii), replace the reference 122.26(d)(1) and (2) with R317-8-3.9(3)(a) and (b)

(d) In 122.33(b)(3), replace the reference 122.26 with R317-8.

(e) In 122.33(b)(3), replace the reference 122.26(d)(1)(iii) and (iv); and (d)(2)(iv) with R317-8-3.9(3)(a)3 and 4; and (3)(b)4.

(14) 40 CFR 122.34

(a) In 122.34(a), replace the reference 122.26(d) with R317-8-3.9(3).

(b) In 122.34(b)(3)(i), replace the reference 122.26(d)(2) with R317-8-3.9(3)(b).

(c) In 122.34(b)(4)(i), replace the reference 122.26(b)(15)(i) with R317-8-3.9(6)(e)1.

(d) In 122.34(f), replace the references 122.41 through 122.49 with R317-8-4.1 through R317-8-5.4.

(e) In 122.34(g)(2), replace the reference 122.7 with R317-8-3.3.

(15) 40 CFR 122.35

(a) In 122.35, replace the reference 122 with R317-8.

(16) 40 CFR 122.36

(17) For the references R317-8-1.10(12), (13), (14), (15), and (16), make the following substitutions:

(a) "The Executive Secretary of the Water Quality Board" for the "NPDES permitting authority"

(b) "UPDES" for "NPDES"

(18) 40 CFR 122.23, effective as of February 12, 2003, with the following changes:

(a) Substitute "Executive Secretary" for all federal regulation references to "Director".

(b) Substitute "UPDES" for all federal regulation references to "NPDES".

(c) In 122.23(d)(3), replace the reference 122.21 with R317-8-3.1; and 122.28 with R317-8-2.5.

(d) In 122.23(e), replace the reference 122.42 (e)(1)(vi)-(ix) with R317-8-4.1(15)(d)1.f.-i.

(e) In 122.23(f)(2), replace the reference 122.21(f) with R317-8-3.1(6); and 122.21(i)(1)(i)-(ix) with R317-8-3.6(2)(a)-(i).

(f) In 122.23(h), replace the reference 122.21(g) with R317-8-3.1(4).

R317-8-2. Scope and Applicability.

2.1 APPLICABILITY OF THE UPDES REQUIREMENTS. The UPDES program requires permits for the discharge of pollutants from any point source into waters of the State. The program also applies to owners or operators of any treatment works treating domestic sewage, whether or not the treatment works is otherwise required to obtain a UPDES permit in accordance with R317-8-8. Prior to promulgation of State rules for sewage sludge use and disposal, the Executive Secretary shall impose interim conditions in permits issued for publicly owned treatment works or take such other measures as the Executive Secretary deems appropriate to protect public health and the environment from any adverse affects which may occur from toxic pollutants in sewage sludge.

(1) Specific inclusions. The following are examples of specific categories of point sources requiring UPDES permits for discharges. These terms are further defined in R317-8-3.5 through R317-8-8.10.

(a) Concentrated animal feeding operations;

(b) Concentrated aquatic animal production facilities;

(c) Discharges into aquaculture projects;

(d) Storm water discharges; and

(e) Silvicultural point sources.

(2) Specific exclusions. The following discharges do not require UPDES permits:

(a) Any discharge of sewage from vessels, effluent from properly functioning marine engines, laundry, shower, and galley sink wastes, or any other discharge incidental to the normal operation of a vessel. This exclusion does not apply to rubbish, trash, garbage, or other such materials discharged overboard; nor to other discharges when the vessel is operating in a capacity other than as a means of transportation such as when used as an energy or mining facility, a storage facility or a seafood processing facility, or when secured to storage facility or a seafood processing facility, or when secured in waters of the state for the purpose of mineral or oil exploration or development.

(b) Discharges of dredged or fill material into waters of the State which are regulated under Section 404 of CWA.

(c) The introduction of sewage, industrial wastes, or other pollutants into publicly owned treatment works by indirect dischargers. Plans or agreements to switch to this method of disposal in the future do not relieve dischargers of the obligation to have and comply with permits until all discharges of pollutants to waters of the State are eliminated. This exclusion does not apply to the introduction of pollutants to privately owned treatment works or to other discharges through pipes, sewers, or other conveyances owned by the State, a municipality, or other party not leading to treatment works.

(d) Any discharge in compliance with the instructions of an on-scene coordinator pursuant to 40 CFR 300 (The National Oil and Hazardous Substances Pollution Contingency Plan) or 33 CFR 153.10(e) (Pollution by Oil and Hazardous Substances).

(e) Any introduction of pollutants from non-point source agricultural and silvicultural activities, including storm water runoff from orchards, cultivated crops, pastures, rangelands, and forest lands, but not discharges from concentrated animal feeding operations as defined in 40 CFR 122.23, discharges from concentrated aquatic animal production facilities as defined in R317-8-3.7, discharges to aquaculture projects as defined in R317-8-3.8, and discharges from silvicultural point sources as defined in R317-8-3.10.

(f) Return flows from irrigated agriculture.

(g) Discharges into a privately owned treatment works, except as the Executive Secretary may otherwise require under R317-8-4.2(12).

(h) Authorizations by permit or by rule which are prepared to assure that underground injection will not endanger drinking water supplies, and which are issued under the state's Underground Injection Control program; and underground injections and disposal wells which are permitted by the Utah Water Quality Board pursuant to Part VII of the Utah Wastewater Disposal Regulations or the Board of Oil, Gas and Mining, Class II.

(i) Discharges which are not regulated by the U.S. EPA under Section 402 of the Clean Water Act.

(3) Requirements for permits on a case-by-case basis.

(a) Various sections of R317-8 allow the Executive Secretary to determine, on a case-by-case basis, that certain concentrated animal feeding operations, concentrated aquatic animal production facilities, separate storm sewers and certain other facilities covered by general permits that do not generally require an individual permit may be required to obtain an individual permit because of their contributions to water pollution.

(b) Whenever the Executive Secretary decides that an individual permit is required as specified in R317-8-2.1(3)(a), the Executive Secretary shall notify the discharger in writing of that decision and the reasons for it, and shall send an application form with the notice. The discharger shall apply for a permit within 60 days of receipt of notice, unless permission for a later date is granted by the Executive Secretary. The question whether the determination was proper will remain open for consideration during the public comment period and in any subsequent adjudicative proceeding.

(c) Prior to a case-by-case determination that an individual permit is required for a storm water discharge, the Executive Secretary may require the discharger to submit a permit application or other information regarding the discharge. In requiring such information, the Executive Secretary shall notify the discharger in writing and shall send an application form with the notice. The discharger must apply for a permit within 60 days of notice, unless permission for a later date is granted by the Executive Secretary. The question whether the determination was proper will remain open for consideration during the public comment period and in any subsequent adjudicative proceeding.

2.2 PROHIBITIONS. No permit may be issued by the Executive Secretary:

(1) When the conditions of the permit do not provide for compliance with the applicable requirements of the Utah Water Quality Act, as amended, or rules promulgated pursuant thereto;

(2) When the Regional Administrator has objected to issuance of the permit in writing under the procedures specified in 40 CFR 123.44;

(3) When the imposition of conditions cannot ensure compliance with the applicable water quality requirements of Utah and all affected states;

(4) When, in the judgment of the Secretary of the U.S. Army, acting through the Chief of Engineers, anchorage and navigation in or on any of the waters of the United States would be substantially impaired by the discharge;

(5) For the discharge of any radiological, chemical, or biological warfare agent or high-level radioactive waste;

(6) For any discharge inconsistent with a plan or plan amendment approved under Section 208(b) of CWA.

(7) To a new source or a new discharger, if the discharge from its construction or operation will cause or contribute to the violation of water quality standards. The owner or operator of a new source or new discharger proposing to discharge into a water segment which does not meet Utah water quality standards or is not expected to meet those standards even after the application of the effluent limitations required by the UPDES regulations and for which the Executive Secretary has performed a wasteload allocation for the pollutants to be discharged, must demonstrate, before the close of the public comment period, that:

(a) There are sufficient remaining wasteload allocations to allow for the discharge; and

(b) The existing dischargers into the segment are subject to schedules of compliance designed to bring the segment into compliance with Utah Water Quality Standards. (See R317-2.)

2.3 VARIANCE REQUESTS BY NON-POTW'S. A discharger which is not a publicly owned treatment works (POTW) may request a variance from otherwise applicable effluent limitations under any of the following statutory or regulatory provisions within the time period specified in this section:

(1) Fundamentally different factors.

(a) A request for a variance based on the presence of "fundamentally different factors" from those on which the effluent limitations guideline was based shall be filed as follows:

1. For a request for a variance from best practicable control technology currently available (BPT) by the close of the public comment period under R317-8-6.5.

2. For a request for a variance from best available technology economically achievable (BAT) and/or best conventional pollutant control technology (BCT) by no later than:

a. July 3, 1989, for a request on an effluent limitation guideline promulgated before February 4, 1987, to the extent July 3, 1989 is not later than that provided under previously promulgated regulations: or

b. 180 days after the date on which an effluent limitation guideline is published in the Federal Register for a request based on an effluent limitation guideline promulgated on or after February 4, 1987.

3. Requests should be filed with the Executive Secretary. A request filed with EPA shall be considered to be a request filed under the UPDES program.

(b) The request shall explain how the requirements of the applicable regulatory and statutory criteria have been met.

(2) Non-conventional pollutants. A request for a variance from the BAT requirements for CWA section 301(b)(2)(F) pollutants (commonly called "non-conventional" pollutants) pursuant to Section 301(c) of CWA because of the economic capability of the owner or operator, or pursuant to section 301(g) of the CWA (provided, however, that 301(g) variance may only be requested for ammonia; chlorine; color; iron; total phenols (4AAP) (when determined by the Executive Secretary to be a pollutant covered by section 301(b)(2)(F)) and any other pollutant listed by the Administrator under Section 301((g)(4) of the CWA) must be filed as follows:

(a) For those requests for a variance from an effluent limitation based upon an effluent limitation guideline by:

1. Filing an initial request with the Executive Secretary stating the name of the discharger, the permit number, the outfall number(s), the applicable effluent guideline, and the nature of the modification being requested. This request must have been filed not later than:

a. September 25, 1978, for a pollutant which is controlled by a BAT effluent limitation guideline promulgated before December 27, 1977: or

b. 270 days after promulgation of an applicable effluent limitation guideline for guidelines promulgated after December 27, 1977: and

2. Submitting a completed request no later than the close of the public comment period under R317-8-6.5 demonstrating that the requirements of R317-8-6.8 and the applicable requirements of R317-8-8.8 have been met. Notwithstanding this provision, the complete application for a request shall be filed 180 days before the Executive Secretary must make a decision (unless the Executive Secretary establishes a shorter or longer period). For those requests for a variance from effluent limitations not based on effluent limitation guidelines, the request need only comply with R317-8-2.3(2)(a)(2) and need not be preceded by an initial request under R317-8-2.3(2)(a)(2).

3. Requests should be filed with the Executive Secretary. A request filed with EPA shall be considered to be a request filed under the UPDES program.

(3) Delay in construction of POTW. An extension of the Federal statutory deadlines based on delay in completion of a POTW into which the source is to discharge must have been requested on or before June 26, 1978 or 180 days after the relevant POTW requested an extension under R317-8-2.7, whichever is later, but in no event may this date have been later than January 30, 1988. The request shall explain how the requirements of 40 CFR Part 125, Subpart J have been met.

(4) Innovative technology. An extension from the Federal statutory deadline for best available technology, or for best conventional pollutant control technology, based on the use of innovative technology may be requested no later than the close of the public comment period under Section R317-8-6.5 for the discharger's initial permit requiring compliance with best available technology or best conventional pollutant control technology. The request shall demonstrate that the requirements of Section R317-8-6.8 and 8-5.6 have been met.

(5) Thermal discharges. A variance for the thermal component of any discharge must be filed with a timely application for a permit under R317-8-3 except that if thermal effluent limitations are established by EPA or are based on water quality standards the request for a variance may be filed by the close of the public comment period under R317-8-6.5.

(6) Water Quality Related Effluent Limitations. A modification of requirements for achieving water quality-related effluent limitations may be requested no later than the close of the public comment period under R317-8-6.5 on the permit from which the modification is sought.

2.4 EXPEDITED VARIANCE PROCEDURES AND TIME EXTENSIONS. Notwithstanding the time requirements in R317-8-2.3, the Executive Secretary may notify a permit applicant before a draft permit is issued under R317-8-6.3 that the draft permit will likely contain limitations which are eligible for variances.

(1) In the notice the Executive Secretary may require that the applicant, as a condition of consideration of any potential variance request, submit a request explaining how the requirements of R317-8-7 applicable to the variance have been met. The Executive Secretary may require the submittal within a specified reasonable time after receipt of the notice. The notice may be sent before the permit application has been submitted. The draft or final permit may contain the alternative limitations which may become effective upon final grant of the variance.

(2) A discharger who cannot file a timely complete request required under R317-8-2.3(2) may request an extension. The extension may be granted or denied at the discretion of the Executive Secretary. Extensions will be no more than six months in duration.

2.5 GENERAL PERMITS

(1) Coverage. The Executive Secretary may issue a general permit in accordance with the following:

(a) Area. The general permit will be written to cover a category of discharges or sludge use or disposal practices or facilities described in the permit under paragraph (b) of this subsection, except those covered by individual permits, within a geographic area. The area will correspond to existing geographic or political boundaries, such as:

1. Designated planning areas under Sections 208 and 303 of CWA;

2. City, county, or state political boundaries;

3. State highway systems;

4. Standard metropolitan statistical areas as defined by the U.S. Office of Management and Budget;

5. Urbanized areas as designated by the U.S. Bureau of the Census, consistent with the U.S. Office of Management and Budget;

6. Any other appropriate division or combination of boundaries as determined by the Executive Secretary.

(b) Sources. The general permit will be written to regulate, within the area described in R317-8-2.5(a), either;

1. Storm water point sources; or

2. A category of point sources other than storm water point sources, or a category of treatment works, treating domestic sewage, if the sources or treatment works treating domestic sewage all:

a. Involve the same or substantially similar types of operations;

b. Discharge the same types of wastes or engage in the same types of sludge use or disposal practices.

c. Require the same effluent limitations, operating conditions, or standards for sludge use or disposal;

d. Require the same or similar monitoring; and

e. In the opinion of the Executive Secretary, are more appropriately controlled under a general permit than under individual permits.

(2) Administration.

(a) General permits may be issued, modified, revoked and reissued, or terminated in accordance with applicable requirements of R317-8-6.

(b) Authorization to discharge, or authorization to engage in sludge use and disposal practices.

1. Except as provided in paragraphs (2)(b)5. and (2)(b)6. of this section, discharges (or treatment works treating domestic sewage) seeking coverage under a general permit shall submit to the Executive Secretary a written notice of intent to be covered by the general permit. A discharger (or treatment works treating domestic sewage) who fails to submit a notice of intent in accordance with the terms of the permit is not authorized to discharge, (or in the case of sludge use or disposal practice), under the terms of the general permit unless the general permit, in accordance with paragraph (2)(b)5. of this section, contains a provision that a notice of intent is not required or the Executive Secretary notifies a discharger (or treatment works treating domestic sewage) that it is covered by a general permit in accordance with paragraph (2)(b)6. of this section. A complete and timely, notice of intent (NOI), to be covered in accordance with general permit requirements, fulfills the requirements for permit applications for purposes of R-317-8-3.

2. The contents of the notice of intent shall be specified in the general permit and shall require the submission of information necessary for adequate program implementation, including at a minimum, the legal name and address of the owner or operator, the facility name and address, type of facility of discharges, and the receiving stream(s). General permits for storm water discharges associated with industrial activity from inactive mining, inactive oil and gas operations, or inactive landfill occurring on Federal lands where an operator cannot be

identified may contain alternative notice of intent requirements. Notices of intent for coverage under a general permit for concentrated animal feeding operations must include the information specified in R317-8-3.6(2), including a topographic map. All notices of intent shall be signed in accordance with R317-8-3.3.

3. General permits shall specify the deadlines for submitting notices of intent to be covered and the date(s) when a discharger is authorized to discharge under the permit;

4. General permits shall specify whether a discharger (or treatment works treating domestic sewage) that has submitted a complete and timely notice of intent to be covered in accordance with the general permit and that is eligible for coverage under the permit, is authorized to discharge, (or in the case of a sludge disposal permit, to engage in a sludge use for disposal practice), in accordance with the permit either upon receipt of the notice of intent by the Executive Secretary, after a waiting period specified in the general permit, on a date specified in the general permit, or upon receipt of notification of inclusion by the Executive Secretary. Coverage may be terminated or revoked in accordance with paragraph (2)(c) of this section.

5. Discharges other than discharges from publicly owned treatment works, combined sewer overflows, municipal separate storm sewer systems, primary industrial facilities, and storm water discharges associated with industrial activity, may, at the discretion of the Executive Secretary, be authorized to discharge under a general permit without submitting a notice of intent where the Executive Secretary finds that a notice of intent requirement would be inappropriate. In making such a finding, the Executive Secretary shall consider: the type of discharge; the potential for toxic and conventional pollutants in the discharges; the expected volume of the discharges covered by the permit; and the estimated number of discharges to be covered by the permit. The Executive Secretary shall provide in the public notice of the general permit the reasons for not requiring a notice of intent.

6. The Executive Secretary may notify a discharger (or treatment works treating domestic sewage) that it is covered by a general permit, even if the discharger (or treatment works treating domestic sewage) has not submitted a notice of intent to be covered. A discharger (or treatment works treating domestic sewage) so notified may request an individual permit under paragraph R317-8-2.5(2)(c).

(c) Requiring an individual permit.

1. The Executive Secretary may require any person authorized by a general permit to apply for and obtain an individual UPDES permit. Any interested person may petition the Executive Secretary to take action under R317-8-2.4. Cases where an individual UPDES permit may be required include the following:

a. The discharge(s) is a significant contributor of pollutants. In making this determination, the Executive Secretary may consider the following factors:

i. The location of the discharge with respect to waters of the State;

ii. The size of the discharge;

iii. The quantity and nature of the pollutants discharged to waters of the State; and

iv. Other relevant factors;

b. The discharger or treatment works treating domestic sewage is not in compliance with the conditions of the general UPDES permit;

c. A change has occurred in the availability of demonstrated technology or practices for the control or abatement of pollutants applicable to the point source or treatment works treating domestic sewage;

d. Effluent limitation guidelines are promulgated for point sources covered by the general UPDES permit;

e. A Utah Water Quality Management Plan containing requirements applicable to such point sources is approved;

f. Standards for sewage sludge use or disposal have been promulgated for the sludge use and disposal practices covered by the general UPDES permit; or

2. Any owner or operator authorized by a general permit may request to be excluded from the coverage of the general permit by applying for an individual permit. The owner or operator shall submit an application under R317-8-3.1 to the Executive Secretary with reasons supporting the request. The request shall be submitted no later than ninety (90) days after the notice by the Executive Secretary in accordance with R317-8-6.5. If the reasons cited by the owner or operator are adequate to support the request, the Executive Secretary may issue an individual permit.

3. When an individual UPDES permit is issued to an owner or operator otherwise subject to a general UPDES permit, the applicability of the general permit to the individual UPDES permittee is automatically terminated on the effective date of the individual permit.

4. A source excluded from a general permit solely because he already has an individual permit may request that the individual permit be revoked. The permittee shall then request to be covered by the general permit. Upon revocation of the individual permit, the general permit shall apply to the source.

2.6 DISPOSAL OF POLLUTANTS INTO WELLS, INTO POTWS OR BY LAND APPLICATION.

(1) The Executive Secretary may issue UPDES permits to control the disposal of pollutants into wells when necessary to protect the public health and welfare, and to prevent the pollution of ground and surface waters.

(2) When part of a discharger's process wastewater is not being discharged into waters of the State (including groundwater) because it is disposed of into a well, into a POTW, or by land application, thereby reducing the flow or level of pollutants being discharged into waters of the State, applicable effluent standards and limitations for the discharge in a UPDES permit shall be adjusted to reflect the reduced raw waste resulting from such disposal. Effluent limitations and standards in the permit shall be calculated by one of the following methods:

(a) If none of the waste from a particular process is discharged into waters of the State and effluent limitations guidelines provide separate allocation for wastes from that process, all allocations for the process shall be eliminated from calculation of permit effluent limitations or standards.

(b) In all cases other than those described in R317-8-2.6(2)(a), effluent limitations shall be adjusted by multiplying the effluent limitation derived by applying effluent limitation guidelines to the total waste stream by the amount of wastewater to be treated and discharged into waters of the State and dividing the result by the total wastewater flow. Effluent limitations and standards so calculated may be further adjusted under R317-8-7.3 to make them more or less stringent if discharges to wells, publicly owned treatment works, or by land application change the character or treatability of the pollutants being discharged to receiving waters.

This method may be algebraically expressed as: $P=E \times N/T$

Where P is the permit effluent limitation, E is the limitation derived by applying effluent guidelines to the total waste stream, N is the wastewater flow to be treated and discharged to waters of the State and T is the total wastewater flow.

(3) R317-8-2.6(2) shall not apply to the extent that promulgated effluent limitations guidelines:

(a) Control concentrations of pollutants discharged but not mass; or

(b) Specify a different specific technique for adjusting effluent limitations to account for well injection, land application, or disposal into POTWs.

(4) R317-8-2.6(2) does not alter a dischargers obligation to meet any more stringent requirements established under R317-8-4.

2.7 VARIANCE REQUESTS BY POTWS. A discharger which is a publicly owned treatment works (POTW) may request a variance from otherwise applicable effluent limitations under the following provision:

(1) Water Quality Based Effluent Limitation. A permit modification of the requirements for achieving water quality based effluent limitations shall be requested no later than the close of the public comment period under R317-8-6.5 on the permit for which the modification is sought.

(2) Delay in construction. An extension of a Federal statutory deadline based on delay in the construction of the POTW must have been requested on or before August 3, 1987.

2.8 DECISION ON VARIANCES

(1) The Executive Secretary may deny or forward to the Administrator (or his delegate) with a written concurrence, a completed request for:

(a) Extensions under CWA section 301(i) based on delay in completion of a publicly owned treatment works;

(b) After consultation with the Regional Administrator, extensions based on the use of innovative technology; or

(c) Variances under R317-8-2.3(4) for thermal pollution.

(2) The Executive Secretary may deny or forward to the Regional Administrator with a written concurrence, or submit to EPA without recommendation a completed request for:

(a) A variance based on the presence of "fundamentally different factors" from those on which an effluent limitations guideline was based;

(b) A variance based on the economic capability of the applicant;

(c) A variance based upon certain water quality factors (See CWA section 301(g)); or

(d) A variance based on water quality related effluent limitations.

(e) Except for information required by R317-8-3.1(4)(c) which shall be retained for a period of at least five years from the date the application is signed, applicants shall keep records of all data used to complete permit applications and any supplemental information for a period of at least three years from the date the application is signed.

R317-8-3. Application Requirements.

3.1 APPLYING FOR A UPDES PERMIT

(1) Application requirements

(a) Any person who is required to have a permit, including new applicants and permittees with expiring permits shall complete, sign, and submit an application to the Executive Secretary as described in this regulation and R317-8-2 Scope and Applicability. On the date of UPDES program approval by EPA, all persons permitted or authorized under NPDES shall be deemed to hold a UPDES permit, including those expired permits which EPA has continued in effect according to 40 CFR 122.6. For the purpose of this section the Executive Secretary will accept the information required under R317-8-3.5 for existing facilities, which has been submitted to EPA as part of a NPDES renewal. The applicant may be requested to update any information which is not current.

(b) Any person who (1) discharges or proposes to discharge pollutants and (2) owns or operates a sludge-only facility and does not have an effective permit, shall submit a complete application to the Executive Secretary in accordance with this section and R317-8-6. A complete application shall include a BMP program, if necessary, under R317-8-4.2(10). The following are exceptions to the application requirements:

1. Persons covered by general permits under R317-8-4.2(10);

2. Discharges excluded under R317-8-2.1(2);

3. Users of a privately owned treatment works unless the Executive Secretary requires otherwise under R317-8-4.2(12).

(2) Time to apply. Any person proposing a new discharge shall submit an application at least 180 days before the date on which the discharge is to commence, unless permission for a later date has been granted by the Executive Secretary. Facilities proposing a new discharge of storm water associated with industrial activity shall submit an application 180 days before that facility commences industrial activity which may result in a discharge of storm water associated with that industrial activity. Facilities described under R317-8-3.9(6)11 shall submit applications at least 90 days before the date on which construction is to commence. Different submittal dates may be required under the terms of applicable general permits. Persons proposing a new discharge are encouraged to submit their applications well in advance of the 90 or 180 day requirements to avoid delay. See also R317-8-3.2 and R317-8-3.9(2)1.g. and 2.

(3) Who Applies. When a facility or activity is owned by one (1) person but is operated by another person, it is the operator's duty to obtain a permit.

(4) Duty to reapply.

(a) Any POTW with a currently effective permit shall submit a new application at least 180 days before the expiration date of the existing permit, unless permission for a later date has been granted by the Executive Secretary. The Executive Secretary shall not grant permission for applications to be submitted later than the expiration date of the existing permit.

(b) All other permittees with currently effective permits shall submit a new application 180 days before the existing permit expires, except that:

1. The Executive Secretary may grant permission to submit an application later than the deadline for submission otherwise applicable, but no later than the permit expiration date; and

2. The Executive Secretary may grant permission to submit the information required by R317-8-3.5(7), (9) and (10) after the permit expiration date.

(c) All applicants for permits, other than POTWs, new sources, and sludge-only facilities must complete EPA Forms 1 and either 2B or 2C or 2F or equivalent State forms as directed by the Executive Secretary to apply under R317-8-3. Forms may be obtained from the Executive Secretary. In addition to any other applicable requirements in this section, all POTWs and other treatment works treating domestic sewage, including sludge-only facilities, must submit with their applications the information listed at 40 CFR 501.15(a)(2) within the time frames established in R317-8-3.1(7)(a) and (b).

(d) Continuation of expiring permits. The conditions of an expired permit continue in force until the effective date of a new permit if:

1. The permittee has submitted a timely application under subsection (2) of this section which is a complete application for a new permit; and

2. The Executive Secretary, through no fault of the permittee, does not issue a new permit with an effective date under R317-8-6.11 on or before the expiration date of the previous permit.

3. Effect Permits continued under this paragraph remain fully effective and enforceable until the effective date of a new permit.

4. Enforcement. When the permittee is not in compliance with the conditions of the expiring or expired permit the Executive Secretary may choose to do any or all of the following:

a. Initiate enforcement action based upon the permit which has been continued;

b. Issue a notice of intent to deny the new permit under R317-8-6.3(2);

c. Issue a new permit under R317-8-6 with appropriate conditions; or

d. Take other actions authorized by the UPDES regulations.

(5) Completeness. The Executive Secretary will not issue a UPDES permit before receiving a complete application for a permit except for UPDES General Permits. A permit application is complete when the Executive Secretary receives an application form with any supplemental information which is completed to his or her satisfaction.

(6) Information requirements. All applicants for UPDES permits shall provide the following information to the Executive Secretary, using the application form provided by the Executive Secretary.

(a) The activities being conducted which require the applicant to obtain UPDES permit.

(b) Name, mailing address, and location of the facility for which the application is submitted.

(c) From one (1) to four (4) SIC codes which best reflect the principal products or services provided by the facility.

(d) The operators name, address, telephone number, ownership status, and status as to Federal, State, private, public, or other entity.

(e) Whether the facility is located on Indian lands.

(f) A listing of all other relevant environmental permits, or construction approvals issued by the Executive Secretary or other state or federal permits.

(g) A topographic map, or other map if a topographic map is unavailable, extending one (1) mile beyond the property boundaries of the source, depicting the facility and each of its intake and discharge structures, each of its hazardous waste treatment, storage, or disposal facilities; each well where fluids from the facility are injected underground and those wells, springs, other surface water bodies, and drinking water wells listed in public records or otherwise known to the applicant in the map area.

(h) A brief description of the nature of the business.

(i) Additional information may also be required of new sources, new dischargers and major facilities to determine any significant adverse environmental effects of the discharge pursuant to new source regulations promulgated by the Executive Secretary.

(7) Permits Under Section 19-5-107 of the Utah Water Quality Act.

(a) POTWs with currently effective UPDES permits shall submit the application information required by R317-8-3.1(4)(c) with the next application submitted in accordance with R317-8-3.1(4) of this section or within 120 days after promulgation of a standard for sewage sludge use or disposal applicable to the POTW's sludge use or disposal practice(s), whichever occurs first.

(b) Any other existing treatment works treating domestic sewage not covered in R317-8-3.1(7)(a) shall submit an application to the Executive Secretary within 120 days after promulgation of a standard for sewage sludge use or disposal applicable to its sludge use or disposal practice(s) or upon request of the Executive Secretary prior to the promulgation of an applicable standard for sewage sludge use or disposal if the Executive Secretary determines that a permit is necessary to protect to public health and the environment from any potential adverse effects that may occur from toxic pollutants in sewage sludge.

(c) Any treatment works treating domestic sewage that commences operations after promulgation of an applicable standard for sewage sludge use or disposal shall submit an application to the Executive Secretary at least 180 days prior to the date proposed for commencing operations.

(8) Recordkeeping. Except for information required by R317-8-3.1(7)(c) which shall be retained for a period of at least five years from the date the application is signed or longer as required by the Executive Secretary, applicants shall keep records of all data used to complete permit applications and any supplemental information submitted under this regulation for a period of at least three (3) years from the date the application is signed.

(9) Service of process. Every applicant and permittee shall provide the Executive Secretary an address for receipt of any legal paper for service of process. The last address provided to the Executive Secretary pursuant to this provision shall be the address at which the Executive Secretary may tender any legal notice, including but not limited to service of process in connection with any enforcement action. Service, whether by bond or by mail, shall be complete upon tender of the notice, process or order and shall not be deemed incomplete because of refusal to accept or if the addressee is not found.

(10) Application Forms. The State will use EPA-developed NPDES application forms or State equivalents in administering the UPDES program.

3.2 APPLICATION REQUIREMENTS FOR NEW SOURCES AND NEW DISCHARGES. New manufacturing, commercial, mining and silvicultural dischargers applying for UPDES permits (except for new discharges of facilities subject to the requirements of R317-8-3.5 or new discharges of storm water associated with industrial activity which are subject to R317-8-3.9(2)(a) except as provided by R317-8-3.9(2)(a)2, shall provide the following information to the Executive Secretary, using application forms provided by the Executive Secretary:

(1) Expected outfall location. The latitude and longitude to the nearest 15 seconds and the name of the receiving water.

(2) Discharge dates. The expected date of commencement of discharge.

(3) Flows, Sources of Pollution and Treatment Technologies

(a) Expected treatment of wastewater. Description of the treatment that the wastewater will receive, along with all operations contributing wastewater to the effluent, average flow contributed by each operation, and the ultimate disposal of any solid or liquid wastes not discharged.

(b) Line drawing. A line drawing of the water flow through the facility with a water balance as described in R317-8-3.5(2).

(c) Intermittent Flows. If any of the expected discharges will be intermittent or seasonal, a description of the frequency, duration and maximum daily flow rate of each discharge occurrence (except for storm water runoff, spillage, or leaks).

(4) Production. If a new source performance standard or an effluent limitation guideline applies to the applicant and is expressed in terms of production (or other measure of operation), a reasonable measure of the applicant's expected actual production reported in the units used in the applicable effluent guideline or new source performance standard as required by R317-8-4.3(2)(b) for each of the first three years. Alternative estimates may also be submitted if production is likely to vary.

(5) Effluent Characteristics. The requirements in R317-8-3.5(7) that an applicant must provide estimates of certain pollutants expected to be present do not apply to pollutants present in a discharge solely as a result of their presence in intake water; however, an applicant must report such pollutants as present. Net credits may be provided for the presence of pollutants in intake water if the requirements of R317-8-4.3(7) are met. All levels (except for discharge flow, temperature and pH) must be estimated as concentration and as total mass.

(a) Each applicant must report estimated daily maximum, daily average and source of information for each outfall for the following pollutants or parameters. The Executive Secretary may waive the reporting requirements for any of these pollutants

and parameters if the applicant submits a request for such a waiver before or with his application which demonstrates that information adequate to support issuance of the permit can be obtained through less stringent reporting requirements.

1. Biochemical Oxygen Demand (BOD).
2. Chemical Oxygen Demand (COD).
3. Total Organic Carbon (TOC).
4. Total Suspended Solids (TSS).
5. Flow.
6. Ammonia (as N).
7. Temperature (winter and summer).
8. pH.

(b) Each applicant must report estimated daily maximum, daily average, and source of information for each outfall for the following pollutants, if the applicant knows or has reason to believe they will be present or if they are limited by an effluent limitation guideline or new source performance standard either directly or indirectly through limitations on an indicator pollutant: all pollutants in Table IV, R317-8-3.12(4) (certain conventional and nonconventional pollutants).

(c) Each applicant must report estimated daily maximum, daily average and source of information for the following pollutants if he knows or has reason to believe that they will be present in the discharges from any outfall:

1. The pollutants listed in Table III, R317-8-3.12(3) (the toxic metals, in the discharge from any outfall: Total cyanide, and total phenols);

2. The organic toxic pollutants in R317-8-3.12(2) (except bis (chloromethyl) ether, dichlorofluoromethane and trichlorofluoromethane). This requirement is waived for applicants with expected gross sales of less than $100,000 per year for the next three years, and for coal mines with expected average production of less than 100,000 tons of coal per year.

(d) The applicant is required to report that 2,3,7,8 Tetrachlorodibenzo-P-Dioxin (TCDD) may be discharged if he uses or manufactures one of the following compounds, or if he knows or has reason to believe that TCDD will or may be present in an effluent:

1. 2,4,5-trichlorophenoxy acetic acid (2,4,5-T) (CAS #93-76-5);

2. 2-(2,4,5-trichlorophenoxy) propanic acid (Silvex, 2,4,5-TP) (CAS #93-72-1);

3. 2-(2,4,5-trichlorophenoxy) ethyl 2,2-dichloropropionate (Erbon) (CAS #136-25-4);)

4. 0,0-dimethyl 0-(2,4,5-trichlorophenyl) phosphorothioate (Ronnel) (CAS #299-84-3);

5. 2,4,5-trichlorophenol (TCP) (CAS #95-95-4); or

6. Hexachlorophene (HCP) (CAS #70-80-4);

(e) Each applicant must report any pollutants listed in Table V, R317-8-3.12(5) (certain hazardous substances) if he believes they will be present in any outfall (no quantitative estimates are required unless they are already available).

(f) No later than two years after the commencement of discharge from the proposed facility, the applicant is required to complete and submit Items V and VI of NPDES application Form 2c (see R317-8-3.5). However, the applicant need not complete those portions of Item V requiring tests which he has already performed and reported under the discharge monitoring requirements of his UPDES permit.

(6) Engineering Report. Each applicant must report the existence of any technical evaluation concerning his wastewater treatment, along with the name and location of similar plants of which he has knowledge.

(7) Other information. Any optional information the permittee wishes to have considered.

(8) Certification. Signature of certifying official under R317-8-3.4.

3.3 CONFIDENTIALITY OF INFORMATION

(1) Any information submitted to the Executive Secretary pursuant to the UPDES regulations may be claimed as confidential by the person submitting the information. Any such claim must be asserted at the time of submission in the manner prescribed on the application form or instructions or, in the case of other submissions, by stamping the words "confidential business information" on each page containing such information. If no claim is made at the time of submission, the Executive Secretary may make the information available to the public without further notice. If a claim is asserted, it will be treated according to the standards of 40 CFR Part 2.

(2) Information which includes effluent data and records required by UPDES application forms provided by the Executive Secretary under R317-8-3.1 may not be claimed as confidential.

(3) Information contained in UPDES permits may not be claimed as confidential.

3.4 SIGNATORIES TO PERMIT APPLICATIONS AND REPORTS

(1) Applications. All permit applications shall be signed as follows:

(a) For a corporation: by a responsible corporate officer. For the purpose of this section, a responsible corporate officer means: (i) A president, secretary, treasurer, or vice-president of the corporation in charge of a principal business function, or any other person who performs similar policy or decision-making functions for the corporation, or (ii) the manager of one or more manufacturing, production, or operating facilities employing more than 250 persons or having gross annual sales or expenditures exceeding $25 million (in second-quarter 1980 dollars), if authority to sign documents has been assigned or delegated to the manager in accordance with corporate procedures.

(b) For a partnership or sole proprietorship: by a general partner or the proprietor, respectively; or

(c) For a municipality, State, Federal, or other public agency: By either a principal executive officer or ranking elected official. For purposes of this section, a principal executive officer of a Federal agency includes: (i) The chief executive officer having responsibility for the overall operations of a principal geographic unit of the agency.

(2) Reports. All reports required by permits and other information requested by the Executive Secretary under R317-8-3.9(3) shall be signed by a person described in subsection (1), or by a duly authorized representative of that person. A person is a duly authorized representative only if:

(a) The authorization is made in writing by a person described in subsection (1) of this section:

(b) The authorization specifies either an individual or a position having responsibility for the overall operation of the regulated facility or activity such as the position of plant manager, operator of a well or a well field, superintendent, position of equivalent responsibility, or an individual or position having overall responsibility for environmental matters for the company; and

(c) The written authorization is submitted to the Executive Secretary.

(3) Changes to authorization. If an authorization under subsection (2) of this section is no longer accurate because a different individual or position has responsibility for the overall operation of the facility, a new authorization satisfying the requirements of subsection (2) of this section must be submitted to the Executive Secretary prior to or together with any reports, information, or applications to be signed by an authorized representative.

(4) Certification. Any person signing a document under this section shall make the following certification:

"I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified

personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations."

(5) Discharge Monitoring Reports and related information may be signed and submitted electronically to the EPA's NetDMR program, if a Subscriber Agreement is in place. See Utah Admin. Code R317-1-9.

3.5 APPLICATION REQUIREMENTS FOR EXISTING MANUFACTURING, COMMERCIAL, MINING, AND SILVICULTURAL DISCHARGERS

Existing manufacturing, commercial, mining, and silvicultural dischargers applying for UPDES permits shall provide the following information to the Executive Secretary, using application forms provided by the Executive Secretary:

(1) Outfall location. The latitude and longitude to the nearest fifteen (15) seconds and the name of the receiving water.

(2) Line drawing. A line drawing of the water flow through the facility with a water balance, showing operations contributing wastewater to the effluent and treatment units. Similar processes, operations, or production areas may be indicated as a single unit, labeled to correspond to the more detailed identification under R317-8-3.5. The water balance shall show approximate average flows at intake and discharge points and between units, including treatment units. If a water balance cannot be determined, the applicant may provide a pictorial description of the nature and amount of any sources of water and any collection and treatment measures.

(3) Average flows and treatment. A narrative identification of each type of process, operation, or production area which contributes wastewater to the effluent for each outfall, including process wastewater, cooling water; and storm water runoff; the average flow which each process contributes; and a description of the treatment the wastewater receives, including the ultimate disposal of any solid or fluid wastes other than by discharge. Processes, operations or production areas may be described in general terms, (for example, "dye-making reactor," "distillation tower.") For a privately owned treatment works, this information shall include the identity of each user of the treatment works. The average flow of point sources composed of storm water may be estimated. The basis for the rainfall event and the method of estimation must be indicated.

(4) Intermittent flows. If any of the discharges described in R317-8-3.5(3) are intermittent or seasonal, a description of the frequency, duration and flow rate of each discharge occurrence, except for storm water runoff, spillage, or leaks.

(5) Maximum production levels. If an EPA effluent guideline applies to the applicant and is expressed in terms of production or other measure of operation, a reasonable measure of the applicant's actual production reported in the units used in the applicable effluent guideline. The reported measure shall reflect the actual production of the facility as required by R317-8-4.3(2).

(6) Improvements. If the applicant is subject to any present requirements or compliance schedules for construction, upgrading or operation of waste treatment equipment, an identification of the abatement requirement, a description of the abatement project, and a listing of the required and projected final compliance dates.

(7) Effluent characteristics. Information on the discharge of pollutants specified in this subsection shall be provided, except information on storm water discharges which is to be provided as specified in R317-8-3.9. When quantitative data for a pollutant are required, the applicant must collect a sample of effluent and analyze it for the pollutant in accordance with analytical methods approved under 40 CFR 136. When no particular analytical method is required the applicant may use any suitable method but must provide a description of the method. The Executive Secretary may allow the applicant to test only one outfall and report that the quantitative data also applies to the substantially identical outfalls. The requirements in paragraphs (c) and (d) of this subsection that an applicant shall provide quantitative data for certain pollutants known or believed to be present do not apply to pollutants present in a discharge solely as the result of their presence in intake water; however, an applicant shall report such pollutants as present. Grab samples must be used for pH, temperature, cyanide, total phenols, residual chlorine,, oil and grease, and or E. coli. For all other pollutants, twenty-four (24)-hour composite samples must be used. However, a minimum of one grab sample may be taken for effluents from holding ponds or other impoundments with a retention period greater than 24 hours. In addition, the Executive Secretary may waive composite sampling for any outfall for which the applicant demonstrates that the use of an automatic sampler is infeasible and that the minimum of four (4) grab samples will be a representative sample of the effluent being discharged. For storm water discharges, all samples shall be collected from the discharge resulting from a storm event that is greater than 0.1 inch and at least 72 hours from the previously measurable (greater than 0.1 inch rainfall) storm event. Where feasible, the variance in the duration of the event and the total rainfall of the event should not exceed 50 percent from the average or median rainfall event in that area. For all applicants, a flow-weighted composite shall be taken for either the entire discharge or for the first three hours of the discharge. The flow-weighted composite sample for a storm water discharge may be taken with a continuous sampler or as a combination of a minimum of three sample aliquots taken in each hour of discharge for the entire discharge or for the first three hours of the discharge, with each aliquot being separated by a minimum period of fifteen minutes (applicants submitting permit applications for storm water discharges under R317-8-3.9(3) may collect flow weighted composite samples using different protocols with respect to the time duration between the collection of sample aliquots, subject to the approval of the Executive Secretary). However, a minimum of one grab sample may be taken for storm water discharges from holding ponds or other impoundments with a retention period greater than 24 hours. For a flow-weighted composite sample, only one analysis of the composite of aliquots is required. For storm water discharge samples taken from discharges associated with industrial activities, quantitative data must be reported for the grab sample taken during the first thirty minutes (or as soon thereafter as practicable) of the discharge for all pollutants specified in R317-8-3.9(2)(a). For all storm water permit applicants taking flow-weighted composites, quantitative data must be reported for all pollutants specified in R317-8-3.9 except pH, temperature, cyanide, total phenols, residual chlorine, oil and grease, or E. coli, and fecal streptococcus. The Executive Secretary may allow or establish appropriate site-specific sampling procedures or requirements, including sampling locations, the season in which the sampling takes place, the minimum duration between the previous measurable storm event and the storm event sampled, the minimum or maximum level of precipitation required for an appropriate storm event, the form of precipitation sampled (snow melt or rainfall), protocols for collecting samples under 40 CFR 136, and additional time for submitting data on a case-by-case basis. An applicant is expected to know or have reason to believe that a pollutant is present in an effluent based on an evaluation of the expected use, production, or storage of the pollutant, or on any previous analyses for the pollutant.

(a) Every applicant shall report quantitative data for every outfall for the following pollutants:

1. Biochemical Oxygen Demand (BOD)
2. Chemical Oxygen Demand
3. Total Organic Carbon
4. Total Suspended Solids
5. Ammonia (as N)
6. Temperature (both winter and summer)
7. pH

(b) The Executive Secretary may waive the reporting requirements for one or more of the pollutants listed in R317-8-3.5(7)(a) if the applicant has demonstrated that the waiver is appropriate because information adequate to support issuance of a permit can be obtained with less stringent requirements.

(c) Each applicant with processes in one or more primary industry category, listed in R317-8-3.11 of this regulation, and contributing to a discharge, shall report quantitative data for the following pollutants in each outfall containing process wastewater:

1. The organic toxic pollutants in the fractions designated in Table 1 of R317-8-3.12 for the applicant's industrial category or categories unless the applicant qualifies as a small business under R317-8-3.5(8). Table II of R317-8-3.12 of this part lists the organic toxic pollutants in each fraction. The fractions result from the sample preparation required by the analytical procedure which uses gas chromatography/mass spectrometry. A determination that an applicant falls within a particular industrial category for the purposes of selecting fractions for testing is not conclusive as to the applicant's inclusion in that category for any other purposes.

2. The pollutants listed in Table III of R317-8-3.12 (the toxic metals, cyanide, and total phenols).

(d) 1. Each applicant must indicate whether it knows or has reason to believe that any of the pollutants in Table IV of R317-8-3.12 (certain conventional and nonconventional pollutants) is discharged from each outfall. If an applicable effluent limitations guideline either directly limits the pollutant or, by its express terms, indirectly limits the pollutant through limitations on an indicator, the applicant must report quantitative data. For every pollutant discharged which is not so limited in an effluent limitations guideline, the applicant must either report quantitative data or briefly describe the reasons the pollutant is expected to be discharged.

2. Each applicant must indicate whether it knows or has reason to believe that any of the pollutants listed in Table II or Table III of R317-8-3.12 (the toxic pollutants and total phenols) for which quantitative data are not otherwise required under paragraph (b) of this section, is discharged from each outfall. For every pollutant expected to be discharged in concentrations of 10 ppb or greater the applicant must report quantitative data. For acrolein, acrylonitrile, 2.4 dinitrophenol, and 2-methyl-4,6 dinitrophenol, where any of these four pollutants are expected to be discharged in concentrations of 100 ppb or greater, the applicant must report quantitative data. For every pollutant expected to be discharged in concentrations less than 10 ppb, or in the case of acrolein, acrylonitrile, 2.4 dinitrophenol, and 2-methyl-4,6 dinitrophenol, in concentration less than 100 ppb, the applicant must either submit quantitative data or briefly describe the reasons the pollutant is expected to be discharged. An applicant qualifying as a small business under R317-8-3.5(8) is not required to analyze for pollutants listed in Table II of R317-8-3.12 (the organic toxic pollutants).

(e) Each applicant shall indicate whether it knows or has reason to believe that any of the pollutants in R317-8-3.12(5) of this regulation, certain hazardous substances and asbestos are discharged from each outfall. For every pollutant expected to be discharged, the applicant shall briefly describe the reasons the pollutant is expected to be discharged, and report any quantitative data for the pollutant.

(f) Each applicant shall report qualitative data, generated using a screening procedure not calibrated with analytical standards, for 2,3,7,8-tetrachlorodibenzo-p-dioxin(TCDD) if it:

1. Uses or manufactures 2,4,5-trichlorophenoxy acetic acid (2,4,5-T); 2-(2,4,5-trichlorophenoxy) propanoic acid (Silvex, 2,4,5-TP); 2-(2.4.5-trichlorophenoxy) ethyl 2,2-dichloropropionate (Erbon); O,O-dimethyl O-(2,4,5-trichlorophenyl) phosphorothioate (Ronnel); 2,4,5-trichlorophenol (TCP); or hexachlorophene (HCP); or

2. Knows or has reason to believe that TCDD is or may be present in an effluent.

(8) Small business exemption. An applicant which qualifies as a small business under one of the following criteria is exempt from the requirements in R317-8-3.5(7)(c) and (d) to submit quantitative data for the pollutants listed in R317-8-3.12(2), organic toxic pollutants:

(a) For coal mines, a probable total annual production of less than 100,000 tons per year.

(b) For all other applicants, gross total annual sales averaging less than $100,000 per year, in second quarter 1980 dollars.

(9) Used or manufactured toxics. The application shall include a listing of any toxic pollutant which the applicant currently uses or manufactures as an intermediate or final product or byproduct. The Executive Secretary may waive or modify this requirement for any applicant if the applicant demonstrates that it would be unduly burdensome to identify each toxic pollutant and the Executive Secretary has adequate information to issue the permit.

(10) Biological toxicity tests. The applicant shall identify any biological toxicity tests which it knows or has reason to believe have been made within the last three (3) years on any of the applicant's discharges or on a receiving water in relation to a discharge.

(11) Contract analyses. If a contract laboratory or consulting firm performed any of the analyses required by R317-8-3.5(7), the identity of each laboratory or firm and the analyses performed shall be included in the application.

(12) Additional information. In addition to the information reported on the application form, applicants shall provide to the Executive Secretary, upon request, other information as the Executive Secretary may reasonably be required to assess the discharges of the facility and to determine whether to issue a UPDES permit. The additional information may include additional quantitative data and bioassays to assess the relative toxicity of discharges to aquatic life and requirements to determine the cause of the toxicity.

3.6 CONCENTRATED ANIMAL FEEDING OPERATIONS

(1) Permit required. All concentrated animal feeding operations have a duty to seek coverage under a UPDES permit, as described in 40 CFR 122.23(d).

(2) Application requirements for new and existing concentrated animal feeding operations. New and existing concentrated animal feeding operations (defined in 40 CFR 122.23) shall provide the following information to the Executive Secretary, using the application form provided by the Executive Secretary:

(a) The name of the owner or operator;

(b) The facility location and mailing addresses;

(c) Latitude and longitude of the production area (entrance to production area);

(d) A topographic map of the geographic area in which the CAFO is located showing the specific location of the production area;

(e) Specific information about the number and type of animals, whether in open confinement or housed under roof (beef cattle, broilers, layers, swine weighing 55 pounds or more, swine weighing less than 55 pounds, mature dairy cows, dairy heifers, veal calves, sheep and lambs, horses, ducks, turkeys, other);

(f) The type of containment and storage (anaerobic lagoon, roofed storage shed, storage ponds, underfloor pits, above ground storage tanks, below ground storage tanks, concrete pad, impervious soil pad, other) and total capacity for manure, litter, and process wastewater storage(tons/gallons);

(g) The total number of acres under control of the applicant available for land application of manure, litter, or process wastewater;

(h) Estimated amounts of manure, litter, and process wastewater generated per year (tons/gallons);

(i) Estimated amounts of manure, litter and process wastewater transferred to other persons per year (tons/gallons); and

(j) For CAFOs that seek permit coverage after December 31, 2006, certification that a Comprehensive Nutrient Management Plan (CNMP) has been completed and will be implemented upon the date of permit coverage.

(3) Technical standards for nutrient management. UPDES permits issued to concentrated animal feeding operations shall contain technical standards for nutrient management as outlined in 40 CFR 412.4. The technical standards for nutrient management shall conform with the standards contained in the Utah Natural Resources Conservation Service Conservation Practice Standard Code 590 Nutrient Management.

3.7 CONCENTRATED AQUATIC ANIMAL PRODUCTION FACILITIES

(1) Permit required. Concentrated aquatic animal production facilities, as defined in this section, are point sources subject to the UPDES permit program.

(2) Definitions. "Concentrated aquatic animal production facility" means a hatchery, fish farm, or other facility which meets the criteria in R317-8-3.7(5) or which the Executive Secretary designates under R317-8-3.7(3).

(3) Case-by-Case designation of concentrated aquatic animal production facilities.

(a) The Executive Secretary may designate any warm or cold water aquatic animal production facility as a concentrated aquatic animal production facility upon determining that it is a significant contributor of pollution to the waters of the State. In making this designation the Executive Secretary will consider the following factors:

1. The location and quality of the receiving waters of the State;

2. The holding, feeding, and production capacities of the facility;

3. The quantity and nature of the pollutants reaching waters of the State; and

4. Other relevant factors.

(b) A permit application will not be required from a concentrated aquatic animal production facility designated under this section until the Executive Secretary or authorized representative has conducted an on-site inspection of the facility and has determined that the facility could and should be regulated under the UPDES permit program.

(4) Information required. New and existing concentrated aquatic animal production facilities shall provide the following information to the Executive Secretary using the application form provided:

(a) The maximum daily and average monthly flow from each outfall.

(b) The number of ponds, raceways, and similar structures.

(c) The name of the receiving water and the source of intake water.

(d) For each species of aquatic animals, the total yearly and maximum harvestable weight.

(e) The calendar month of maximum feeding and the total mass of food fed during that month.

(5) Criteria for determining a concentrated aquatic animal production facility. A hatchery, fish farm, or other facility is a concentrated aquatic animal production facility for purposes of this regulation if it contains, grows, or holds aquatic animals in either of the following categories:

(a) Cold water aquatic animals. Cold water fish species or other cold water aquatic animals in ponds, raceways, or other similar structures which discharge at least thirty (30) days per year but does not include:

1. Facilities which produce less than 9,090 harvest weight kilograms (approximately 20,000 pounds) of aquatic animals per year; and

2. Facilities which feed less than 2,272 kilograms (approximately 5,000 pounds) of food during the calendar month of maximum feeding.

3. Cold water aquatic animals include, but are not limited to the Salmonidae family of fish.

(b) Warm water aquatic animals. Warm water fish species or other warm water aquatic animals in ponds, raceways, or other similar structures which discharge at least thirty (30) days per year, but does not include:

1. Closed ponds which discharge only during periods of excess runoff; or

2. Facilities which produce less than 45,454 harvest weight kilograms (approximately 100,000) pounds) of aquatic animals per year.

3. "Warm water aquatic animals" include, but are not limited to, the Ameiuride, Centrachidae and Cyprinidae families of fish.

3.8 AQUACULTURE PROJECTS

(1) Permit required. Discharges into aquaculture projects, as defined in this section, are subject to the UPDES permit program.

(2) Definitions.

(a) "Aquaculture project" means a defined managed water area which uses discharges of pollutants into that designated area for the maintenance or production of harvestable freshwater plants and animals.

(b) "Designated project areas" means the portions of the waters of the State within which the permittee or permit applicant plans to confine the cultivated species, using a method or plan of operation, including, but not limited to, physical confinement, which on the basis of reliable scientific evidence, is expected to ensure that specific individual organisms comprising an aquaculture crop will enjoy increased growth attributable to the discharge of pollutants, and be harvested within a defined geographic area.

3.9 STORM WATER DISCHARGES

(1) Permit requirement.

(a) Prior to October 1, 1992, a permit shall not be required for a discharge composed entirely of storm water, except for:

1. A discharge with respect to which a permit has been issued prior to February 4, 1987;

2. A discharge associated with industrial activity;

3. A discharge from a large municipal separate storm sewer system;

4. A discharge from a medium municipal separate storm sewer system;

5. A discharge which the Executive Secretary determines contributes to a violation of water quality standard or is a significant contributor of pollutants to waters of the State. This designation may include a discharge from any conveyance or system of conveyances used for collecting and conveying storm water runoff or a system of discharges from municipal separate storm sewers, except for those discharges from conveyances which do not require a permit under this section or agricultural storm water runoff which is exempted from the definition of point source. The Executive Secretary may designate discharges from municipal separate storm sewers on a system-wide or jurisdiction-wide basis. In making this determination the Executive Secretary may consider the following factors:

a. The location of the discharge with respect to waters of the State;

b. The size of the discharge;

c. The quantity and nature of the pollutants discharged to waters of the State; and

d. Other relevant factors.

(b) The Executive Secretary may not require a permit for discharges of storm water runoff from mining operations or oil and gas exploration, production, processing, or treatment operations or transmission facilities, composed entirely of flows which are from conveyances or systems of conveyances (including but not limited to pipes, conduits, ditches, and channels) used for collecting and conveying precipitation runoff and which are not contaminated by contact with or do not come into contact with any overburden, raw material, intermediate products, finished product, by product, or waste products located on the site of such operations.

(c) Large and medium municipal separate storm sewer systems.

1. Permits must be obtained for all discharges from large and medium municipal separate storm sewer systems.

2. The Executive Secretary may either issue one system-wide permit covering all discharges from municipal separate storm sewers within a large or medium municipal storm sewer system or issue distinct permits for appropriate categories of discharges within a large or medium municipal separate storm sewer system including, but not limited to: all discharges owned or operated by the same municipality; located within the same jurisdiction; all discharges within a system that discharge to the same watershed; discharges within a system that are similar in nature; or individual discharges from municipal separate storm sewers within the system.

3. The operator of a discharge from a municipal separate storm sewer which is part of a large or medium municipal separate storm sewer system must either:

a. Participate in a permit application (to be a permittee or a co-permittee) with one or more other operators of discharges from the large or medium municipal storm sewer system which covers all, or a portion of all, discharges from the municipal separate storm sewer system;

b. Submit a distinct permit application which only covers discharges from the municipal separate storm sewers for which the operator is responsible; or

4. A regional authority may be responsible for submitting a permit application under the following guidelines:

i. The regional authority together with co-applicants shall have authority over a storm water management program that is in existence, or shall be in existence at the time part 1 of the application is due;

ii. The permit applicant or co-applicants shall establish their ability to make a timely submission of part 1 and part 2 of the municipal application;

iii. Each of the operators of municipal separate storm sewers within the systems described in R317-8-1.6(4)(a),(b) and (c) or R317-8-1.6(7)(a),(b), and (c), that are under the purview of the designated regional authority, shall comply with the application requirements of R317-8-3.9(3).

5. One permit application may be submitted for all or a portion of all municipal separate storm sewers within adjacent or interconnected large or medium municipal separate storm sewer systems. The Executive Secretary may issue one system-wide permit covering all, or a portion of all municipal separate storm sewers in adjacent or interconnected large or medium municipal separate storm sewer systems.

6. Permits for all or a portion of all discharges from large or medium municipal separate storm sewer systems that are issued on a system-wide, jurisdiction-wide, watershed or other basis may specify different conditions relating to different discharges covered by the permit, including different management programs for different drainage areas which contribute storm water to the system.

7. Co-permittees need only comply with permit conditions relating to discharges from the municipal separate storm sewers for which they are operators.

(d) Discharges through large and medium municipal separate storm sewer systems. In addition to meeting the requirements of R317-8-3.9(2), an operator of a storm water discharge associated with industrial activity which discharges through a large or medium municipal separate storm sewer system shall submit, to the operator of the municipal separate storm sewer system receiving the discharge no later than May 15, 1991, or 180 days prior to commencing such discharge: the name of the facility; a contact person and phone number; the location of the discharge; a description, including Standard Industrial Classification, which best reflects the principal products or services provided by each facility; and any existing UPDES permit number.

(e) Other municipal separate storm sewers. The Executive Secretary may issue permits for municipal separate storm sewers that are designated under R317-8-3.9(1)(a)(5) on a system-wide basis, jurisdiction-wide basis, watershed basis or other appropriate basis, or may issue permits for individual discharges.

(f) Non-municipal separate storm sewers. For storm water discharges associated with industrial activity from point sources which discharge through a non-municipal or non-publicly owned separate storm sewer system, the Executive Secretary, in his discretion, may issue: a single UPDES permit, with each discharger a co-permittee to a permit issued to the operator of the portion of the system that discharges into waters of the State; or, individual permits to each discharger of storm water associated with industrial activity through the non-municipal conveyance system.

1. All storm water discharges associated with industrial activity that discharge through a storm water discharge system that is not a municipal separate storm sewer must be covered by an individual permit, or a permit issued to the operator of the portion of the system that discharges to waters of the State, with each discharger to the non-municipal conveyance a co-permittee to that permit.

2. Where there is more than one operator of a single system of such conveyances, all operators of storm water discharges associated with industrial activity must submit applications.

3. Any permit covering more than one operator shall identify the effluent limitations, or other permit conditions, if any, that apply to each operator.

(g) Combined sewer systems. Conveyances that discharge storm water runoff combined with municipal sewage are point sources that must obtain UPDES permits and that are not subject to the provisions of this section.

(h) Small municipal, small construction, TMDL pollutants of concern, and significant contributors of pollution.

1. On and after October 1, 1994, for discharges composed entirely of storm water, that are not required by paragraph (1)(a) of this section to obtain a permit, operators shall be required to obtain a UPDES permit only if:

a. The discharge is from a small MS4 required to be regulated pursuant to 40 CFR 122.32 (see R317-8-1.10(10)).

b. The discharge is a storm water discharge associated with small construction activity pursuant to paragraph R317-8-3.9(6)(e).

c. The Executive Secretary or authorized representative determines that storm water controls are needed for the discharge based on wasteload allocations that are part of "total maximum daily loads" (TMDLs) that address the pollutant(s) of concern; or

d. The Executive Secretary or authorized representative

determines that the discharge, or category of discharges within a geographic area, contributes to a violation of a water quality standard or is a significant contributor of pollutants to waters of the State.

2. Operators of small MS4s designated pursuant to paragraphs (1)(h)1.a., (1)(h)1.c., and (1)(h)1.d. of this section shall seek coverage under an UPDES permit in accordance with 40 CFR 122.33, 122.34, and 122.35 (see R317-8-1.10(11) through R317-8-1.10(13). Operators of non-municipal sources designated pursuant to paragraph (1)(h)1.b; (1)(h)1.c; and (1)(h)1.d of this section shall seek coverage under a UPDES permit in accordance with paragraph (2)(a) of this section.

3. Operators of storm water discharges designated pursuant to paragraphs (1)(h)1.c. and (1)(h)1.d. of this section shall apply to the Executive Secretary for a permit within 180 days of receipt of notice, unless permission for a later date is granted by the Executive Secretary (see R317-8-3.6(3)).

(2) Application requirements for storm water discharges associated with industrial activity and storm water discharges associated with small construction activity.

(a) Individual application. Dischargers of storm water associated with industrial activity and with small construction activity are required to apply for an individual permit or seek coverage under a promulgated storm water general permit. Facilities that are required to obtain an individual permit, or any discharge of storm water which the Executive Secretary is evaluating under R317-8-3.9(1)(a)5 and is not a municipal separate storm sewer, and which is not part of a group application described under paragraph R317-8-3.9(2)(b) of this section, shall submit an UPDES application in accordance with R317-8-3.1 and supplemented by the provisions of the remainder of this paragraph. Applicants for discharges composed entirely of storm water shall submit Forms 1 and 2F. Applicants for discharges composed of storm water and non-storm water shall submit EPA Forms 1, 2C, and 2F. Applicants for new sources or new discharges composed of storm water and non-storm water shall submit EPA Forms 1, 2D, and 2F.

1. Except as provided in R317-8-3.9(2)(a)2, 3, and 4, the operator of a storm water discharge associated with industrial activity subject to this section shall provide:

a. A site map showing topography (or indicating the outline of drainage areas served by the outfall(s) covered in the application if a topographic map is unavailable) of the facility including: each of its drainage and discharge structures; the drainage area of each storm water outfall; paved areas and buildings within the drainage area of each storm water outfall; each past or present area used for outdoor storage or disposal of significant materials; each existing structural control measure to reduce pollutants in storm water runoff; materials loading and access areas; areas where pesticides, herbicides, soil conditioners and fertilizers are applied; each of its hazardous waste treatment, storage or disposal facilities (including each area not required to have a RCRA permit which is used for accumulating hazardous waste); each well where fluids from the facility are injected underground; springs, and other surface water bodies which receive storm water discharges from the facility;

b. An estimate of the area of impervious surfaces (including paved areas and building roofs) and the total area drained by each outfall (within a mile radius of the facility) and a narrative description of the following: Significant materials that in the three years prior to the submittal of this application have been treated, stored or disposed in a manner to allow exposure to storm water; method of treatment, storage or disposal of such materials; materials management practices employed, in the three years prior to the submittal of this application, to minimize contact by these materials with storm water runoff; materials loading and access areas; the location, manner and frequency in which pesticides, herbicides, soil conditioners and fertilizers are applied; the location and a description of existing structural and non-structural control measures to reduce pollutants in storm water runoff; and a description of the treatment the storm water receives, including the ultimate disposal of any solid or fluid wastes other than by discharge;

c. A certification that all outfalls that should contain storm water discharges associated with industrial activity have been tested or evaluated for the presence of non-storm water discharges which are not covered by a UPDES permit; tests for such non-storm water discharges may include smoke tests, fluorometric dye tests, analysis of accurate schematics, as well as other appropriate tests. The certification shall include a description of the method used, the date of any testing, and the on-site drainage points that were directly observed during a test;

d. Existing information regarding significant leaks or spills of toxic or hazardous pollutants at the facility that have taken place within the three years prior to the submittal of this application;

e. Quantitative data based on samples collected during storm events and collected in accordance with R317-8-3.1 from all outfalls containing a storm water discharge associated with industrial activity for the following parameters:

i. Any pollutant limited in an effluent guideline to which the facility is subject;

ii. Any pollutant listed in the facility's UPDES permit for its process wastewater (if the facility is operating under an existing UPDES permit);

iii. Oil and grease, pH, BOD5, COD, TSS, total phosphorus, total Kjeldahl nitrogen, and nitrate plus nitrite nitrogen;

iv. Any information on the discharge required under R317-8-3.5(7)(d) and (e);

v. Flow measurements or estimates of the flow rate, and the total amount of discharge for the storm event(s) sampled, and the method of flow measurement or estimation; and

vi. The date and duration (in hours) of the storm event(s) sampled, rainfall measurements or estimates of the storm event (in inches) which generated the sampled runoff and the duration between the storm event sampled and the end of the previous measurable (greater than O.1 inch rainfall) storm event (in hours);

f. Operators of a discharge which is composed entirely of storm water are exempt from R317-8-3.5(2),(3),(4),(5),(7)(a),(c), and (f); and

g. Operators of new sources or new discharges which are composed in part or entirely of storm water must include estimates for the pollutants or parameters listed in R317-8-3.9(2)(a)1e instead of actual sampling data, along with the source of each estimate. Operators of new sources or new discharges composed in part or entirely of storm water must provide quantitative data for the parameters listed in R317-8-3.5(2)(a)1e within two years after commencement of discharge, unless such data has already been reported under the monitoring requirements of the UPDES permit for the discharge. Operators of a new source or new discharge which is composed entirely of storm water are exempt from the requirements of R317-8-3.2(3)(b) and (c) and 3.2(5).

2. An operator of an existing or new storm water discharge that is associated with industrial activity solely under R317-8-3.9(6)(c)11 of this section or is associated with small construction activity solely under paragraph R317-8-3.9(6)(e) of this section, is exempt from the requirements of R317-8-3.5 and R317-8-3.9(2)(a)1. Such operator shall provide a narrative description of:

a. The location (including a map) and the nature of the construction activity;

b. The total area of the site and the area of the site that is expected to undergo excavation during the life of the permit;

c. Proposed measures, including best management practices, to control pollutants in storm water discharges during construction, including a brief description of applicable State and local erosion and sediment control requirements;

d. Proposed measures to control pollutants in storm water discharges that will occur after construction operations have been completed, including a brief description of applicable State or local erosion and sediment control requirements;

e. An estimate of the runoff coefficient of the site and the increase in impervious area after the construction addressed in the permit application is completed, the nature of fill material and existing data describing the soil or the quality of the discharge; and

f. The name of the receiving water.

3. The operator of an existing or new discharge composed entirely of storm water from an oil or gas exploration, production, processing, or treatment operation, or transmission facility is not required to submit a permit application in accordance with R317-8-3.9(2)(a)1, unless the facility:

a. Has had a discharge of storm water resulting in the discharge of a reportable quantity for which notification is or was required pursuant to 40 CFR 117.21 or 40 CFR 302.6 at anytime since November 16, 1987;

b. Has had a discharge of storm water resulting in the discharge of a reportable quantity for which notification is or was required pursuant to 40 CFR 110.6 at any time since November 16, 1987; or

c. Contributes to a violation of a water quality standard.

4. The operator of an existing or new discharge composed entirely of storm water from a mining operation is not required to submit a permit application unless the discharge has come into contact with any overburden, raw material, intermediate products, finished product, byproduct or waste products located on the site of such operations.

5. Applicants shall provide such other information the Executive Secretary may reasonably require to determine whether to issue a permit and may require any facility subject to R317-8-3.9(2)(a)2 to comply with R317-8-3.9(2)(a)1.

(3) Application requirements for large and medium municipal separate storm sewer discharges. The operator of a discharge from a large or medium municipal separate storm sewer or a municipal separate storm sewer that is designated by the Executive Secretary under R317-8-3.9(1)(a)5, may submit a jurisdiction-wide or system-wide permit application. Where more than one public entity owns or operates a municipal separate storm sewer within a geographic area (including adjacent or interconnected municipal separate storm sewer systems), such operators may be a coapplicant to the same application. Permit applications for discharges from large and medium municipal storm sewers or municipal storm sewers designated under R317-8-3.9(1)(a)5 shall include:

(a) Part 1. Part 1 of the application shall consist of:

1. General information. The applicants' name, address, telephone number of contact person, ownership status and status as a State or local government entity.

2. Legal authority. A description of existing legal authority to control discharges to the municipal separate storm sewer system. When existing legal authority is not sufficient to meet the criteria provided in R317-8-3.9(3)(b)1, the description shall list additional authorities as will be necessary to meet the criteria and shall include a schedule and commitment to seek such additional authority that will be needed to meet the criteria.

3. Source identification.

a. A description of the historic use of ordinances, guidance or other controls which limited the discharge of non-storm water discharges to any Publicly Owned Treatment Works serving the same area as the municipal separate storm sewer system.

b. A USGS 7.5 minute topographic map (or equivalent topographic map with a scale between 1:10,000 and 1:24,000 if cost effective) extending one mile beyond the service boundaries of the municipal storm sewer system covered by the permit application. The following information shall be provided:

i. The location of known municipal storm sewer system outfalls discharging to waters of the State;

ii. A description of the land use activities (e.g. divisions indicating undeveloped, residential, commercial, agriculture and industrial uses) accompanied with estimates of population densities and projected growth for a ten year period within the drainage area served by the separate storm sewer. For each land use type, and estimate of an average runoff coefficient shall be provided;

iii. The location and a description of the activities of the facility of each currently operating or closed municipal landfill or other treatment, storage or disposal facility for municipal waste;

iv. The location and the permit number of any known discharge to the municipal storm sewer that has been issued a UPDES permit;

v. The location of major structural controls for storm water discharge (retention basins, detention basins, major infiltration devices, etc.); and

vi. The identification of publicly owned parks, recreational areas, and other open lands.

4. Discharge characterization.

a. Monthly mean rain and snow fall estimates (or summary of weather bureau data) and the monthly average number of storm events.

b. Existing quantitative data describing the volume and quality of discharges from the municipal storm sewer, including a description of the outfalls sampled, sampling procedures and analytical methods used.

c. A list of water bodies that receive discharges from the municipal separate storm sewer system, including downstream segments, lakes and estuaries, where pollutants from the system discharges may accumulate and cause water degradation and a brief description of known water quality impacts. At a minimum, the description of impacts shall include a description of whether the water bodies receiving such discharges have been:

i. Assessed and reported in CWA 305(b) reports submitted by the State, the basis for the assessment (evaluated or monitored), a summary of designated use support and attainment of Clean Water Act (CWA) goals (fishable and swimmable waters), and causes of nonsupport of designated uses;

ii. Listed under section 304(l)(1)(A)(i), section 304(l)(1)(A)(ii), or section 304(l)(1)(B) of the CWA that is not expected to meet water quality standards or water quality goals;

iii. Listed in Utah Nonpoint Source Assessments that, without additional action to control nonpoint sources of pollution, cannot reasonably be expected to attain or maintain water quality standards due to storm sewers, construction, highway maintenance and runoff from municipal landfills and municipal sludge adding significant pollution (or contributing to a violation of water quality standards);

iv. Identified and classified according to eutrophic condition of publicly owned lakes listed in State reports required under section 314(a) of the CWA (include the following: A description of those publicly owned lakes for which uses are known to be impaired; a description of procedures, processes and methods to control the discharge of pollutants from municipal separate storm sewers into such lakes; and a description of methods and procedures to restore the quality of such lakes);

v. Recognized by the applicant as highly valued or sensitive waters;

vi. Defined by the state or U.S. Fish and Wildlife Service's

National Wetlands Inventory as wetlands; and

vii. Found to have pollutants in bottom sediments, fish tissue or biosurvey data.

d. Field screening. Results of a field screening analysis for illicit connections and illegal dumping for either selected field screening points or major outfalls covered in the permit application. At a minimum, a screening analysis shall include a narrative description, for either each field screening point or major outfall, of visual observations made during dry weather periods. If any flow is observed, two grab samples shall be collected during a 24 hour period with a minimum period of four hours between samples. For all such samples, a narrative description of the color, odor, turbidity, the presence of an oil sheen or surface scum as well as any other relevant observations regarding the potential presence of non-storm water discharges or illegal dumping shall be provided. In addition, a narrative description of the results of a field analysis using suitable methods to estimate pH, total chlorine, total copper, total phenol, and detergents (or surfactants) shall be provided along with a description of the flow rate. Where the field analysis does not involve analytical methods approved under 40 CFR part 136, the applicant shall provide a description of the method used including the name of the manufacturer of the test method along with the range and accuracy of the test. Field screening points shall be either major outfalls or other outfall points (for any other point of access such as manholes) randomly located throughout the storm sewer system by placing a grid over a drainage system map and identifying those cells of the grid which contain a segment of the storm sewer system or major outfall. The field screening points shall be established using the following guidelines and criteria:

i. A grid system consisting of perpendicular north-south and east-west lines spaced 1/4 mile apart shall be overlayed on a map of the municipal storm sewer system, creating a series of cells;

ii. All cells that contain a segment of the storm sewer system shall be identified; one field screening point shall be selected in each cell; major outfalls may be used as field screening points;

iii. Field screening points should be located downstream of any sources of suspected illegal or illicit activity;

iv. Field screening points shall be located to the degree practicable at the farthest manhole or other accessible location downstream in the system, within each cell; however, safety of personnel and accessibility of the location should be considered in making this determination;

v. Hydrological conditions; total drainage area of the site; population density of the site; traffic density; age of the structures or building in the area; history of the area; and land use types;

vi. For medium municipal separate storm sewer systems, no more than 250 cells need to have identified field screening points; in large municipal separate storm sewer systems, no more than 500 cells need to have identified field screening points; cells established by the grid that contain no storm sewer segments will be eliminated from consideration; if fewer than 250 cells in medium municipal sewers are created, and fewer than 500 in large systems are created by the overlay on the municipal sewer map, then all those cells which contain a segment of the sewer system shall be subject to field screening (unless access to the separate storm sewer system is impossible); and

vii. Large or medium municipal separate storm sewer systems which are unable to utilize the procedures described in R317-8-3.9(3)(a)4di-vi, because a sufficiently detailed map of the separate storm sewer systems is unavailable, shall field screen no more than 500 or 250 major outfalls respectively (or all major outfalls in the system, if less); in such circumstances, the applicant shall establish a grid system consisting of north-south and east-west lines spaced 1/4 mile apart as an overlay to the boundaries of the municipal storm sewer system, thereby creating a series of cells; the applicant will then select major outfalls in as many cells as possible until at least 500 major outfalls (large municipalities) or 250 major outfalls (medium municipalities) are selected; a field screening analysis shall be undertaken at these major outfalls.

e. Characterization plan. Information and a proposed program to meet the requirements of R317-8-3.9(3)(b)3. Such description shall include: the location of outfalls or field screening points appropriate for representative data collection under R317-8-3.9(3)(b)3.a, a description of why the outfall or field screening point is representative, the seasons during which sampling is intended, a description of the sampling equipment. The proposed location of outfall or field screening points for such sampling should reflect water quality concerns to the extent practicable.

5. Management programs.

a. A description of the existing management programs to control pollutants from the municipal separate storm sewer system. The description shall provide information on existing structural and source controls, including operation and maintenance measures for structural controls, that are currently being implemented. Such controls may include, but are not limited to: Procedures to control pollution resulting from construction activities; floodplain management controls; wetland protection measures; best management practices for new subdivisions; and emergency spill response programs. The description may address controls established under State law as well as local requirements.

b. A description of the existing program to identify illicit connections to the municipal storm sewer system. The description should include inspection procedures and methods for detecting and preventing illicit discharges, and describe areas where this program has been implemented.

6. Financial resources. A description of the financial resources currently available to the municipality to complete part 2 of the permit application. A description of the municipality's budget for existing storm water programs, including an overview of the municipality's financial resources and budget, including overall indebtedness and assets, and sources of funds for storm water programs.

(b) Part 2. Part 2 of the application shall consist of:

1. Adequate legal authority. A demonstration that the applicant can operate pursuant to legal authority established by statute, ordinance or series of contracts which authorizes or enables the applicant at a minimum to:

a. Control through ordinance, permit, contract, order or similar means, the contribution of pollutants to the municipal storm sewer by storm water discharges associated with industrial activity and the quality of storm water discharged from sites of industrial activity;

b. Prohibit through ordinance, order or similar means, illicit discharges to the municipal separate storm sewer;

c. Control through ordinance, order or similar means the discharge to a municipal separate storm sewer of spills, dumping or disposal of materials other than storm water;

d. Control through interagency agreements among coapplicants the contribution of pollutants from one portion of the municipal system to another portion of the municipal system;

e. Require compliance with conditions in ordinances, permits, contracts or orders; and

f. Carry out all inspection, surveillance and monitoring procedures necessary to determine compliance and noncompliance with permit conditions including the prohibition on illicit discharges to the municipal separate storm sewer.

2. Source identification. The location of any major outfall that discharges to waters of the State that was not reported under

R317-8-3.9(3)(a)3b 1. Provide an inventory, organized by watershed of the name and address, and a description (such as SIC codes) which best reflects the principal products or services provided by each facility which may discharge, to the municipal separate storm sewer, storm water associated with industrial activity;

3. Characterization data. When "quantitative data" for a pollutant are required, the applicant must collect a sample of effluent in accordance with R317-8-3.5(7) and analyze it for the pollutant in accordance with analytical methods approved under 40 CFR part 136. When no analytical method is approved the applicant may use any suitable method but must provide a description of the method. The applicant must provide information characterizing the quality and quantity of discharges covered in the permit application, including:

a. Quantitative data from representative outfalls designated by the Executive Secretary (based on information received in part 1 of the application, the Executive Secretary shall designate between five and ten outfalls or field screening points as representative of the commercial, residential and industrial land use activities of the drainage area contributing to the system or, where there are less than five outfalls covered in the application, the Executive Secretary shall designate all outfalls) developed as follows:

i. For each outfall or field screening point designated, samples shall be collected of storm water discharges from three storm events occurring at least one month apart in accordance with R317-8-3.5(7) (the Executive Secretary may allow exemptions to sampling three storm events when climatic conditions create good cause for such exemptions);

ii. A narrative description shall be provided of the date and duration of the storm event(s) sampled, rainfall estimates of the storm event which generated the sampled discharge and the duration between the storm event sampled and the end of the previous measurable (greater than 0.1 inch rainfall) storm event;

iii. For samples collected and described under R317-8-3.9(3)(b)3.a i and ii, quantitative data shall be provided for: the organic pollutants listed in Table II; the pollutants listed in Table III (other toxic pollutants metals, cyanide, and total phenols) of R317-8-3.13, and for the following pollutants:

Total suspended solids (TSS)
Total dissolved solids (TDS)
COD
BOD5
Oil and grease
Fecal coliform
Fecal streptococcus
pH
Total Kjeldahl nitrogen
Nitrate plus nitrite
Dissolved phosphorus
Total ammonia plus organic nitrogen
Total phosphorus

iv. Additional limited quantitative data required by the Executive Secretary for determining permit conditions (the Executive Secretary may require that quantitative data shall be provided for additional parameters, and may establish sampling conditions such as the location, season of sample collection, form of precipitation and other parameters necessary to insure representativeness);

b. Estimates of the annual pollutant load of the cumulative discharges to waters of the State from all identified municipal outfalls and the event mean concentration of the cumulative discharges to waters of the State from all identified municipal outfalls during a storm event for BOD5, COD, TSS, dissolved solids, total nitrogen, total ammonia plus organic nitrogen, total phosphorus, dissolved phosphorus, cadmium, copper, lead, and zinc. Estimates shall be accompanied by a description of the procedures for estimating constituent loads and concentrations, including any modeling, data analysis, and calculation methods;

c. A proposed schedule to provide estimates for each major outfall identified in either R317-8-3.9(3)(b)2 or R317-8-3.9(3)(a)3b 1 of the seasonal pollutant load and of the event mean concentration of a representative storm for any constituent detected in any sample required under R317-8-3.9(3)(b)3a of this section; and

d. A proposed monitoring program for representative data collection for the term of the permit that describes the location of outfalls or field screening points to be sampled (or the location of instream stations), why the location is representative, the frequency of sampling, parameters to be sampled, and a description of sampling equipment.

4. Proposed management program. A proposed management program covers the duration of the permit. It shall include a comprehensive planning process which involves public participation and where necessary intergovernmental coordination, to reduce the discharge of pollutants to the maximum extent practicable using management practices, control techniques and system, design and engineering methods, and such other provisions which are appropriate. The program shall also include a description of staff and equipment available to implement the program. Separate proposed programs may be submitted by each coapplicant. Proposed programs may impose controls on a system wide basis, a watershed basis, a jurisdiction basis, or on individual outfalls. Proposed programs will be considered by the Executive Secretary when developing permit conditions to reduce pollutants in discharges to the maximum extent practicable. Proposed management programs shall describe priorities for implementing controls. Such programs shall be based on:

a. A description of structural and source control measures to reduce pollutants from runoff from commercial and residential areas that are discharged from the municipal storm sewer system that are to be implemented during the life of the permit, accompanied with an estimate of the expected reduction of pollutant loads and a proposed schedule for implementing such controls. At a minimum, the description shall include:

i. A description of maintenance activities and a maintenance schedule for structural controls to reduce pollutants (including floatables) in discharges from municipal separate storm sewers;

ii. A description of planning procedures including a comprehensive master plan to develop, implement and enforce controls to reduce the discharge of pollutants from municipal separate storm sewers which receive discharges from areas of new development and significant redevelopment. Such plan shall address controls to reduce pollutants in discharges from municipal separate storm sewers after construction is completed. Controls to reduce pollutants in discharges from municipal separate storm sewers containing construction site runoff are addressed in R317-8-3.9(3)(b)4d;

iii. A description of practices for operating and maintaining public streets, roads and highways and procedures for reducing the impact on receiving waters of discharges from municipal storm sewer systems, including pollutants discharged as a result of deicing activities;

iv. A description of procedures to assure that flood management projects assess the impacts on the water quality of receiving water bodies and that existing structural flood control devices have been evaluated to determine if retrofitting the device to provide additional pollutant removal from storm water is feasible.

v. A description of a program to monitor pollutants in runoff from operating or closed municipal landfills or other treatment, storage or disposal facilities for municipal waste, which shall identify priorities and procedures for inspections and establishing and implementing control measures for such discharges (this program can be coordinated with the program

developed under R317-8-3.9(3)(b)4c); and

vi. A description of a program to reduce to the maximum extent practicable, pollutants in discharges from municipal separate storm sewers associated with the application of pesticides, herbicides and fertilizer which will include, as appropriate, controls such as educational activities, permits, certifications and other measures for commercial applicators and distributors, and controls for application in public right-of-ways and at municipal facilities.

b. A description of a program, including a schedule, to detect and remove illicit discharges and improper disposal into the storm sewer. The proposed program shall include:

i. A description of a program, including inspections, to implement and enforce an ordinance, orders or similar means to prevent illicit discharges to the municipal separate storm sewer system; this program description shall address all types of illicit discharges, however the following category of non-storm water discharges or flows shall be addressed where such discharges are identified by the municipality as sources of pollutants to waters of the State: water line flushing, landscape irrigation, diverted stream flows, rising ground waters, uncontaminated ground water infiltration to separate storm sewers, uncontaminated pumped ground water, discharges from potable water sources, foundation drains, air conditioning condensation, irrigation water, springs, water from crawl space pumps, footing drains, lawn watering, individual residential car washing, flows from riparian habitats and wetlands, dechlorinated swimming pool discharges, and street wash water (program descriptions shall address discharges or flows from fire fighting only where such discharges or flows are identified as significant sources of pollutants to waters of the State);

ii. A description of procedures to conduct on-going field screening activities during the life of the permit, including areas or locations that will be evaluated by such field screens;

iii. A description of procedures to be followed to investigate portions of the separate storm sewer system that, based on the results of the field screen, or other appropriate information, indicate a reasonable potential of containing illicit discharges or other sources of non-storm water (such procedures may include: sampling procedures for constituents such as fecal coliform, fecal streptococcus, surfactants (MBAS), residual chlorine, fluorides and potassium; testing with fluorometric dyes; or conducting in storm sewer inspections where safety and other considerations allow. Such description shall include the location of storm sewers that have been identified for such evaluation);

iv. A description of procedures to prevent, contain, and respond to spills that may discharge into the municipal separate storm sewer;

v. A description of a program to promote, publicize and facilitate public reporting of the presence of illicit discharges or water quality impacts associated with discharges from municipal separate storm sewers;

vi. A description of educational activities, public information activities, and other appropriate activities to facilitate the proper management and disposal of used oil and toxic materials; and

vii. A description of controls to limit infiltration of seepage from municipal sanitary sewers to municipal separate storm sewer systems where necessary;

c. A description of a program to monitor and control pollutants in storm water discharges to municipal systems from municipal landfills, hazardous waste treatment, disposal and recovery facilities, industrial facilities that are subject to section 313 of title III of the Superfund Amendments and Reauthorization Act of 1986 (SARA), and industrial facilities that the municipal permit applicant determines are contributing a substantial pollutant loading to the municipal storm sewer system. The program shall:

i. Identify priorities and procedures for inspection and establishing and implementing control measures for such discharges;

ii. Describe a monitoring program for storm water discharges associated with the industrial facilities identified in R317-8-3.9(b)4c to be implemented during the term of the permit, including the submission of quantitative data on the following constituents: any pollutants limited in effluent guidelines subcategories, where applicable; any pollutant listed in an existing UPDES permit for a facility; oil and grease, COD, pH, BOD5, TSS, total phosphorus, total Kjeldahl nitrogen, nitrate plus nitrite nitrogen, and any information on discharges required under R317-8-3.5(7)(d) 1, 2, and (e).

d. A description of a program to implement and maintain structural and non-structural best management practices to reduce pollutants in storm water runoff from construction sites to the municipal storm sewer system, which shall include:

i. A description of procedures for site planning which incorporate consideration of potential water quality impacts;

ii. A description of requirements for nonstructural and structural best management practices;

iii. A description of procedures for identifying priorities for inspecting sites and enforcing control measures which consider the nature of the construction activity, topography, and the characteristics of soils and receiving water quality; and

iv. A description of appropriate educational and training measures for construction site operators.

v. Assessment of controls. Estimated reductions in loadings of pollutants from discharges of municipal storm sewer constituents from municipal storm sewer systems expected as the result of the municipal storm water quality management program. The assessment shall also identify known impacts of storm water controls on ground water.

vi. Fiscal analysis. For each fiscal year to be covered by the permit, a fiscal analysis of the necessary capital and operation and maintenance expenditures necessary to accomplish the activities of the programs under R317-8-3.9(8)(b) 3 and 4. Such analysis shall include a description of the source of funds that are proposed to meet the necessary expenditures, including legal restrictions on the use of such funds.

vii. Where more than one legal entity submits an application, the application shall contain a description of the rules and responsibilities of each legal entity and procedures to ensure effective coordination.

viii. Where requirements under R317-8-3.9(3)(a)4e, 3.9(3)(b)3b, and 3.9(3)(b)4 are not practicable or are not applicable, the Executive Secretary may exclude any operator of a discharge from a municipal separate storm sewer which is designated under R317-8-3.9(1)(a)5, R317-8-1.6(4)(b) or R317-8-1.6(7)(b) from such requirements. The Executive Secretary shall not exclude the operator of a discharge from a municipal separate storm sewer located in incorporated places with populations greater than 100,000 and less than 250,000 according to the latest decennial census by Bureau of Census; or located in counties with unincorporated urbanized areas with a population of 250,000 or more according to the latest decennial census by the Bureau of Census, from any of the permit application requirements except where authorized.

(4) Application deadlines. Any operator of a point source required to obtain a permit under R317-8-3.9(1)(a) that does not have an effective UPDES permit authorizing discharges from its storm water outfalls shall submit an application in accordance with the following deadlines:

(a) Storm water discharges associated with industrial activities.

1. Except as provided in paragraph (4)(a)2. Of this section, for any storm water discharge associated with industrial activity identified in paragraphs R317-8-3.9(6)(d)1 through 11 of this

section that is not authorized by a storm water general permit, a permit application made pursuant to paragraph R317-8-3.9(2) of this section must be submitted to the Executive Secretary by October 1, 1992;

2. For any storm water discharge associated with industrial activity from a facility that is owned or operated by a municipality with a population of less than 100,000 that is not authorized by a general or individual permit, other than an airport, powerplant, or uncontrolled sanitary landfill, the permit application must be submitted to the Executive Secretary by March 10, 2003.

(b) For any discharge from a large municipal separate storm sewer system:

1. Part 1 of the application shall be submitted to the Executive Secretary by November 18, 1991;

2. Based on information received in the part 1 application the Executive Secretary will approve or deny a sampling plan within 90 days after receiving the part 1 application;

3. Part 2 of the application shall be submitted to the Executive Secretary by November 16, 1992.

(c) For any discharge from a medium municipal separate storm sewer system;

1. Part 1 of the application shall be submitted to the Executive Secretary by May 18, 1992.

2. Based on information received in the part 1 application the Executive Secretary will approve or deny a sampling plan within 90 days after receiving the part 1 application.

3. Part 2 of the application shall be submitted to the Executive Secretary by May 17, 1993.

(d) A permit application shall be submitted to the Executive Secretary within 180 days of notice, unless permission for a later date is granted by the Executive Secretary for;

1. A storm water discharge which the Executive Secretary determines that the discharge contributes to a violation of a water quality standard or is a significant contributor of pollutants to waters of the State.

2. A storm water discharge subject to R317-8-3.9(2)(a)5.

(e) Facilities with existing UPDES permits for storm water discharges associated with industrial activity shall maintain existing permits. New applications shall be submitted 180 days before the expiration of such permits. Facilities with expired permits or permits due to expire before May 18, 1992, shall submit applications in accordance with the deadline set forth in R317-8-3.9(4)(a).

(f) For any storm water discharge associated with small construction activity identified in paragraph R317-8-3.9(6)(e)1. of this section, see R317-8-3.1(2). Discharges from these sources require permit authorization by March 10, 2003, unless designated for coverage before then.

(g) For any discharge from a regulated small MS4, the permit application made under 40 CFR 122.33 (see R317-8-1.10(11)) must be submitted to the Executive Secretary by:

1. March 10, 2003 if designated under 40 CFR 122.32 (a)(1) (see R317-8-1.10(10)) unless your MS4 serves a jurisdiction with a population under 10,000 and the Executive Secretary has established a phasing schedule under 40 CFR 123.35 (d)(3); or

2. Within 180 days of notice, unless the Executive Secretary grants a later date, if designated under 40 CFR 122.32(a)(2) and 40 CFR 122.33(c)(2) (see R317-8-1.10(10) and (11)).

(5) Petitions.

(a) Any operator of a municipal separate storm sewer system may petition the Executive Secretary to require a separate UPDES permit for any discharge into the municipal separate storm sewer system.

(b) Any person may petition the Executive Secretary to require a UPDES permit for a discharge which is composed entirely of storm water which contributes to a violation of a water quality standard or is a significant contributor of pollutants to waters of the State.

(c) The owner or operator of a municipal separate storm sewer system may petition the Executive Secretary to reduce the Census estimates of the population served by such separate system to account for storm water discharge to combined sewers that is treated in a publicly owned treatment works. In municipalities in which combined sewers are operated, the Census estimates of population may be reduced proportional to the fraction, based on estimated lengths, of the length of combined sewers over the sum of the length of combined sewers and municipal separate storm sewers where an applicant has submitted the UPDES permit number associated with each discharge point and a map indicating areas served by combined sewers and the location of any combined sewer overflow discharge point.

(d) Any person may petition the Executive Secretary for the designation of a large, medium, or small municipal separate storm sewer system as defined by R317-8-1.6(4), (7), and (14).

(e) The Executive Secretary shall make a final determination on any petition received under this section within 90 days after receiving the petition with the exception of the petitions to designate a small MS4 in which case the Executive Secretary shall make a final determination on the petition within 180 days after its receipt.

(6) Provisions Applicable to Storm Water Definitions.

(a) The Executive Secretary may designate a municipal separate storm sewer system as part of a large system due to the interrelationship between the discharges of designated storm sewer and the discharges from the municipal separate storm sewers described under R317-8-1.6(4)(a) or (b). In making the determination under R317-8-1.6(4)(b) the Executive Secretary may consider the following factors:

1. Physical interconnections between the municipal separate storm sewers;

2. The location of discharges from the designated municipal separate storm sewer relative to discharges from municipal separate storm sewers described in R317-8-1.6(3)(a);

3. The quantity and nature of pollutants discharged to waters of the State;

4. The nature of the receiving waters; and

5. Other relevant factors; or

The Executive Secretary may, upon petition, designate as a large municipal separate storm sewer system, municipal separate storm sewers located within the boundaries of a region defined by a storm water management regional authority based on a jurisdictional, watershed, or other appropriate basis that includes one or more of the systems described in R317-8-1.6(4).

(b) The Executive Secretary may designate a municipal separate storm sewer system as part of a medium system due to the interrelationship between the discharges of designated storm sewer and the discharges from the municipal separate storm sewers describer under R317-8-1.6(7)(a) or (b). In making the determination under R317-8-1.6(7)(b) the Executive Secretary may consider the following factors;

1. Physical interconnections between the municipal separate storm sewers;

2. The location of discharges from the designated municipal separate storm sewer relative to discharges from municipal separate storm sewers described in R317-8-1.6(7)(a);

3. The quantity and nature of pollutants discharged to waters of the State;

4. The nature of the receiving waters; or

5. Other relevant factors; or

The Executive Secretary may, upon petition, designate as a medium municipal separate storm sewer system, municipal separate storm sewers located within the boundaries of a region defined by a storm water management regional authority based

on a jurisdictional, watershed, or other appropriate basis that includes one or more of the systems described in R317-8-1.6(7)(a), (b), and (c).

(c) Storm water discharges associated with industrial activity means the discharge from any conveyance that is used for collecting and conveying storm water and that is directly related to manufacturing, processing or raw materials storage areas at an industrial plant. The term does not include discharges from facilities or activities excluded from the UPDES program under this part R317-8. For the categories of industries identified in this section, the term includes, but is not limited to, storm water discharges from industrial plant yards; immediate access roads and rail lines used or traveled by carriers of raw materials, manufactured products, waste materials, or by-products used or created by the facility; material handling sites; refuse sites; sites used for the application or disposal of process waste water (as defined in 40 CFR 401); sites used for the storage and maintenance of material handling equipment; sites used for residual treatment, storage, or disposal; shipping and receiving areas; manufacturing buildings; storage areas (including tank farms) for raw materials, and intermediate and final products; and areas where industrial activity has taken place in the past and significant materials remain and are exposed to storm water. For the purpose of this paragraph, material handling activities include storage, loading and unloading, transportation, or conveyance of any raw material, intermediate product, final product, by-product or waste product. The term excludes areas located on plant lands separate from plant's industrial activities, such as office buildings and accompanying parking lots as long as the drainage from the excluded areas is not mixed with storm water drained from the above described areas. Industrial facilities (including industrial facilities that are federally, State, or municipally owned or operated that meet the description of the facilities listed in paragraphs (d)1. through(11.) of this section) include those facilities designated under the provisions of paragraph (1)(a)5. of this section.

d. The following categories of facilities are considered to be engaging in "industrial activity" for the purposes of this section (see R317-8-3.9(1)(a)2 and (6)(c)).

1. Facilities subject to storm water effluent limitations guidelines, new source performance standards, or toxic pollutant effluent standards, or toxic pollutant effluent standards under 40 CFR subchapter N except facilities with toxic pollutant effluent standards which are exempted under category R317-8-3.9(6)(c)11;

2. Facilities classified as Standard Industrial Classifications 24 (except 2434), 26 (except 265 and 267), 28 (except 283 and 285), 29, 311, 32 (except 323), 33, 3441, 373;

3. Facilities classified as Standard Industrial Classifications 10 through 14 (mineral industry) including active or inactive mining operations (except for areas of coal mining operations no longer meeting the definition of a reclamation area because the performance bond issued to the facility by the appropriate SMCRA authority has been released, or except for areas of non-coal mining operations which have been released from applicable State or Federal reclamation requirements after December 17, 1990) and oil and gas exploration, production, processing, or treatment operations, or transmission facilities that discharge storm water contaminated by contact with or that has come into contact with, any overburden, raw material, intermediate products, finished products, byproducts or waste products located on the site of such operations; (inactive mining operations are mining sites that are not being actively mined, but which have an identifiable owner/operator; inactive mining sites do not include sites where mining claims are being maintained prior to disturbances associated with the extraction, beneficiation, or processing of mined materials, nor sites where minimal activities are undertaken for the sole purpose of maintaining a mining claim);

4. Hazardous waste treatment, storage, or disposal facilities, including those that are operating under interim status or a permit under subtitle C of RCRA;

5. Landfills, land application sites, and open dumps that receive or have received any industrial wastes (waste that is received from any of the facilities described under this subsection) including those that are subject to regulation under subtitle D of RCRA;

6. Facilities involved in the recycling of materials, including metal scrap yards, battery reclaimers, salvage yards, and automobile junkyards, including but limited to those classified as Standard Industrial Classification 5015 and 5093;

7. Steam electric power generating facilities, including coal handling sites;

8. Transportation facilities classified as Standard Industrial Classifications 40, 41, 42 (except 4221-25), 43, 44, 45, and 5171 which have vehicle maintenance shops, equipment cleaning operations, or airport deicing operations. Only those portions of the facility that are either involved in vehicle maintenance (including vehicle rehabilitation, mechanical repairs, painting, fueling, and lubrication), equipment cleaning operations, airport deicing operations, or which are otherwise identified under R317-8-3.9(6)(c) 1 through 7 or R317-8-3.9(6)(c) 9 through 11 are associated with industrial activity;

9. Treatment works treating domestic sewage or any other sewage sludge or wastewater treatment device or system, used in the storage treatment, recycling, and reclamation of municipal or domestic sewage, including land dedicated to the disposal of sewage sludge that are located within the confines of the facility, with a design flow of 1.0 mgd or more, or required to have an approved pretreatment program. Not included are farm lands, domestic gardens or lands used for sludge management where sludge is beneficially reused and which are not physically located in the confines of the facility, or areas that are in compliance with requirements for disposal of sewage sludge.

10. Construction activity including clearing, grading and excavation, except operations that result in the disturbance of less than five acres of total land area. Construction activity also includes the disturbance of less than five acres of total land area that is part of a larger common plan of development or sale if the larger common plan will ultimately disturb five acres or more;

11. Facilities under Standard Industrial Classifications 20, 21, 22, 23, 2434, 25, 265, 267, 27, 283, 285, 30, 31 (except 311), 323, 34 (except 3441), 35, 36, 37 (except 373), 38, 39, 4221-25.

(e) Storm water discharge associated with small construction activity means the discharge of storm water from:

1. Construction activities including clearing, grading, and excavating that result in land disturbance of equal to or greater than one acre and less than five acres. Small construction activity also includes the disturbance of less than one acre of total land area that is part of a larger common plan of development or sale if the larger common plan will ultimately disturb equal to or greater than one and less than five acres. Small construction activity does not include routine maintenance that is performed to maintain the original line and grade, hydraulic capacity, or original purpose of the facility. The Executive Secretary may waive the otherwise applicable requirements in a general permit for a storm water discharge from construction activities that disturb less than five acres where:

a. The value of the rainfall erosivity factor ("R" in the Revised Universal Soil Loss Equation) is less than five during the period of construction activity. The rainfall erosivity factor is determined in accordance with Chapter 2 of Agriculture Handbook Number 703, Predicting Soil Erosion by Water: A Guide to Conservation Planning With the Revised Universal

Soil Loss Equation (RUSLE), page 21-64, dated January 1997. Copies may be obtained from EPA's Water Resource Center, Mail Code RC4100, 401 M St. S.W., Washington, DC 20460. A copy is also available for inspection at the U.S. EPA Water Docket, 401 M Street S.W., Washington, DC. 20460, or the Office of Federal Register, 800 N. Capitol Street N.W. Suite 700, Washington, DC. An Operator must certify to the Executive Secretary that the construction activity will take place during a period when the value of the rainfall erosivity factor is less than five; or

b. Storm water controls are not needed based on a "total maximum daily load" (TMDL) approved by EPA that addresses the pollutant(s) of concern or, for non-impaired waters that do not require TMDLs, an equivalent analysis that determines allocations for small construction sites for the pollutant(s) of concern or that determines that such allocations are not needed to protect water quality based on consideration of existing in-stream concentrations, expected growth in pollutant contributions from all sources, and a margin of safety. For the purpose of this paragraph, the pollutant(s) of concern include sediment or a parameter that addresses sediment (such as total suspended solids, turbidity or siltation) and any other pollutant that has been identified as a cause of impairment of any water body that will receive a discharge from the construction activity. The operator must certify to the Executive Secretary that the construction activity will take place, and storm water discharges will occur, within the drainage area addressed by the TMDL or equivalent analysis.

2. Any other construction activity designated by the Executive Secretary based on the potential for contribution to a violation of a water quality standard or for significant contribution of pollutants to waters of the State.

(7) Conditional exclusion for "no exposure" of industrial activities and materials to storm water. Discharges composed entirely of storm water are not storm water discharges associated with industrial activity if there is "no exposure" of industrial materials and activities to rain, snow, snow melt and/or runoff, and the discharger satisfies the conditions in paragraphs (7)(a) through (7)(d) of this section. "No exposure" means that all industrial materials and activities are protected by a storm resistant shelter to prevent exposure to rain, snow, snow melt, and/or runoff. Industrial materials or activities include, but are not limited to, material handling equipment or activities, industrial machinery, raw materials, intermediate products, by-products, final products, or waste products. Material handling activities include the storage, loading and unloading, transportation, or conveyance of any raw material, intermediate product, final product or waste product.

(a) Qualification. To qualify for this exclusion, the operator of the discharge must:

1. Provide a storm resistant shelter to protect industrial materials and activities from exposure to rain, snow, snow melt, and runoff:

2. Complete and sign (according to R317-8-3.3) a certification that there are no discharges of storm water contaminated by exposure to industrial materials and activities from the entire facility, except as provided in paragraph (7)(b) of this section:

3. Submit the signed certification to the Executive Secretary once every five years;

4. Allow the Executive Secretary or authorized representative to inspect the facility to determine compliance with the "no exposure" conditions;

5. Allow the Executive Secretary or authorized representative to make any "no exposure" inspection reports available to the public upon request; and

6. For facilities that discharge through an MS4, upon request, submit a copy of the certification of "no exposure" to the MS4 operator, as well as allow inspection and public reporting by the MS4 operator.

(b) Industrial materials and activities not requiring storm resistant shelter. To qualify for this exclusion, storm resistant shelter is not required for:

1. Drums, barrels, tanks, and similar containers that are tightly sealed, provided those containers are not deteriorated and do not leak ("Sealed" means banded or otherwise secured and without operational taps or valves);

2. Adequately maintained vehicles used in material handling; and

3. Final products, other than products that would be mobilized in storm water discharge (e.g., rock salt).

(c) Limitations

1. Storm water discharges from construction activities identified in paragraphs R317-8-3.9(6)(d)10. and R317-8-3.9(6)(e) are not eligible for this conditional exclusion.

2. This conditional exclusion from the requirement for an UPDES permit is available on a facility-wide basis only, not for individual outfalls. If a facility has some discharges of storm water that would otherwise be "no exposure" discharges, individual permit requirements should be adjusted accordingly.

3. If circumstances change and industrial materials or activities become exposed to rain, snow, snow melt, and/or runoff, the conditions for this exclusion no longer apply. In such cases, the discharge become subject to enforcement for un-permitted discharge. Any conditionally exempt discharger who anticipates changes in circumstances should apply for and obtain permit authorization prior to the change of circumstances.

4. Notwithstanding the provisions of this paragraph, the Executive Secretary retains the authority to require permit authorization (and deny this exclusion) upon making a determination that the discharge causes, has a reasonable potential to cause, or contributes to an instream excursion above an applicable water quality standard, including designated uses.

(d) Certification. The no exposure certification must require the submission of the following information, at a minimum, to aid the Executive Secretary in determining if the facility qualifies for the no exposure exclusion:

1. The legal name, address and phone number of the discharger (see R317-8-3.1(3)).

2. The facility name and address, the county name and the latitude and longitude where the facility is located;

3. The certification must indicate that none of the following materials or activities are, or will be in the foreseeable future, exposed to precipitation:

a. Using, storing, or cleaning industrial machinery or equipment, and areas where residuals from using, storing or cleaning industrial machinery or equipment remain and are exposed to storm water;

b. Materials or residuals on the ground or in storm water inlets from spills/leaks;

c. Materials or products from past industrial activity;

d. Materials handling equipment (except adequately maintained vehicles);

e. Materials or products during loading/unloading or transporting activities;

f. Materials or products stored outdoors (except final products intended for outside use, e.g., new cars, where exposure to storm water does not result in the discharge to pollutants);

g. Materials contained in open, deteriorated or leaking storage drums, barrels, tanks, and similar containers;

h. Materials or products handled/stored on roads or railways owned or maintained by the discharger;

i. Waste material (except waste in covered, non-leaking containers, e.g., dumpsters);

j. Application or disposal of process wastewater (unless otherwise permitted); and

k. Particulate matter or visible deposits or residuals from roof stacks/vents not otherwise regulated, i.e., under an air quality control permit, and evident in the storm water outflow.

4. All "no exposure" certifications must include the following certification statement, and be signed in accordance with the signatory requirements of R317-8-3.3 "I certify under penalty of law that I have read and understand the eligibility requirements for claiming a condition of "no exposure" and obtaining an exclusion from UPDES storm water permitting; and that there are no discharges of storm water contaminated by exposure to industrial activities or materials from the industrial facility identified in this document (except as allowed under paragraph (7)(b) of this section). I understand that I am obligated to submit a no exposure certification form once every five years to the Executive Secretary and, if requested, to the operator of the local MS4 into which this facility discharges (where applicable). I understand that I must allow the Executive Secretary or authorized representative or MS4 operator where the discharge is into the local MS4, to perform inspections to confirm the condition of no exposure and make such inspection reports publicly available upon request. I understand that I must obtain coverage under a UPDES permit prior to any point source discharge of storm water from the facility. I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gathered and evaluated the information submitted. Based upon my inquiry of the person or persons who manage the system, or those persons directly involved in gathering the information, the information submitted is to the best of my knowledge and belief true, accurate and complete. I am aware there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations."

(8) The Executive Secretary may designate small MS4's other than those described in 40 CFR 122.32(a)(1) (see also R317-8-1.10(10)) to be covered under the UPDES storm water permit program, and require a UPDES storm water permit. Designations of this kind will be based on whether a storm water discharge results in or has the potential to result in exceedances of water quality standards, including impairment of designated uses, or other significant water quality impacts, including habitat and biological impacts; and shall apply to any small MS4 located outside of an urbanized area serving a population density of at least 1,000 people per square mile and a population of at least 10,000.

(a) Criteria used in designation may include;

1. discharge(s) to sensitive waters,
2. areas with high growth or growth potential,
3. areas with a high population density,
4. areas that are contiguous to an urbanized area,
5. small MS4's that cause a significant contribution of pollutants to waters of the State,
6. small MS4's that do not have effective programs to protect water quality by other programs, or
7. other appropriate criteria.

(b) Permits for designated MS4's under this paragraph shall be under the same requirements as small MS4's designated under 40 CFR 122.32(a)(1) (see also R317-8-1.10(10)).

3.10 SILVICULTURAL ACTIVITIES

(1) Permit requirements. Silvicultural point sources, as defined in this section, are point sources subject to the UPDES permit program.

(2) Definitions.

(a) "Silvicultural point source" means any discernible, confined, and discrete conveyance related to rock crushing, gravel washing, log sorting, or log storage facilities which are operated in connection with silvicultural activities and from which pollutants are discharged into waters of the State. The term does not include non-point source silvicultural activities such as nursery operations, site preparation, reforestation and subsequent cultural treatment, thinning, prescribed burning, pest and fire control, harvesting operations, surface drainage, or road construction and maintenance from which there is natural runoff.

(b) "Rock crushing and gravel washing facilities" means facilities which process crushed and broken stone, gravel, and riprap.

(c) "Log sorting and log storage facilities" means facilities whose discharges result from the holding of unprocessed wood, for example, logs or roundwood with bark or after removal of bark held in self-contained bodies of water or stored on land where water is applied intentionally on the logs.

3.11 APPLICATION REQUIREMENTS FOR NEW AND EXISTING POTWS.

(1) The following POTWs shall provide the results of valid whole effluent biological toxicity testing to the Executive Secretary.

(a) All POTWs with design influent flows equal to or greater than one million gallons per day; and

(b) All POTWs with approved pretreatment programs or POTWs required to develop a pretreatment program;

(2) In addition to the POTWs listed in R317-8-3.11(1)(a) and (b) the Executive Secretary may require other POTWs to submit the results of toxicity tests with their permit applications, based on consideration of the following factors:

(a) The variability of the pollutants or pollutant parameters in the POTW effluent (based on chemical-specific information, the type of treatment facility, and types of industrial contributors);

(b) The dilution of the effluent in the receiving water (ratio of effluent flow to receiving stream flow);

(c) Existing controls on point or nonpoint sources, including total maximum daily load calculations for the waterbody segment and the relative contribution of the POTW;

(d) Receiving stream characteristics, including possible or known water quality impairment, and whether the POTW discharges to a water designated as an outstanding natural resource; or

(e) Other considerations (including but not limited to the history of toxic impact and compliance problems at the POTW), which the Executive Secretary determines could cause or contribute to adverse water quality impacts.

(3) For POTWs required under R317-8-3.11(1) or (2) to conduct toxicity testing. POTWs shall use EPA's methods or other established protocols which are scientifically defensible and sufficiently sensitive to detect aquatic toxicity. Such testing must have been conducted since the last UPDES permit reissuance or permit modification under R317-8-5.6(1) whichever occurred later. Prior to conducting toxicity testing, permittees shall contact the Executive Secretary regarding the testing methodology to be used.

(4) All POTWs with approved pretreatment programs shall provide to the Executive Secretary a written technical evaluation of the need to revise local limits.

3.12 PRIMARY INDUSTRY CATEGORIES. Any UPDES permit issued to dischargers in the following categories shall include effluent limitations and a compliance schedule to meet the requirements of the UPDES regulations and Sections 301(b)(2)(A),(C),(D),(E) and (F) of the CWA whether or not applicable effluent limitations guidelines have been promulgated.

(1) Adhesives and sealants
(2) Aluminum forming
(3) Auto and other laundries
(4) Battery manufacturing
(5) Coal mining
(6) Coil coating
(7) Copper forming

(8) Electrical and electronic components
(9) Electroplating
(10) Explosives manufacturing
(11) Foundries
(12) Gum and wood chemicals
(13) Inorganic chemicals manufacturing
(14) Iron and steel manufacturing
(15) Leather tanning and finishing
(16) Mechanical products manufacturing
(17) Nonferrous metals manufacturing
(18) Ore mining
(19) Organic chemicals manufacturing
(20) Paint and ink formulation
(21) Pesticides
(22) Petroleum refining
(23) Pharmaceutical preparations
(24) Photographic equipment and supplies
(25) Plastics processing
(26) Plastic and synthetic materials manufacturing
(27) Porcelain enameling
(28) Printing and publishing
(29) Pulp and paper mills
(30) Rubber processing
(31) Soap and detergent manufacturing
(32) Steam electric power plants
(33) Textile mills
(34) Timber products processing

3.13 UPDES PERMIT APPLICATION TESTING REQUIREMENTS

TABLE I
Testing Requirements for Organic Toxic Pollutants
by Industrial Category for Existing Dischargers

Industrial category	GC/MS fraction (1) Volatile	Acid	Base/	Pesticide
Adhesives and sealants	(*)	(*)	(*)	...
Aluminum Forming	(*)	(*)	(*)	...
Auto and Other Laundry	(*)	(*)	(*)	(*)
Battery Manufacturing	(*)	...	(*)	...
Coal Mining	(*)	(*)	(*)	(*)
Coil Coating	(*)	(*)	(*)	...
Copper Forming	(*)	(*)	(*)	...
Electric and Electronic Components	(*)	(*)	(*)	(*)
Electroplating	(*)	(*)	(*)	...
Explosives Manufacturing	...	(*)	(*)	...
Foundries	(*)	(*)	(*)	...
Gum and Wood Chemicals	(*)	(*)	(*)	...
Inorganic Chemicals Manufacturing	(*)	(*)	(*)	...
Iron and Steel Manufacturing	(*)	(*)	(*)	...
Leather Tanning and Finishing	(*)	(*)	(*)	(*)
Mechanical Products Manufacturing	(*)	(*)	(*)	(*)
Nonferrous Metals Manufacturing	(*)	(*)	(*)	(*)
Ore Mining	(*)	(*)	(*)	(*)
Organic Chemicals Manufacturing	(*)	(*)	(*)	(*)
Paint and Ink Formulation	(*)	(*)	(*)	(*)
Pesticides	(*)	(*)	(*)	(*)
Petroleum Refining	(*)	(*)	(*)	(*)
Pharmaceutical Preparations	(*)	(*)	(*)	(*)
Photographic Equipment and Supplies	(*)	(*)	(*)	(*)
Plastic and Synthetic Materials Manufacturing	(*)	(*)	(*)	(*)
Plastic Processing	(*)	...	...	...
Porcelain Enameling	(*)	...	(*)	(*)
Printing and Publishing	(*)	(*)	(*)	(*)
Pulp and Paper Mills	(*)	(*)	(*)	(*)
Rubber Processing	(*)	(*)	(*)	...
Soap and Detergent Manufacturing	(*)	(*)	(*)	...
Steam Electric Power Plant	(*)	(*)	(*)	...
Textile Mills	(*)	(*)	(*)	(*)
Timber Products Processing	(*)	(*)	(*)	(*)

(1) The toxic pollutants in each fraction are listed in Table II.

* Testing required.

TABLE II
Organic Toxic Pollutants in Each of Four Fractions in Analysis
by Gas Chromatography/Mass Spectroscopy (GC/MS)

(a) VOLATILES

1V acrolein
2V acrylonitrile
3V benzene
4V bis (chloromethyl) ether
5V bromoform
6V carbon tetrachloride
7V chlorobenzene
8V chlorodibromomethane
9V chloroethane
10V 2-chloroethylvinyl ether
11V chloroform
12V dichlorobromomethane
13V dichlorodifluoromethane
14V 1,1-dichloroethane
15V 1,2-dichloroethane
16V 1,1-dichloroehtylene
17V 1,2-dichloropropane
18V 1,2-dichloropropylene
19V ethylbenzene
20V metyl bromide
21V methyl chloride
22V methoylene chloride
23V 1,1,2,2-tetrachloroethane
24V tetrachloroethylene
25V toluene
26V 1,2-trans-dichloroethylene
27V 1,1,1-trichloroethane
28V 1,1,2-trichloroethane
29V trichloroethylene
30V trichlorofluoromethane
31V vinyl chloride

(b) ACID COMPOUNDS

1A 2-chlorophenol
2A 2,4-dichlorophenol
3A 2.4-dimethylphenol
4A 4,6-dinitro-o-cresol
5A 2,4-dinitrophenol
6A 2-nitrophenol
7A 4-nitrophenol
8A p-chloro-m-cresol
9A pentachlorophenol
10A phenol
11A 2,4,6-trichlorophenol

(c) BASE/NEUTRAL

1B acenaphthene
2B acenaphthylene
3B anthracene
4B benzidine
5B benzo(a)anthracene
6B benzo(a)pyrene
7B 3,4-benzofluoranthene
8B benzo(ghi)perylene
9B benzo(k)fluoranthene
10B bis(2-chloroethoxy)methane
11B bis(2-chloroethyl)ether
12B bis(2-chloroethyl)ether
13B bis(2-ethylhexyl)phthalate
14B 4-bromophenyl phenyl ether
15B butylbenzyl phthalate
16B 2-chloronaphthanlene
17B 4-chlorophenyl phenyl ether
18B chrysene
19B dibenxo(a,h)anthracene
20B 1,2-dichlorobenzen
21B 1,3-dichlorobenzene
22B 1,4-dichlorobenzene
23B 3,3-dichlorobenzidine
24B diethyl phthalate
25B dimethyl phtahalate
26B di-n-butyl phthalate
27B 2,4-dinitrotoluene
28B 2,6-dinitrotoluene
29B di-n-octyl phthalate
30B 1,2-diphenylhydrazine (as azobenzene)

31B fluoranthene
32B fluorene
33B hexachlorobenzene
34B hexachlorobutadiene
35B hexachlorocyclopentadiene
36B hexachloroethane
37B indeno(1,2,3-cd)pyrene
38B isophorone
39B naphthalene
40B nitrobenzene
41B N-nitrosodimethylamine
42B N-nitrosodi-n-propylamine
43B N-nitrosodiphenylamine
44B phenanthrene
45B pyrene
46B 1,2,4-trichlorobenzene

(d) PESTICIDES

1P aldrin
2P alpha-BHC
3P beta-BHC
4P gamma-BHC
5P delta-BHC
6P chlordane
7P 4,4'-DDT
8P 4,4'-DDE
10P dieldrin
11P alpha-endosulfan
12P beta-endosulfan
13P endosulfan sulfate
14P endrin
15P endrin aldehyde
16P heptachlor
17P heptachlor epoxide
18P PCB-1242
19P PCB-1254
20P PCB-1221
21P PCB-1232
22P PCB-1248
23P PCB-1260
24P PCB-1016
25P toxaphene

TABLE III
Other Toxic Pollutants; Metals, Cyanide, and Total Phenols

(a) Antimony, Total
(b) Arsenic, Total
(c) Beryllium, total
(d) Cadmium, Total
(e) Chromium, Total
(f) Copper, Total
(g) Lead, Total
(h) Mercury, Total
(i) Nickel, Total
(j) Selenium, Total
(k) Silver, Total
(l) Thallium, Total
(m) Zinc, Total
(n) Cyanide, Total
(o) Phenols, Total

TABLE IV
Conventional and Nonconventional Pollutants Required to be Tested
by Existing Dischargers if Expected to be Present

(a) Bromide
(b) Chlorine, Total Residual
(c) Color
(d) E. coli
(e) Fluoride
(f) Nitrate-Nitrite
(g) Nitrogen, total Organic
(h) Oil and Grease
(i) Phosphorus, Total
(j) Radioactivity
(k) Sulfate
(l) Sulfide
(m) Sulfite
(n) Surfactants
(o) Aluminum, Total
(p) Barium, Total
(q) Boron, Total
(r) Cobalt, Total
(s) Iron, Total
(t) Magnesium, Total
(u) Molybdenum, Total
(v) Manganese, Total
(w) Tin, Total
(x) Titanium, Total

TABLE V
28 Toxic Pollutants and Hazardous Substances Required
to be Identified by Existing Dischargers
if Expected to be Present

(a) Toxic Pollutants - Asbestos
(b) Hazardous Substances

1. Acetaldhyde
2. Allyl alcohol
3. Allyl chloride
4. Amyl acetate
5. Aniline
6. Benzonitrile
7. Benzyl chloride
8. Butyl acetate
9. Butylamine
10. Captan
11. Carbaryl
12. Carbofuran
13. Carbon disulfide
14. Chlorpyrifos
15. Coumaphos
16. Cresol
17. Crotonaldehyde
18. Cyclohexane
19. 2,4-D(2.4-Dichlorophenoxy acetic acid)
20. Diazinon
21. Dicamba
22. Dichlobenil
23. Dichlone
24. 2,2-Dichloropropionic acid
25. Dichlorvos
26. Diethyl amine
27. Dimethyl amine
28. Dintrobenzene
29. Diquat
30. Disulfoton
31. Diuron
32. Epichloropydrin
33. Ethanolamine
34. Ethion
35. Ethylene diamine
36. Ethylene dibromide
37. Formaldehyde
38. Furfural
39. Guthion
40. Isoprene
41. Isopropanolamine dodecylbenzenesulfonate
42. Kelthane
43. Kepone
44. Malathion
45. Mercaptodimethur
46. Methoxychlor
47. Methyl mercaptan
48. Methyl methacrylate
49. Methyl parathion
50. Mevinphos
51. Mexacarbate
52. Monoethyl amine
53. Monomethyl amine
54. Naled
55. Npathenic acid
56. Nitrotouene
57. Parathion
58. Phenolsulfanante
59. Phosgene
60. Propargite
61. Propylene oxide
62. Pyrethrins
63. Quinoline
64. Resorconol
65. Strontium
66. Strychnine
67. Styrene
68. 2,4,5-T(2,4,5-Trichlorophenoxy acetic acid)
69. TDE(Tetrachlorodiphenylethane)
70. 2,4,5-TP (2-(2,4,5 - trichlorophenoxy)propanic acid)
71. Trichlorofan
72. Triethanolamine dodecylbenzenesulfonate
73. Triethylamine
74. Trimethylamine

75. Uranium
76. Vanadium
77. Vinyl Acetate
78. Xylene
79. Xylenol
80. Zirconium

3.14 APPLICATION REQUIREMENTS OF R317-8-3.8(7)(E) SUSPENDED FOR CERTAIN CATEGORIES AND SUBCATEGORIES OF PRIMARY INDUSTRIES. The application requirements of R317-8-3.5 (7)(c) are suspended for the following categories and subcategories of the primary industries listed in R317-8-3.11:

(1) Coal mines.

(2) Testing and reporting for all four organic fractions in the Greige Mills subcategory of the Textile Mills Industry and testing and reporting for the pesticide fraction in all other subcategories of this industrial category.

(3) Testing and reporting for the volatile, base/neutral and pesticide fractions in the Base and Precious Metals Subcategory of the Ore Mining and Dressing industry, and testing and reporting for all four fractions in all other subcategories of this industrial category.

(4) Testing and reporting for all four GC/MS fractions in the Porcelain Enameling industry.

(5) Testing and reporting for the pesticide fraction in the Tall Oil Resin Subcategory and Rosin-Based Derivatives Subcategory of the Gum and Wood Chemicals industry and testing and reporting for the pesticide and base/neutral fractions in all other subcategories of this industrial category.

(6) Testing and reporting for the pesticide fraction in the Leather Tanning and Finishing, Paint and Ink Formulation, and Photographic Supplies industrial categories.

(7) Testing and reporting for the acid, base/neutral and pesticide fractions in the Petroleum Refining industrial category.

(8) Testing and reporting for the pesticide fraction in the Papergrade Sulfite subcategories of the Pulp and Paper industry; testing and reporting for the base/neutral and pesticide fractions in the following subcategories: Deink Dissolving Kraft and Paperboard from Waste Paper; testing and reporting for the volatile, base/neutral and pesticide fractions in the following subcategories: BCT Bleached Kraft, Semi-Chemical and Nonintegrated Fine Papers; and testing and reporting for the acid, base/neutral, and pesticide fractions in the following subcategories: Fine Bleached Kraft, Dissolving, Sulfite Pulp, Groundwood-Fine Papers, Market Bleached Kraft, Tissue from Wastepaper, and Nonintegrated-Tissue Papers.

(9) Testing and reporting for the base/neutral fraction in the Once-Through Cooling Water, Fly Ash and Bottom Ash Transport Water process wastestreams of the Steam Electric Power Plant industrial category.

R317-8-4. Permit Conditions.

4.1 CONDITIONS APPLICABLE TO ALL UPDES PERMITS. The following conditions apply to all UPDES permits. Additional conditions applicable to UPDES permits are in R317-8-4.1(15). All conditions applicable shall be incorporated into the permits either expressly or by reference. If incorporated by reference, a specific citation to these regulations must be given in the permit. In addition to conditions required in all UPDES permits, the Executive Secretary will establish conditions as required on a case-by-case basis under R317-8-4.2 and R317-8-5.

(1) Duty to Comply.

(a) General requirement. The permittee must comply with all conditions of the UPDES permit. Any permit noncompliance is a violation of the Utah Water Quality Act, as amended and is grounds for enforcement action; permit termination, revocation and reissuance or modification; or denial of a permit renewal application.

(b) Specific duties.

1. The permittee shall comply with effluent standards or prohibitions for toxic pollutants and with standards for sewage sludge use or disposal established by the State within the time provided in the regulations that establish these standards or prohibitions, even if the permit has not yet been modified to incorporate the requirement (40 CFR, 129).

2. The Utah Water Quality Act, in 19-5-115, provides that any person who violates the Act, or any permit, rule, or order adopted under it is subject to a civil penalty not to exceed $10,000 per day of such violation. Any person who willfully or with gross negligence violates the Act, or any permit, rule or order adopted under it is subject to a fine of not more than $25,000 per day of violation. Any person convicted under 19-5-115 a second time shall be punished by a fine not exceeding $50,000 per day.

(2) Duty to Reapply. If the permittee wishes to continue an activity regulated by this permit after the expiration date of the permit, the permittee shall apply for and obtain a new permit as required in R317-8-3.1.

(3) Need to Halt or Reduce Activity Not a Defense. It shall not be a defense for a permittee in an enforcement action that it would have been necessary to halt or reduce the permitted activity in order to maintain compliance with the conditions of this permit. (Upon reduction, loss, or failure of the treatment facility, the permittee, to the extent necessary to maintain compliance with the permit, shall control production of all discharges until the facility is restored or an alternative method of treatment is provided.)

(4) Duty to Mitigate. The permittee shall take all reasonable steps to minimize or prevent any discharge or sludge use or disposal in violation of the UPDES permit which has a reasonable likelihood of adversely affecting human health or the environment.

(5) Proper Operation and Maintenance. The permittee shall at all times properly operate and maintain all facilities and systems of treatment and control and related appurtenances which are installed or used by the permittee to achieve compliance with the conditions of the permit. Proper operation and maintenance also includes adequate laboratory controls and appropriate quality assurance procedures. This provision requires the operation of backup or auxiliary facilities or similar systems which are installed by a permittee only when the operation is necessary to achieve compliance with the conditions of the permit.

(6) Permit Actions. The permit may be modified, revoked and reissued, or terminated for cause. The filing of a request by the permittee for a permit modification, revocation and reissuance, or termination, or a notification of planned changes or anticipated noncompliance, does not stay any permit condition.

(7) Property Rights. This permit does not convey any property rights of any kind, or any exclusive privilege.

(8) Duty to Provide Information. The permittee shall furnish to the Executive Secretary, within a reasonable time, any information which the Executive Secretary may request to determine whether cause exists for modifying, revoking and reissuing, or terminating the permit or to determine compliance with this permit. The permittee shall also furnish to the Executive Secretary, upon request, copies of records required to be kept by the permit.

(9) Inspection and Entry. The permittee shall allow the Executive Secretary, or an authorized representative, including an authorized contractor acting as a representative of the Executive Secretary) upon the presentation of credentials and other documents as may be required by law to:

(a) Enter upon the permittee's premises where a regulated facility or activity is located or conducted, or where records must be kept under the conditions of the permit;

(b) Have access to and copy, at reasonable times, any

records that must be kept under the conditions of the permit;

(c) Inspect at reasonable times any facilities, equipment, including monitoring and control equipment, practices or operations regulated or required under the permit; and

(d) Sample or monitor at reasonable times for the purposes of assuring UPDES program compliance or as otherwise authorized by the Utah Water Quality Act any substances or parameters, or practices at any location.

(10) Monitoring and records.

(a) Samples and measurements taken for the purpose of monitoring shall be representative of the monitored activity.

(b) The permittee shall retain records of all monitoring information, including all calibration and maintenance records and all original strip chart recordings for continuous monitoring instrumentation, copies of all reports required by the permit, and records of all data used to complete the application for the permit for a period of at least three (3) years from the date of the sample, measurement, report or application. This period may be extended by request of the Executive Secretary at any time. Records of monitoring information required by this permit related to the permittee's sewage sludge use and disposal activities, shall be retained for a period of at least five years or longer as required by State promulgated standards for sewage sludge use and disposal.

(c) Records of monitoring information shall include:

1. The date, exact place, and time of sampling or measurements;

2. The individual(s) who performed the sampling or measurements;

3. The date(s) and times analyses were performed;

4. The individual(s) who performed the analyses;

5. The analytical techniques or methods used; and

6. The results of such analyses.

(d) Monitoring shall be conducted according to test procedures approved under 40 CFR 136 or in the case of sludge use or disposal, approved under 40 CFR 136 unless otherwise specified in State standards for sludge use or disposal, unless other test procedures, approved by EPA under 40 CFR 136, have been specified in the permit.

(e) Section 19-5-115(3) of the Utah Water Quality Act provides that any person who falsifies, tampers with, or knowingly renders inaccurate any monitoring device or method required to be maintained under the permit shall, upon conviction, be punished by a fine not exceeding $10,000 or imprisonment for not more than six months or by both.

(11) Signatory Requirement. All applications, reports, or information submitted to the Executive Secretary shall be signed and certified as indicated in R317-8-3.4. The Utah Water Quality Act provides that any person who knowingly makes any false statements, representations, or certifications in any record or other document submitted or required to be maintained under the permit, including monitoring reports or reports of compliance or non-compliance shall, upon conviction, be punished by a fine of not more than $10,000 or by imprisonment for not more than six months or by both.

(12) Reporting Requirements.

(a) Planned changes. The permittee shall give notice to the Executive Secretary as soon as possible of any planned physical alteration or additions to the permitted facility. Notice is required only when:

1. The alteration or addition to a permitted facility may meet one of the criteria for determining whether a facility is a new source in R317-8-8; or

2. The alteration or addition could significantly change the nature or increase the quantity of pollutants discharged. This notification applies to pollutants which are subject neither to effluent limitations in the permit nor to notification requirements under R317-8-4.1(15).

3. The alteration or addition results in a significant change in the permittee's sludge use or disposal practices, and such alteration, addition, or change may justify the application of permit conditions that are different from or absent in the existing permit, including notification of additional use or disposal sites not reported during the permit application process or not reported pursuant to an approved land application plan.

(b) Anticipated Noncompliance. The permittee shall give advance notice to the Executive Secretary of any planned changes in the permitted facility or activity which may result in noncompliance with permit requirements.

(c) Transfers. The permit is not transferable to any person except after notice to the Executive Secretary. The Executive Secretary may require modification on and reissuance of the permit to change the name of the permittee and incorporate such other requirements as may be necessary under the Utah Water Quality Act, as amended. (In some cases, modification, revocation and reissuance is mandatory.)

(d) Monitoring reports. Monitoring results shall be reported at the intervals specified elsewhere in the permit. Monitoring results shall be reported as follows:

1. Monitoring results must be reported on a Discharge Monitoring Report (DMR) or forms provided or specified by the Executive Secretary for reporting results of monitoring of sludge use or disposal practices. Monitoring results may also be submitted electronically to the EPA's NetDMR program, if a Subscriber Agreement is in place. See Utah Admin. Code R317-1-9.

2. If the permittee monitors any pollutant more frequently than required by the permit, using test procedures approved under 40 CFR 136 or the in the case of sludge use or disposal, approved under 40 CFR 136 unless otherwise specified in State standards for sludge use and disposal, or as specified in the permit according to procedures approved by EPA, the results of this monitoring shall be included in the calculation and reporting of the data submitted in the DMR or sludge reporting form specified by the Executive Secretary.

3. Calculations for all limitations which require averaging of measurements shall utilize an arithmetic mean unless otherwise specified in the permit.

(e) Compliance Schedules. Reports of compliance or noncompliance with, or any progress report on, interim and final requirements contained in any compliance schedule of the permit shall be submitted no later than fourteen days following each scheduled date.

(f) Twenty-Four Hour Reporting. The permittee shall (orally) report any noncompliance which may endanger health or the environment. Any information shall be provided orally within twenty-four hours from the time the permittee becomes aware of the circumstances. (The report shall be in addition to and not in lieu of any other reporting requirement applicable to the noncompliance.) A written submission shall also be provided within five days of the time the permittee becomes aware of the circumstances. The written submission shall contain a description of the noncompliance and its cause; the period of noncompliance, including exact dates and times, and if the noncompliance has not been corrected, the anticipated time it is expected to continue; and steps taken or planned to reduce, eliminate, and prevent recurrence of the noncompliance. (The Executive Secretary may waive the written report on a case-by-case basis if the oral report has been received within twenty-four hours.) The following shall be included as events which must be reported within twenty-four hours:

1. Any unanticipated bypass which exceeds any effluent limitation in the permit, as indicated in R317-8-4.1(13).

2. Any upset which exceeds any effluent limitation in the permit.

3. Violation of a maximum daily discharge limitation for any of the pollutants listed by the Executive Secretary in the permit to be reported within twenty-four hours, as indicated in

R317-8-4.2(7). The Executive Secretary may waive the written report on a case-by-case basis if the oral report has been received within 24 hours.

(g) Other NonCompliance. The permittee shall report all instances of noncompliance not reported under R317-8-4.1(12)(d), (e), and (f) at the time monitoring reports are submitted. The reports shall contain the information listed in R317-8-4.1(12)(f).

(h) Other Information. Where the permittee becomes aware that it failed to submit any relevant fact in a permit application, or submitted incorrect information in its permit application or in any report to the Executive Secretary, it shall promptly submit such facts or information.

(13) Occurrence of a Bypass.

(a) Definitions.

1. "Bypass" means the intentional diversion of waste streams from any portion of a treatment facility.

2. "Severe property damage" means substantial physical damage to property, damage to the treatment facilities which causes them to become inoperable, or substantial and permanent loss of natural resources which can reasonably be expected to occur in the absence of a bypass. Severe property damage does not mean economic loss caused by delays in production.

(b) Bypass Not Exceeding Limitations. The permittee may allow any bypass to occur which does not cause effluent limitations to be exceeded, but only if it also is for essential maintenance to assure efficient operation. These bypasses are not subject to R317-8-4.1(13)(c) or (d).

(c) Prohibition of Bypass.

1. Bypass is prohibited, and the Executive Secretary may take enforcement action against a permittee for bypass, unless:

a. Bypass was unavoidable to prevent loss of human life, personal injury, or severe property damage;

b. There were no feasible alternatives to the bypass, such as the use of auxiliary treatment facilities, retention of untreated wastes, or maintenance during normal periods of equipment downtime. This condition is not satisfied if adequate backup equipment should have been installed in the exercise of reasonable engineering judgement to prevent a bypass which occurred during normal periods of equipment downtime or preventive maintenance, and

c. The permittee submitted notices as required under R317-8-4.1(13)(d).

2. The Executive Secretary may approve an anticipated bypass, after considering its adverse effects, if the Executive Secretary determines that it will meet the three conditions listed in R317-8-4.1(13)(c) a, b, and c.

(d) Notice.

1. Anticipated bypass. Except as provided in R317-8-4.1(13)(b) and R317-8-4.1(13)(d)2, if the permittee knows in advance of the need for a bypass, it shall submit prior notice, at least 90 days before the date of bypass. The prior notice shall include the following unless otherwise waived by the Executive Secretary:

a. Evaluation of alternatives to the bypass, including cost-benefit analysis containing an assessment of anticipated resource damages;

b. A specific bypass plan describing the work to be performed including scheduled dates and times. The permittee must notify the Executive Secretary in advance of any changes to the bypass schedule;

c. Description of specific measures to be taken to minimize environmental and public health impacts;

d. A notification plan sufficient to alert all downstream users, the public and others reasonably expected to be impacted by the bypass;

e. A water quality assessment plan to include sufficient monitoring of the receiving water before, during and following the bypass to enable evaluation of public health risks and environmental impacts; and

f. Any additional information requested by the Executive Secretary.

2. Emergency Bypass. Where ninety days advance notice is not possible, the permittee must notify the Executive Secretary, and the Director of the Department of Natural Resources, as soon as it becomes aware of the need to bypass and provide to the Executive Secretary the information in R317-8-4.1(13)(d)1.a. through f. to the extent practicable.

3. Unanticipated bypass. The permittee shall submit notice of an unanticipated bypass to the Executive Secretary as required in R317-8-4.1(12)(f). The permittee shall also immediately notify the Director of the Department of Natural Resources , the public and downstream users and shall implement measures to minimize impacts to public health and the environment to the extent practicable.

(14) Occurrence of an Upset.

(a) Definition. "Upset" means an exceptional incident in which there is unintentional and temporary noncompliance with technology-based permit effluent limitations because of factors beyond the reasonable control of the permittee. An upset does not include noncompliance to the extent caused by operational error, improperly designed treatment facilities, inadequate treatment facilities, lack of preventive maintenance, or careless or improper operation.

(b) Effect of an Upset. An upset constitutes an affirmative defense to an action brought for noncompliance with such technology-based permit effluent limitations if the requirements of R317-8-4.1(14)(c) are met. No determination made during administrative review of claims that noncompliance was caused by upset, and before an action for noncompliance, if final administrative action subject to judicial review.

(c) Conditions Necessary for a Demonstration of Upset. A permittee who wishes to establish the affirmative defense of upset shall demonstrate through properly signed, contemporaneous operating logs, or other relevant evidence that:

1. An upset occurred and that the permittee can identify the specific cause(s) of the upset;

2. The permitted facility was at the time being properly operated; and

3. The permittee submitted notice of the upset as required in R317-8-4.1(12)(f) (twenty-four hour notice).

4. The permittee complied with any remedial measures required under R317-8-4.1(4).

(d) Burden of Proof. In any enforcement proceeding the permittee seeking to establish the occurrence of an upset has the burden of proof.

(15) Additional Conditions Applicable to Specified Categories of UPDES Permits. The following conditions, in addition to others set forth in these regulations apply to all UPDES permits within the categories specified below:

(a) Existing Manufacturing, Commercial, Mining, and Silvicultural Dischargers. In addition to the reporting requirements under R317-8-4.1(12),(13), and (14), any existing manufacturing, commercial, mining, and silvicultural discharger shall notify the Executive Secretary as soon as it knows or has reason to believe:

1. That any activity has occurred or will occur which would result in the discharge, on a routine or frequent basis, of any toxic pollutant which is not limited in the permit, if that discharge will exceed the highest of the following "notification levels":

a. One hundred micrograms per liter (100 ug/l);

b. Two hundred micrograms per liter (200 ug/l) for acrolein and acrylonitrile; five hundred micrograms per liter (500 ug/l) for 2,4 dinitrophenol and for 2-methyl-4,6-dinitrophenol; and one milligram per liter (1 mg/l) for antimony;

c. Five times the maximum concentration value reported

for that pollutant in the permit application in accordance with R317-8-3.5(7) or (10).

d. The level established by the Executive Secretary in accordance with R317-8-4.2(6).

2. That any activity has occurred or will occur which would result in any discharge on a non-routine or infrequent basis of a toxic pollutant which is not limited in the permit, if that discharge will exceed the highest of the following "notification levels":

a. Five hundred micrograms per liter (500 ug/l).

b. One milligram per liter (1 mg/l) for antimony.

c. Ten times the maximum concentration value reported for that pollutant in the permit application in accordance with R317-8-3.5(9).

d. The level established by the Executive Secretary in accordance with R317-8-4.2(6).

(b) POTWs. POTWs shall provide adequate notice to the Executive Secretary of the following:

1. Any new introduction of pollutants into that POTW from an indirect discharger which would be subject to the UPDES regulations if it were directly discharging those pollutants; and

2. Any substantial change in the volume or character of pollutants being introduced into that POTW by a source introducing pollutants into the POTW at the time of issuance of the permit.

3. For purposes of this paragraph, adequate notice shall include information on the quality and quantity of effluent introduced into the POTW; and any anticipated impact of the change on the quantity or quality of effluent to be discharged from the POTW.

(c) Municipal separate storm sewer systems. The operator of a large or medium municipal separate storm sewer system or a municipal separate storm sewer that has been determined by the Executive Secretary under R317-8-3.9(1)(a)5 of this part must submit an annual report by the anniversary of the date of the issuance of the permit for such system. The report shall include:

1. The status of implementing the components of the storm water management program that are established as permit conditions;

2. Proposed changes to the storm water management programs that are established as permit conditions. Such proposed changes shall be consistent with R317-8-3.9(3)(b)3; and

3. Revisions, if necessary, to the assessment of controls and the fiscal analysis reported in the permit application under R317-8-3.9(3)(b)4 and 3.9(3)(b)5;

4. A summary of data, including monitoring data, that is accumulated throughout the reporting year;

5. Annual expenditures and budget for year following each annual report;

6. A summary describing the number and nature of enforcement actions, inspections, and public education programs;

7. Identification of water quality improvements or degradation.

(d) Concentrated animal feeding operations (CAFOs). Any permit issued to a CAFO must include:

1. Requirements to develop and implement a Comprehensive Nutrient Management Plan (CNMP). At a minimum, a CNMP must include best management practices and procedures necessary to implement applicable effluent limitations and standards. Operations defined as CAFOs before (insert rule effective date here) and permitted prior to December 31, 2006 must have their CNMPs developed and implemented by December 31, 2006. CAFOs that seek to obtain coverage under a permit after December 31, 2006 and all operations defined as CAFOs after (insert rule effective date here) must have a CNMP developed and implemented upon the date of permit coverage. The CNMP must, to the extent applicable:

a. Ensure adequate storage of manure, litter, and process wastewater, including procedures to ensure proper operation and maintenance of the storage facilities;

b. Ensure proper management of mortalities (i.e., dead animals) to ensure that they are not disposed of in a liquid manure, storm water, or process wastewater storage or treatment system that is not specifically designed to treat animal mortalities;

c. Ensure that clean water is diverted, as appropriate, from the production area;

d. Prevent direct contact of confined animals with waters of the United States;

e. Ensure that chemicals and other contaminants handled on-site are not disposed of in any manure, litter, process wastewater, or storm water storage or treatment system unless specifically designed to treat such chemicals and other contaminants;

f. Identify appropriate site specific conservation practices to be implemented, including as appropriate buffers or equivalent practices, to control runoff of pollutants to waters of the United States;

g. Identify protocols for appropriate testing of manure, litter, process wastewater, and soil;

h. Establish protocols to land apply manure, litter or process wastewater in accordance with site specific nutrient management practices that ensure appropriate agricultural utilization of the nutrients in the manure, litter or process wastewater;

i. Identify specific records that will be maintained to document the implementation and management of the minimum elements described in paragraphs (d)(1)a. through (d)(1)h. of this section; and

j. Include documentation that the CNMP was prepared or approved by a certified nutrient management planner.

2. Recordkeeping requirements.

a. The permittee must create, maintain for five years, and make available to the Director, upon request, the following records:

(i) All applicable records identified pursuant paragraph (d)(1)i. of this section;

(ii) In addition, all CAFOs subject to 40 CFR part 412 must comply with record keeping requirements as specified in 40 CFR 412.37(b) and (c) and 40 CFR 412.47(b) and (c).

b. A copy of the CAFO's site-specific CNMP must be maintained on site and made available to the Director upon request.

3. Requirements relating to transfer of manure or process wastewater to other persons. Prior to transferring manure, litter or process wastewater to other persons, Large CAFOs must provide the recipient of the manure, litter or process wastewater with the most current nutrient analysis. The analysis provided must be consistent with the requirements of 40 CFR part 412. Large CAFOs must retain for five years records of the date, recipient name and address, and approximate amount of manure, litter or process wastewater transferred to another person.

4. Annual reporting requirements for CAFOs. The permittee must submit an annual report to the Director. The annual report must include:

a. The number and type of animals, whether in open confinement or housed under roof (beef cattle, broilers, layers, swine weighing 55 pounds or more, swine weighing less than 55 pounds, mature dairy cows, dairy heifers, veal calves, sheep and lambs, horses, ducks, turkeys, other);

b. Estimated amount of total manure, litter and process wastewater generated by the CAFO in the previous 12 months (tons/gallons);

c. Estimated amount of total manure, litter and process

wastewater transferred to other person by the CAFO in the previous 12 months (tons/ gallons);

d. Total number of acres for land application covered by the CNMP developed in accordance with paragraph (d)(1) of this section;

e. Total number of acres under control of the CAFO that were used for land application of manure, litter and process wastewater in the previous 12 months;

f. Summary of all manure, litter and process wastewater discharges from the production area that have occurred in the previous 12 months, including date, time, and approximate volume; and

g. A statement that the current version of the CAFO's CNMP was developed or approved by a certified nutrient management planner.

4.2 ESTABLISHING PERMIT CONDITIONS. For the purposes of this section, permit conditions include any statutory or regulatory requirement which takes effect prior to the final administrative disposition of a permit. An applicable requirement may be any requirement which takes effect prior to the modification or revocation or reissuance of a permit, to the extent allowed in R317-8-5.6. New or reissued permits, and to the extent allowed under R317-8-5.6, modified or revoked and reissued permits shall incorporate each of the applicable requirements referenced in this section. In addition to the conditions established under R317-8-4.1 each UPDES permit will include conditions on a case by case basis to provide for and ensure compliance with all applicable Utah statutory and regulatory requirements and the following, as applicable:

(1) Technology-based effluent limitations and standards, based on effluent limitations and standards promulgated under Section 19-5-104 of the Utah Water Quality Act or new source performance standards promulgated under Section 19-5-104 of the Utah Water Quality Act, on case-by-case effluent limitations, or a combination of the two in accordance with R317-8-7.1.

(2) Toxic Effluent Standards and Other Effluent Limitations. If any applicable toxic effluent standard or prohibition, including any schedule of compliance specified in such effluent standard or prohibition, is promulgated under Section 307(a) of CWA for a toxic pollutant and that standard or prohibition is more stringent than any limitation on the pollutant in the permit, the Executive Secretary shall institute proceedings under these regulations to modify or revoke and reissue the permit to conform to the toxic effluent standard or prohibition.

(3) Reopener Clause. For any discharger within a primary industry category, as listed in R317-8-3.11, requirements will be incorporated as follows:

(a) On or before June 30, 1981:

1. If applicable standards or limitations have not yet been promulgated, the permit shall include a condition stating that, if an applicable standard or limitation is promulgated and that effluent standard or limitation is more stringent than any effluent limitation in the permit or controls a pollutant not limited in the permit, the permit shall be promptly modified or revoked and reissued to conform to that effluent standard or limitation.

2. If applicable standards or limitations have been promulgated or approved, the permit shall include those standards or limitations.

(b) On or after the statutory deadline set forth in Section 301(b)(2) (A), (C), and (E) of CWA, any permit issued shall include effluent limitations to meet the requirements of Section 301(b)(2) (A), (C), (D), (E), (F), whether or not applicable effluent limitations guidelines have been promulgated or approved. These permits need not incorporate the clause required by R317-8-4.2(3)(a)1.

(c) The Executive Secretary shall promptly modify or revoke and reissue any permit containing the clause required under R317-8-4.2(3)(a)1 to incorporate an applicable effluent standard or limitation which is promulgated or approved after the permit is issued if that effluent standard or limitation is more stringent than any effluent limitation in the permit, or controls a pollutant not limited in the permit.

(d) For any permit issued to a treatment works treating domestic sewage (including sludge-only facilities), the Executive Secretary shall include a reopener clause to incorporate any applicable standard for sewage sludge use or disposal adopted by the State. The Executive Secretary may promptly modify or revoke and reissue any permit containing the reopener clause required by this paragraph if the standard for sewage sludge use or disposal is more stringent than any requirements for sludge use or disposal in the permit, or controls a pollutant or practice not limited in the permit.

(4) Water quality standards and state requirements shall be included as applicable. Any requirements in addition to or more stringent than EPA's effluent limitation guidelines or standards will be included, when necessary to:

(a) Achieve water quality standards established under the Utah Water Quality Act, as amended and regulations promulgated pursuant thereto, including State narrative criteria for water quality.

1. Permit limitations must control all pollutants or pollutant parameters (either conventional, nonconventional, or toxic pollutants) which the Executive Secretary determines are or may be discharged at a level which will cause, have the reasonable potential to cause, or contribute to an excursion above any State water quality standard, including State narrative criteria for water quality.

2. When determining whether a discharge causes, has the reasonable potential to cause, or contributes to an in-stream excursion above a narrative or numeric criteria within a State water quality standard, the Executive Secretary shall use procedures which account for existing controls on point and nonpoint sources of pollution, the variability of the pollutant or pollutant parameter in the effluent, the sensitivity of the species to toxicity testing (when evaluating whole effluent toxicity), and where appropriate, the dilution of the effluent in the receiving water.

3. When the Executive Secretary determines, using the procedures in R317-8-4.2(4)(2), that a discharge causes, has the reasonable potential to cause, or contributes to an in-stream excursion above the allowable ambient concentration of a State numeric criteria within a State water quality standard for an individual pollutant, the permit must contain effluent limits for that pollutant.

4. When the Executive Secretary determines, using the procedures in R317-8-4.2(4)(2), that a discharge causes, has the reasonable potential to cause, or contributes to an in-stream excursion above the numeric criterion for whole effluent toxicity, the permit will contain effluent limits for whole effluent toxicity.

5. Except as provided in R317-8-4.2, when the Executive Secretary determines, using the procedures in R317-8-4.2(4)(2), toxicity testing data, or other information, that a discharge causes, has the reasonable potential to cause, or contributes to an in-stream excursion above a narrative criterion within an applicable State water quality standard, the permit will contain effluent limits for whole effluent toxicity. Limits on whole effluent toxicity are not necessary where the Executive Secretary determines in the fact sheet or statement of basis of the UPDES permit, using the procedures in R317-8-4.2(4)(2), that chemical specific limits for effluent are sufficient to attain and maintain applicable numeric and narrative State water quality standards.

6. Where the State has not established a water quality criterion for a specific chemical pollutant that is present in an effluent at a concentration that causes, has the reasonable potential to cause, or contributes to an excursion above a narrative criterion within an applicable State water quality

standard the Executive Secretary will establish effluent limits using one or more of the following options:

a. Establish effluent limits using a calculated numeric water quality criterion for the pollutant which the Executive Secretary determines will attain and maintain applicable narrative water quality criteria and will fully protect the designated use. Such a criterion may be derived using a proposed State criterion, or an explicit State policy or regulation interpreting its narrative water quality criteria supplemented with other relevant information which may include: EPA's Water Quality Standards Handbook, October 1983, risk assessment data, exposure data, information about the pollutant from the Food and Drug Administration, and current EPA criteria documents:

b. Establish effluent limits on a case-by-case basis, using EPA's water quality criteria, published under section 307(a) of the CWA, supplemented where necessary by other relevant information; or

c. Establish effluent limitations on an indicator parameter for the pollutant of concern, provided:

(i) The permit identifies which pollutants are intended to be controlled by the use of the effluent limitations;

(ii) The fact sheet as required by .4 sets forth the basis for the limit, including a finding that compliance with the effluent limit on the indicator parameter will result in controls on the pollutant of concern which are sufficient to attain and maintain applicable water quality standards;

(iii) The permit requires all effluent and ambient monitoring necessary to show that during the term of the permit the limit on the indicator parameter continues to attain and maintain applicable water quality standards; and

(iv) The permit contains a reopener clause allowing the Executive Secretary to modify or revoke and reissue the permit if the limits on the indicator parameter no longer attain and maintain applicable water quality standards.

7. When developing water quality-based effluent limits under this paragraph the Executive Secretary shall ensure that:

a. The level of water quality to be achieved by limits on point sources established under this paragraph is derived from, and complies with all applicable water quality standards; and

b. Effluent limits developed to protect a narrative water quality criterion, a numeric water quality criterion, or both, are consistent with the assumptions and requirements of any available wasteload allocation for the discharge prepared by the State and approved by EPA pursuant to 40 CFR 130.7.

(b) Attain or maintain a specified water quality through water quality related effluent limits established under the Utah Water Quality Act;

(c) Conform to applicable water quality requirements when the discharge affects a state other than Utah;

(d) Incorporate any more stringent limitations, treatment standards, or schedule of compliance requirements established under federal or state law or regulations.

(e) Ensure consistency with the requirements of any Utah Water Quality Management Plan approved by EPA.

(f) Incorporate alternative effluent limitations or standards where warranted by "fundamentally different factors," under R317-8-7.3.

(5) Technology-based Controls for Toxic Pollutants. Limitations established under R317-8-4.2 (1), (2), or (4) to control pollutants meeting the criteria listed in R317-8-4.2(5)(a) will be included in the permit, if applicable. Limitations will be established in accordance with R317-8-4.2(5)(6). An explanation of the development of these limitations will be included in the fact sheet under R317-8-6.4.

(a) Limitations will control all toxic pollutants which:

1. The Executive Secretary determines, based on information reported in a permit application under R317-8-3.5(7) and (10), or in a notification under R317-8-4.1(15)(a) of this regulation or on other information, are or may be discharged at a level greater than the level which can be achieved by the technology-based treatment requirements appropriate to the permittee under R317-8-7.1(3)(a),(b) and (c).

2. The discharger does or may use or manufacture as an intermediate or final product or byproduct.

(b) The requirement that the limitations control the pollutants meeting the criteria of paragraph (a) of this subsection will be satisfied by:

1. Limitations on those pollutants; or

2. Limitations on other pollutants which, in the judgment of the Executive Secretary, will provide treatment of the pollutants under paragraph (a) of this subsection to the levels required by R317-8-7.1(3)(a), (b) and (c).

(6) Notification Level. A "notification level" which exceeds the notification level of R317-8-4.1(15) upon a petition from the permittee or on the Executive Secretary's initiative will be incorporated as a permit condition, if applicable. This new notification level may not exceed the level which can be achieved by the technology-based treatment requirements appropriate to the permittee under R317-8-7.1(3).

(7) Twenty-Four (24) Hour Reporting. Pollutants for which the permittee will report violations of maximum daily discharge limitations under R317-8-4.1(12)(f) shall be listed in the permit. This list will include any toxic pollutant or hazardous substance, or any pollutant specifically identified as the method to control a toxic pollutant or hazardous substance.

(8) Monitoring Requirements. The permit will incorporate, as applicable in addition to R317-8-4.1(12) the following monitoring requirements:

(a) To assure compliance with permit limitations, requirements to monitor;

1. The mass, or other measurement specified in the permit, for each pollutant limited in the permit;

2. The volume of effluent discharged from each outfall;

3. Other measurements as appropriate, including pollutants in internal waste streams under R317-8-4.3(8); pollutants in intake water for net limitations under R317-8-4.3(7); frequency and rate of discharge for noncontinuous discharges under R317-8-4.3(5); pollutants subject to notification requirements under R317-8-4.1(15)(a); and pollutants in sewage sludge or other monitoring as specified in State rules for sludge use or disposal or as determined to be necessary pursuant to R317-8-2.1.

4. According to test procedures approved under 40 CFR Part 136 for the analyses of pollutants having approved methods under the federal regulation, and according to a test procedure specified in the permit for pollutants with no approved methods.

(b) Except as provided in paragraphs (8)(d) and (8)(e) of this section, requirements to report monitoring results shall be established on a case-by-case basis with a frequency dependent on the nature and effect of the sewage sludge use or disposal practice; minimally this shall be a specified in R317-8-1.10(8) (where applicable), but in no case less than once a year.

(c) Requirements to report monitoring results for storm water discharges associated with industrial activity which are subject to an effluent limitation guideline shall be established on a case-by-case basis with a frequency dependent on the nature and effect of the discharge, but in no case less than once a year.

(d) Requirements to report monitoring results for storm water discharges associated with industrial activity (other than those addressed in paragraph (c)above) shall be established on a case-by-case basis with a frequency dependent on the nature and effect of the discharge. At a minimum, a permit for such a discharge must require;

1. The discharger to conduct an annual inspection of the facility site to identify areas contributing to a storm water discharge associated with industrial activity and evaluate whether measures to reduce pollutant loadings identified in a storm water pollution prevention plan are adequate and properly

implemented in accordance with the terms of the permit or whether additional control measures are needed;

2. The discharger to maintain for a period of three years a record summarizing the results of the inspection and a certification that the facility is in compliance with the plan and the permit, and identifying any incidents of non-compliance;

3. Such report and certification be signed in accordance with R317-8-3.4; and

4. Permits for storm water discharges associated with industrial activity from inactivite mining operations may, where annual inspections are impracticable, require certification once every three years by a Registered Professional Engineer that the facility is in compliance with the permit, or alternative requirements.

(e) Permits which do not require the submittal of monitoring result reports at least annually shall require that the permittee report all instances of noncompliance not reported under R317-8-4.1(12)(a),(d),(e), and (f) at least annually.

(9) Pretreatment Program for POTWs. If applicable to the facility the permit will incorporate as a permit condition, requirements for POTWs to:

(a) Identify, in terms of character and volume of pollutants, any significant indirect dischargers into the POTW subject to pretreatment standards under the UPDES regulations.

(b) Submit a local program when required by and in accordance with R317-8-8.10 to assure compliance with pretreatment standards to the extent applicable in the UPDES regulations. The local program will be incorporated into the permit as described in R317-8-8.10. The program shall require all indirect dischargers to the POTW to comply with the applicable reporting requirements.

(c) For POTWs which are "sludge-only facilities", a requirement to develop a pretreatment program under R317-8-8 when the Executive Secretary determines that a pretreatment program is necessary to assure compliance with State rules governing sludge use or disposal.

(10) Best management practices shall be included as a permit condition, as applicable, to control or abate the discharge of pollutants when:

(a) Authorized under the Utah Water Quality Act as amended and the UPDES rule for the control of toxic pollutants and hazardous substances from ancillary activities;

(b) Numeric effluent limitations are infeasible, or

(c) The practices are reasonably necessary to achieve effluent limitations and standards or to carry out the purposes and intent of the Utah Water Quality Act, as amended.

(11) Reissued Permits.

(a) Except as provided in R317-8-4.2(11)(b), when a permit is renewed or reissued, interim limitations, standards or conditions must be at least as stringent as the final limitations, standards, or conditions in the previous permit unless the circumstances on which the previous permit was based have materially and substantially changed since the time the permit was issued and would constitute cause for permit modification or revocation and reissuance under R317-8-5.6.

(b) In the case of effluent limitations established on the basis of Section 19-5-104 of the Utah Water Quality Act, a permit may not be renewed, reissued, or modified on the basis of effluent guidelines promulgated by EPA under section 304(b) of the CWA subsequent to the original issuance of such permit, to contain effluent limitations which are less stringent than the comparable effluent limitations in the previous permit.

(c) Exceptions--A permit with respect to which R317-8-4.2(11)(b) applies may be renewed, reissued or modified to contain a less stringent effluent limitation applicable to a pollutant, if--

1. Material and substantial alterations or additions to the permitted facility occurred after permit issuance which justify the application of a less stringent effluent limitation; and

2. a. Information is available which was not available at the time of permit issuance (other than revised regulations, guidance, or test methods) which would have justified the application of a less stringent effluent limitation at the time of permit issuance; or

b. The Executive Secretary determines that technical mistakes or mistaken interpretations of law were made in issuing the permit;

3. A less stringent effluent limitation is necessary because of events over which the permittee has no control and for which there is no reasonably available remedy;

4. The permittee has received a permit modification under R317-8-5.6; or

5. The permittee has installed the treatment facilities required to meet the effluent limitations in the previous permit and has properly operated and maintained the facilities but has nevertheless been unable to achieve the previous effluent limitations, in which case the limitations in the reviewed, reissued, or modified permit may reflect the level of pollutant control actually achieved (but shall not be less stringent than required by effluent guidelines in effect at the time of permit renewal, reissuance, or modification).

(d). Limitations. In no event may a permit with respect to which R317-8-4.2(11)(b) applies be renewed, reissued or modified to contain an effluent limitation which is less stringent than required by effluent guidelines in effect at the time the permit is renewed, reissued, or modified. In no event may such a permit to discharge into waters be renewed, issued, or modified to contain a less stringent effluent limitation if the implementation of such limitation would result in a violation of the water quality standard applicable to such waters.

(12) Privately Owned Treatment Works. For a privately owned treatment works, any conditions expressly applicable to any user, as a limited co-permittee, that may be necessary in the permit issued to the treatment works to ensure compliance with applicable requirements under this regulation will be imposed as applicable. Alternatively, the Executive Secretary may issue separate permits to the treatment works and to its users, or may require a separate permit application from any user. The Executive Secretary's decision to issue a permit with no conditions applicable to any user, to impose conditions on one or more users, to issue separate permits or to require separate applications, and the basis for that decision will be stated in the fact sheet for the draft permit for the treatment works.

(13) Grants. Any conditions imposed in grants or loans made by the Executive Secretary to POTWs which are reasonably necessary for the achievement of federally issued effluent limitations will be required as applicable.

(14) Sewage Sludge. Requirements governing the disposal of sewage sludge from publicly owned treatment works or any other treatment works treating domestic sewage for any use for which rules have been established, in accordance with any applicable regulations.

(15) Coast Guard. When a permit is issued to a facility that may operate at certain times as a means of transportation over water, the permit will be conditioned to require that the discharge comply with any applicable federal regulation promulgated by the Secretary of the department in which the Coast Guard is operating, and such condition will establish specifications for safe transportation, handling, carriage, and storage of pollutants, if applicable.

(16) Navigation. Any conditions that the Secretary of the Army considers necessary to ensure that navigation and anchorage will not be substantially impaired, in accordance with R317-8-6.9 will be included.

(17) State standards for sewage sludge use or disposal. When there are no applicable standards for sewage sludge use or disposal, the permit may include requirements developed on a case-by-case basis to protect public health and the

environment from any adverse effects which may occur from toxic pollutants in sewage sludge. If any applicable standard for sewage sludge use or disposal is promulgated under Section 19-5-104 of the Utah Water Quality Act, and that standard is more stringent than any limitation on the pollutant or practice in the permit, the Executive Secretary may initiate proceedings under these rules to modify or revoke and reissue the permit to conform to the standard for sewage sludge use or disposal.

(18) Qualifying State or local programs.

(a) For storm water discharges associated with small construction activity identified in R317-8-3.9(6)(e), the Executive Secretary may include permit conditions that incorporate qualifying State or local erosion and sediment control program requirements by reference. Where a qualifying State or local program does not include one or more of the elements in this paragraph then the Executive Secretary must include those elements as conditions in the permit. A qualifying State or local erosion and sediment control program is one that includes:

1. Requirements for construction site operators to implement appropriate erosion and sediment control best management practices;

2. Requirements for construction site operators to control waste such as discarded building materials, concrete truck washout, chemicals, litter, and sanitary waste at the construction site that may cause adverse impacts to water quality;

3. Requirements for construction site operators to develop and implement a storm water pollution prevention plan. (A storm water pollution prevention plan includes site descriptions of appropriate control measures, copies of approved State, local requirements, maintenance procedures, inspections procedures, and identification of non-storm water discharges); and

4. Requirements to submit a site plan for review that incorporates consideration of potential water quality impacts.

(b) For storm water discharges from construction activity identified in R317-8-3.9(6)(d)10., the Executive Secretary may include permit conditions that incorporate qualifying State or local erosion and sediment control program requirements by reference. A qualifying State or local erosion and sediment control program is one that includes the elements listed in paragraph (18)(a) of this section and any additional requirements necessary to achieve the applicable technology-based standards of "best available technology" and "best conventional technology" based on the best professional judgment of the permit writer.

4.3 CALCULATING UPDES PERMIT CONDITIONS. The following provisions will be used to calculate terms and conditions of the UPDES permit.

(1) Outfalls and Discharge Points. All permit effluent limitations, standards, and prohibitions will be established for each outfall or discharge point of the permitted facility, except as otherwise provided under R317-8-4.2(10) with BMPs where limitations are infeasible; and under R317-8-4.3(8), limitations on internal waste streams.

(2) Production-Based Limitations.

(a) In the case of POTWs, permit effluent limitations, standards, or prohibitions will be calculated based on design flow.

(b) Except in the case of POTWs, calculation of any permit limitations, standards, or prohibitions which are based on production, or other measure of operation, will be based not upon the designed production capacity but rather upon a reasonable measure of actual production of the facility. For new sources or new dischargers, actual production shall be estimated using projected production. The time period of the measure of production will correspond to the time period of the calculated permit limitations; for example, monthly production will be used to calculate average monthly discharge limitations. The Executive Secretary may include a condition establishing alternate permit standards or prohibitions based upon anticipated increased (not to exceed maximum production capability) or decreased production levels.

(c) For the automotive manufacturing industry only, the Executive Secretary may establish a condition under R317-8-4.3(2)(b)2 if the applicant satisfactorily demonstrates to the Executive Secretary at the time the application is submitted that its actual production, as indicated in R317-8-4.3(2)(b)1, is substantially below maximum production capability and that there is a reasonable potential for an increase above actual production during the duration of the permit.

(d) If the Executive Secretary establishes permit conditions under and R317-8-4.3(2)(c):

1. The permit shall require the permittee to notify the Executive Secretary at least two business days prior to a month in which the permittee expects to operate at a level higher than the lowest production level identified in the permit. The notice shall specify the anticipated level and the period during which the permittee expects to operate at the alternate level. If the notice covers more than one month, the notice shall specify the reasons for the anticipated production level increase. New notice of discharge at alternate levels is required to cover a period or production level not covered by prior notice or, if during two consecutive months otherwise covered by a notice, the production level at the permitted facility does not in fact meet the higher level designated in the notice.

2. The permittee shall comply with the limitations, standards, or prohibitions that correspond to the lowest level of production specified in the permit, unless the permittee has notified the Executive Secretary under R317-8-4.3(2)(d)1, in which case the permittee shall comply with the lower of the actual level of production during each month or the level specified in the notice.

3. The permittee shall submit with the DMR the level of production that actually occurred during each month and the limitations, standards, or prohibitions applicable to that level of production.

(3) Metals. All permit effluent limitations, standards, or prohibitions for a metal will be expressed in terms of the total recoverable metal, that is, the sum of the dissolved and suspended fractions of the metal, unless:

(a) An applicable effluent standard or limitation has been promulgated by EPA and specifies the limitation for the metal in the dissolved or valent form; or total form; or

(b) In establishing permit limitations on a case-by-case basis under R317-8-7, it is necessary to express the limitation on the metal in the dissolved or valent form in order to carry out the provisions of the Utah Water Quality Act; or

(c) All approved analytical methods for the metal inherently measure only its dissolved form.

(4) Continuous Discharges. For continuous discharges all permit effluent limitations, standards, and prohibitions, including those necessary to achieve water quality standards, unless impracticable will be stated as:

(a) Maximum daily and average monthly discharge limitations for all dischargers other than publicly owned treatment works; and

(b) Average weekly and average monthly discharge limitations for POTWs.

(5) Non-continuous Discharges. Discharges which are not continuous, as defined in R317-8-1.5(7), shall be particularly described and limited, considering the following factors, as appropriate:

(a) Frequency; for example, a batch discharge shall not occur more than once every three (3) weeks;

(b) Total mass; for example, not to exceed 100 kilograms of zinc and 200 kilograms of chromium per batch discharge;

(c) Maximum rate of discharge of pollutants during the discharge for example, not to exceed 2 kilograms of zinc per

minute; and

(d) Prohibition or limitation of specified pollutants by mass, concentration, or other appropriate measure, (for example, shall not contain at any time more than 0.05 mg/l zinc or more than 250 grams (0.25 kilogram) of zinc in any discharge).

(6) Mass Limitations.

(a) All pollutants limited in permits shall have limitations, standards, or prohibitions expressed in terms of mass except:

1. For pH, temperature, radiation, or other pollutants which cannot appropriately be expressed by mass;

2. When applicable standards and limitations are expressed in terms of other units of measurement; or

3. If, in establishing permit limitations on a case-by-case basis under R317-8-7.1, limitations expressed in terms of mass are infeasible because the mass of the pollutant discharged cannot be related to a measure of operation; (for example, discharges of TSS from certain mining operations), and permit conditions ensure that dilution will not be used as a substitute for treatment.

(b) Pollutants limited in terms of mass additionally may be limited in terms of other units of measurement, and the permit will require the permittee to comply with both limitations.

(7) Pollutants in Intake Water.

(a) Upon request of the discharger, technology-based effluent limitations or standards shall be adjusted to reflect credit for pollutants in the discharger's intake water if:

1. The applicable effluent limitations and standards contained in effluent guidelines and standards provide that they shall be applied on a net basis; or

2. The discharger demonstrates that the control system it proposes or used to meet applicable technology-based limitations and standards would, if properly installed and operated, meet the limitations and standards in the absence of pollutants in the intake waters.

(b) Credit for generic pollutants such as biochemical oxygen demand (BOD) or total suspended solids (TSS) should not be granted unless the permittee demonstrates that the constituents of the generic measure in the effluent are substantially similar to the constituents of the generic measure in the intake water or unless appropriate additional limits are placed on process water pollutants either at the outfall or elsewhere.

(c) Credit shall be granted only to the extent necessary to meet the applicable limitation or standard, up to a maximum value equal to the influent value. Additional monitoring may be necessary to determine eligibility for credits and compliance with permit limits.

(d) Credit shall be granted only if the discharger demonstrates that the intake water is drawn from the same body of water into which the discharge is made. The Executive Secretary may waive this requirement if he finds that no environmental degradation will result.

(e) This section does not apply to the discharge of raw water clarifier sludge generated from the treatment of intake water.

(8) Internal Waste Streams.

(a) When permit effluent limitations or standards imposed at the point of discharge are impractical or infeasible, effluent limitations or standards for discharges of pollutants may be imposed on internal waste streams before mixing with other waste streams or cooling water streams. In those instances, the monitoring required by R317-8-4.2(8) shall also be applied to the internal waste streams.

(b) Limits on internal waste streams will be imposed only when the fact sheet under R317-8-6.4 sets forth the exceptional circumstances which make such limitations necessary, such as when the final discharge point is inaccessible, for example, under 10 meters of water, the wastes at the point of discharge are so diluted as to make monitoring impracticable, or the interferences among pollutants at the point of discharge would make detection or analysis impracticable.

(9) Disposal of Pollutants Into Wells, Into POTWs, or by Land Application. Permit limitations and standards shall be calculated as provided in R317-8-2.6.

(10) Secondary Treatment Information. Permit conditions that involve secondary treatment will be written as provided in 40 CFR Part 133, except that Utah effluent limits for secondary treatment will be used.

R317-8-5. Permit Provisions.

5.1 DURATION OF PERMITS

(1) UPDES permits shall be effective for a fixed term not to exceed 5 years.

(2) Except as provided in R317-8-3.1(4) (d), the term of a permit shall not be extended by modification beyond the maximum duration specified in this section.

(3) The Executive Secretary may issue any permit for a duration that is less than the full allowable term under this section.

(4) A permit that would expire on or after the Federal statutory deadline set forth in section 301(b)(2) (A), (C), and (E) of the CWA, may be issued to expire after the deadline if the permit includes effluent limitations to meet the requirements of section 301(b)(2) (A), (C), (D), (E) and (F), whether or not applicable effluent limitations guidelines have been promulgated or approved.

(5) A determination that a particular discharger falls within a given industrial category for purposes of setting a permit expiration date under paragraph (d) of this section is not conclusive as to the discharger's inclusion in that industrial category for any other purposes, and does not prejudice any rights to challenge or change that inclusion at the time that a permit based on that determination is formulated.

5.2 SCHEDULES OF COMPLIANCE

(1) The permit may, when appropriate, specify a schedule of compliance leading to compliance with the Utah Water Quality Act, as amended, and regulations promulgated pursuant thereto.

(a) Time for compliance. Any schedules of compliance under this section will require compliance as soon as possible, but not later than the applicable statutory deadline under the CWA.

(b) The first UPDES permit issued to a new source or a new discharger shall contain a schedule of compliance only when necessary to allow a reasonable opportunity to attain compliance with requirements issued or revised after commencement of construction but less than three years before commencement of the relevant discharge. For recommencing discharges, a schedule of compliance shall be available only when necessary to allow a reasonable opportunity to attain compliance with requirements issued or revised less than three years before recommencement of discharge.

(c) Interim dates. Except as provided in R317-8-5.2(2)(a)2 if a permit establishes a schedule of compliance which exceeds one (1) year from the date of permit issuance, the schedule will set forth interim requirements and the dates for their achievement.

1. The time between interim dates will not exceed one (1) year, except that in the case of a schedule for compliance with standards for sewage sludge use and disposal, the time between interim dates will not exceed six months.

2. If the time necessary for completion of any interim requirement, such as the construction of a control facility, is more than one (1) year and is not readily divisible into stages for completion, the permit will specify interim dates, (but not more than one interim date per calendar year per project phase or segment), for the submission of reports of progress toward completion of the interim requirements and indicate a projected

completion date.

(d) Reporting. The permit shall be written to require that no later than fourteen (14) days following each interim date and the final date of compliance, the permittee shall notify the Executive Secretary in writing of its compliance or noncompliance with the interim or final requirements, or submit progress reports.

(2) Alternative Schedules of Compliance. A UPDES permit applicant or permittee may cease conducting regulated activities (by termination of direct discharge for UPDES sources), rather than continue to operate and meet permit requirements as follows:

(a) If the permittee decides to cease conducting regulated activities at a given time within the term of a permit which has already been issued:

1. The permit may be modified to contain a new or additional schedule leading to timely cessation of activities; or

2. The permittee shall cease conducting permitted activities before noncompliance with any interim or final compliance schedule requirement already specified in the permit.

(b) If the decision to cease conducting regulated activities is made before issuance of a permit whose term will include the termination date, the permit will contain a schedule leading to termination which will ensure timely compliance with applicable requirements no later than the statutory deadline.

(c) If the permittee is undecided whether to cease conducting regulated activities, the Executive Secretary may issue or modify a permit to contain two schedules as follows:

1. Both schedules will contain an identical interim deadline requiring a final decision on whether to cease conducting regulated activities no later than a date which ensures sufficient time to comply with applicable requirements in a timely manner if the decision is to continue conducting regulated activities;

2. One schedule shall lead to timely compliance no later than the statutory deadline in the CWA;

3. The second schedule will lead to cessation of regulated activities by a date which will ensure timely compliance with the applicable requirements no later than the deadline specified in R317-8-7;

4. Each permit containing two schedules will include a requirement that after the permittee has made a final decision under R317-8-5.2(2)(c), it shall follow the schedule leading to compliance if the decision is to continue conducting regulated activities, and follow the schedule leading to termination if the decision is to cease conducting regulated activities.

(d) The applicant's or permittee's decision to cease conducting regulated activities shall be evidenced by a firm public commitment satisfactory to the Executive Secretary, such as a resolution of the Board of Directors of a corporation.

5.3 REQUIREMENTS FOR RECORDING AND REPORTING OF MONITORING RESULTS. All permits shall specify:

(1) Requirements concerning the proper use, maintenance, and installation, when appropriate, of monitoring equipment or methods, (including biological monitoring methods when appropriate);

(2) Required monitoring including type, intervals, and frequency sufficient to yield data which are representative of the monitored activity including, when appropriate, continuous monitoring;

(3) Applicable reporting requirements based upon the impact of the regulated activity and as specified in R317-8-4.1 and 4.2. Reporting shall be no less frequent than specified in the above section.

5.4 EFFECT OF A PERMIT

(1) Except for any toxic effluent standards and prohibitions included in R317-8-4.1(1)(b) and any standards adopted by the State for sewage sludge use or disposal, compliance with a UPDES permit during its term constitutes compliance, for purposes of enforcement, with the UPDES program. However, a permit may be modified, revoked and reissued, or terminated during its term for cause as set forth in R317-8-5.6 and 5.7.

(2) The issuance of a permit does not convey any property rights or any exclusive privilege.

(3) The issuance of a permit does not authorize any injury to persons or property or invasion of other private rights, or any infringement of state or local law or regulations.

(4) Compliance with a permit condition which implements a particular standard for sewage sludge use or disposal shall be an affirmative defense in any enforcement action brought for a violation of that standard for sewage use or disposal under the UPDES program.

5.5 TRANSFER OF PERMITS

(1) Transfers by Modification. Except as provided in R317-8-5.5(2) a permit may be transferred by the permittee to a new owner or operator only if the permit has been modified or revoked and reissued, under R317-8-5.6 or if a minor modification has been made to identify the new permittee and incorporate such other requirements as may be necessary under the UPDES regulations.

(2) Automatic Transfers. As an alternative to transfers under subsection (1) of this section, any UPDES permit may be automatically transferred to a new permittee if:

(a) The current permittee notifies the Executive Secretary at least thirty (30) days in advance of the proposed transfer date in R317-8-5.5(2)(b).

(b) The notice includes a written agreement between the existing and new permittees containing a specific date for transfer of permit responsibility, coverage, and liability between them.

(c) The Executive Secretary does not notify the existing permittee and the proposed new permittee of an intent to modify or revoke and reissue the permit. A modification under this subparagraph may also be a minor modification under R317-8-5.6(3). If this notice is not received, the transfer is effective on the date specified in the agreement under R317-8-5.5(2)(b).

5.6 MODIFICATION OR REVOCATION AND REISSUANCE OF PERMIT

The Executive Secretary may determine whether or not one or more of the causes, listed in R317-8-5.6(1) and (2) for modification or revocation and reissuance or both, exist. If cause exists, the Executive Secretary may modify or revoke and reissue the permit accordingly, and may request an updated application if necessary. When a permit is modified, only the conditions subject to modification are reopened. If a permit is revoked and reissued, the entire permit is reopened and subject to revision and the permit is reissued for a new term. If cause does not exist under this section, the Executive Secretary shall not modify or revoke and reissue the permit. If a permit modification satisfies the criteria in R317-8-5.6(3) for "minor modifications" the permit may be modified without a draft permit or public review. Otherwise, a draft permit must be prepared and the procedures in R317-8-6 must be followed.

(1) Causes for Modification. The following are causes for modification but not revocation and reissuance of permits except when the permittee requests or agrees to revocation and reissuance as well as modification of a permit.

(a) Alterations. If there are material and substantial alterations or additions made to the permitted facility or activity which occurred after permit issuance, such alterations may justify the application of revised permit conditions which are different or absent in the existing permit.

(b) Information. Information received by the Executive Secretary regarding permitted activities may show cause for modification. UPDES permits may be modified during their

terms for this cause only if the information was not available at the time of permit issuance, (except for revised regulations, guidance or test methods) and would have justified application of different conditions at the time of permit issuance. In addition, the applicant must show that the information would have justified the application of different permit conditions at the time of issuance. For UPDES general permits this cause shall include any information indicating that cumulative effects on the environment are unacceptable.

(c) New Regulations. If the standards or regulations on which the permit was based have been changed by promulgation of amended standards or regulations or by judicial decision after the permit was issued permits may be modified during their terms for this case only as follows:

1. For promulgation of amended standards or regulations, when:

a. The permit condition requested to be modified was based on promulgated effluent limitation guidelines or promulgated water quality standards; or the Secondary Treatment Regulations; and

b. EPA has revised, withdrawn, or modified that portion of the regulation or effluent limitation guideline on which the permit condition was based or has approved the Executive Secretary's action with regard to a water quality standard on which the permit condition was based; and

c. A permittee requests modification in accordance with R317-8-6.1 within ninety (90) days after the amendment, revision or withdrawal is promulgated.

2. For judicial decisions, a court of competent jurisdiction has remanded and stayed EPA promulgated regulations or effluent limitation guidelines, if the remand and stay concern that portion of the regulations or guidelines on which the permit condition was based and a request is filed by the permittee in accordance with R317-8-6.2 within ninety (90) days of judicial remand.

(d) Compliance Schedules. A permit may be modified if the Executive Secretary determines good cause exists for modification of a compliance schedule, such as an act of God, strike, flood or materials shortage or other events over which the permittee has little or no control and for which there is no reasonably available remedy. However, in no case will a UPDES compliance schedule be modified to extend beyond an applicable statutory deadline in R317-8-7.

(e) In addition the Executive Secretary may modify a permit:

1. When the permittee has filed a request for a variance under R317-8-2.3, R317-8-2.7 or for "fundamentally different factors" within the time specified in R317-8-3 or R317-8-7.7(8)a (and the Executive Secretary processes the request under the applicable provisions).

2. When required to incorporate an applicable toxic effluent standard or prohibition under R317-8-4.2(2).

3. When required by the "reopener" conditions in a permit, which are established in the permit under R317-8-4.2(3) for toxic effluent limitations and standards for sewage sludge use or disposal.

4. Upon request of a permittee who qualifies for effluent limitations on a net basis under R317-8-4.3(8).

5. When a discharger is no longer eligible for net limitations, as provided in R317-8-4.3(8).

6. As necessary under EPA effluent limitations guidelines concerning compliance schedule for development of a pretreatment program.

7. When the level of discharge of any pollutant which is not limited in the permit exceeds the level which can be achieved by the technology-based treatment requirements appropriate to the permittee under R317-8-7.1(2)(c).

8. To establish a "notification level" as provided in R317-8-4.2(6).

9. To modify a schedule of compliance to reflect the time lost during the construction of an innovative or alternative facility in the case of the POTW which has received a grant from EPA of 100% of the cost to modify or replace the facilities. In no case will the compliance schedule be modified to extend beyond an applicable statutory deadline for compliance.

10. Upon failure of the Executive Secretary to notify an affected state whose waters may be affected by a discharge from Utah.

11. To correct technical mistakes, such as errors in calculation, or mistaken interpretations of law made in determining permit conditions.

12. When the discharger has installed the treatment technology considered by the permit writer in setting effluent limitations and has properly operated and maintained the facilities but nevertheless has been unable to achieve those effluent limitations. In this case, the limitations in the modified permit may reflect the level of pollutant control actually achieved (but shall not be less stringent than required by a subsequently promulgated effluent limitations guideline).

13. When required by a permit condition to incorporate a land application plan for beneficial reuse of sewage sludge, to revise an existing land application plan, or to add a land application plan.

(2) Causes for Modification or Revocation and Reissuance. The following are causes to modify or alternatively revoke or reissue a permit:

(a) Cause exists for termination under R317-8-5.7 and the Executive Secretary determines that modification or revocation and reissuance is appropriate.

(b) The Executive Secretary has received notification of a proposed transfer of the permit. A permit also may be modified to reflect a transfer after the effective date of an automatic transfer but will not be revoked and reissued after the effective date of the transfer except upon the request of the new permittee.

(3) Minor modifications of permits. Upon the consent of the permittee, the Executive Secretary may modify a permit to make the corrections or allowances for changes in the permitted activity listed in this section, without following the procedures of R317-8-6. Any permit modification not processed as a minor modification under this section must be made for cause and with a Section R317-8-6 draft permit and public notice as required under this section. Minor modifications may only:

(a) Correct typographical errors;

(b) Require more frequent monitoring or reporting by the permittee;

(c) Change an interim compliance date in a schedule of compliance, provided the new date is not more than 120 days after the date specified in the existing permit and does not interfere with attainment of the final compliance date requirement;

(d) Allow for a change in ownership or operational control of a facility where the Executive Secretary determines that no other change in the permit is necessary, provided that a written agreement containing a specific date for transfer of permit responsibility, coverage, and liability between the current and new permittees has been submitted to the Executive Secretary;

(e) Change the construction schedule for a discharger which is a new source. No such change shall affect a disclosure obligation to have all pollution control equipment installed and in operation prior to discharge; or

(f) Delete a point source outfall when the discharge from that outfall is terminated and does not result in discharge of pollutants from other outfalls except in accordance with permit limits.

(g) Incorporate conditions of a POTW pretreatment program that has been approved in accordance with the

procedures in R317-8-8.10 (or a modification thereto that has been approved in accordance with the procedures in R317-8-8.16 as enforceable conditions of the POTW's permits).

5.7 TERMINATION OF PERMIT

(1) The following are causes for terminating a permit during its term, or for denying a renewal application:

(a) Noncompliance by the permittee with any condition of the permit;

(b) The permittee's failure in the application or during the permit issuance process to disclose fully all relevant facts, or the permittee's misrepresentation of any relevant fact at any time;

(c) A determination that the permitted activity endangers human health or the environment and can only be regulated to acceptable levels by permit modification or termination; or

(d) When there is a change in any condition that requires either a temporary or a permanent reduction or elimination of any discharge or sludge use or disposal practice controlled by the permit; for example, plant closure or termination of discharge by connection to a POTW.

(2) The Executive Secretary will follow the applicable procedures of R317-8-6.2 in terminating UPDES permits under this section.

R317-8-6. Review Procedures.

6.1 REVIEW OF THE APPLICATION

(1) Any person who requires a permit under the UPDES program shall complete, sign and submit to the Executive Secretary an application for the permit as required under R317-8-3.1. Applications are not required for UPDES general permits. (However, operators who elect to be covered by a general permit shall submit written notification to the Executive Secretary at such time as the Executive Secretary indicates in R317-8-6.3)

(2) The Executive Secretary will not begin the processing of a permit until the applicant has fully complied with the application requirements for the permit, as required by R317-8-3.1.

(3) Permit applications must comply with the signature and certification requirements of R317-8-3.1.

(4) Each application submitted by a UPDES new source or UPDES new discharger should be reviewed for completeness by the Executive Secretary within thirty (30) days of its receipt. Each application for a UPDES permit submitted by an existing source or sludge-only facility will be reviewed for completeness within sixty (60) days of receipt. Upon completing the review, the Executive Secretary shall notify the applicant in writing whether the application is complete. If the application is incomplete, the Executive Secretary shall list the information necessary to make the application complete. When the application is for an existing source or sludge-only facility, the Executive Secretary shall specify in the notice of deficiency a date for submitting the necessary information. The Executive Secretary shall notify the applicant that the application is complete upon receiving this information. After the application is completed, the Executive Secretary may request additional information from an applicant when necessary to clarify, modify, or supplement previously submitted material. Requests for such additional information will not render an application incomplete.

(5) If an applicant fails or refuses to correct deficiencies in the application, the permit may be denied and appropriate enforcement actions may be taken under the Utah Water Quality Act, as amended and regulations promulgated pursuant thereto.

(6) If the Executive Secretary decides that a site visit is necessary for any reason in conjunction with the processing of an application, the applicant will be notified and a date scheduled.

(7) The effective date of an application is the date on which the Executive Secretary notified the applicant that the application is complete as provided in subsection (4) of this section.

(8) For each application from a major facility new source, or major facility new discharger, the Executive Secretary shall no later than the effective date of the application, prepare and mail to the applicant a project decision schedule. The schedule will specify target dates by which the Executive Secretary intends to:

(a) Prepare a draft permit;

(b) Give public notice;

(c) Complete the public comment period, including any public hearing;

(d) Issue a final permit; and

6.2 REVIEW PROCEDURES FOR PERMIT MODIFICATION, REVOCATION AND REISSUANCE, OR TERMINATION OF PERMITS

(1) Permits may only be modified, revoked and reissued, or terminated for the reasons specified in R317-8-5.6. Permits may be modified, revoked and reissued, or terminated either at the request of any interested person (including the permittee) or upon the Executive Secretary's initiative. All requests shall be in writing and shall contain facts or reasons supporting the request.

(2) If the Executive Secretary decides the request is not justified, he or she shall send the requester a brief written response giving a reason for the decision. Denials of requests for modification, revocation and reissuance, or termination are not subject to public notice, comment, or adjudicatory proceeding.

(3) If the Executive Secretary tentatively decides to modify or revoke and reissue a permit under R317-8-5.6, he or she shall prepare a draft permit under R317-8-6.3 incorporating the proposed changes. The Executive Secretary may request additional information and, in the case of a modified permit, may require the submission of an updated application. In the case of revoked and reissued permits, the Executive Secretary shall require the submission of a new application.

(a) In a permit modification under .2, only those conditions to be modified will be reopened when a new draft permit is prepared. All other aspects of the existing permit shall remain in effect for the duration of the unmodified permit. When a permit is revoked and reissued under .2, the entire permit is reopened just as if the permit had expired and was being reissued. During any revocation and reissuance proceeding, the permittee shall comply with all conditions of the existing permit until a new final permit is reissued.

(b) "Minor modifications" as defined in R317-8-5.6(3) are not subject to the requirements of .2.

(4) If the Executive Secretary tentatively decides to terminate a permit under R317-8-5.7, he or she shall issue a notice of intent to terminate. A notice of intent to terminate is a type of draft permit which follows the same procedures as any draft permit prepared under R317-8-6.3.

6.3 DRAFT PERMITS

(1) Once an application is complete, the Executive Secretary shall tentatively decide whether to prepare a draft permit or to deny the application.

(2) If the Executive Secretary tentatively decides to deny the permit application, then he or she shall issue a notice of intent to deny. A notice of intent to deny the permit application is a type of draft permit which follows the same procedure as any draft permit prepared under this section. If the Executive Secretary's final decision (under R317-8-6.11) is that the tentative decision to deny the permit application was incorrect, he or she shall withdraw the notice of intent to deny and proceed to prepare a draft permit under R317-8-6.3(4).

(3) If the Executive Secretary tentatively decides to issue a UPDES general permit, he or she shall prepare a draft general permit in accordance with R317-8-6.3(4).

(4) If the Executive Secretary decides to prepare a draft permit he or she shall prepare a draft permit that contains the following information:

(a) All conditions under R317-8-4.1;

(b) All compliance schedules under R317-8-5.2;

(c) All monitoring requirements under R317-8-5.3;

(d) Effluent limitations, standards, prohibitions, standards for sewage sludge use or disposal, and conditions under R317-8-3, 8-4, 8-5, 8-6, and 8-7 and all variances that are to be included.

(5) All draft permits prepared under this section shall be accompanied by a statement of basis or fact sheet and shall be based on the administrative record, publicly noticed, and made available for public comment. The Executive Secretary will give notice of opportunity for a public hearing, issue a final decision and respond to comments. A request for an adjudicatory proceeding may be made pursuant to R317-9 following the issuance of a final decision.

(6) Statement of Basis. A statement of basis shall be prepared for every draft permit for which a fact sheet is not prepared. The statement of basis shall briefly describe the derivation of the conditions of the draft permit and the reasons for them or, in the case of notices of intent to deny or terminate, reasons supporting the tentative decision. The statement of basis shall be sent to the applicant and, on request, to any other person.

6.4 FACT SHEETS

(1) A fact sheet shall be prepared for every draft permit for a major UPDES facility or activity, for every UPDES general permit, for every UPDES draft permit that incorporates a variance or requires an explanation under R317-8-6.4(4), for every Class I Sludge Management Facility, for every draft permit that includes a sewage sludge land application plan and for every draft permit which the Executive Secretary finds is the subject of widespread public interest or raises major issues. The fact sheet shall briefly set forth the principal facts and the significant factual, legal, methodological and policy questions considered in preparing the draft permit. The Executive Secretary shall send this fact sheet to the applicant and, on request, to any other persons.

(2) The fact sheet shall include, when applicable:

(a) A brief description of the type of facility or activity which is the subject of the draft permit;

(b) The type and quantity of wastes, fluids or pollutants which are proposed to be or are being treated, stored, disposed of, injected, emitted, or discharged;

(c) A brief summary of the basis for the draft permit conditions including references to applicable statutory or regulatory provisions;

(d) Reasons why any requested variances or alternatives to required standards do or do not appear justified;

(e) A description of the procedures for reaching a final decision on the draft permit including:

1. The beginning and ending dates of the comment period and the address where comments will be received;

2. Procedures for requesting a public hearing and the nature of that hearing; and

3. Any other procedures by which the public may participate in the final decision.

(f) Name and telephone number of a person to contact for additional information.

(3) Any calculations or other necessary explanation of the derivation of specific effluent limitations and conditions, or standards for sewage sludge use and disposal, including a citation to the applicable effluent limitation guideline or performance standard provisions, and reasons why they are applicable or an explanation of how the alternate effluent limitations were developed;

(4)(a) When the draft permit contains any of the following conditions, an explanation of the reasons why such conditions are applicable:

1. Limitations to control toxic pollutants under R317-8-4.2(5);

2. Limitations on internal waste streams under R317-8-4.3(8);

3. Limitations on indicator pollutant;

4. Limitations set on a case-by-case basis under R317-8-7.1(3)(b) or (c).

(b) For every permit to be issued to a treatment works owned by a person other than the State or a municipality, an explanation of the Executive Secretary's decision on regulation of users under R317-8-4.2(12).

(5) When appropriate, a sketch or detailed description of the location of the discharge or regulated activity described in the application.

(6) For permits that include a sewage sludge land application plan, a brief description of how each of the required elements of the land application plan are addressed in the permit.

(7) Any calculations or other necessary explanation of the derivation of specific effluent limitations and conditions or standards for sewage sludge use or disposal, including a citation to the applicable effluent limitation guideline, performance standard, or standard for sewage sludge use or disposal and reasons why they are applicable or an explanation of how the alternate effluent limitations were developed.

6.5 PUBLIC NOTICE OF PERMIT ACTIONS AND PUBLIC COMMENT PERIOD

(1) Scope.

(a) The Executive Secretary will give public notice that the following actions have occurred:

1. A permit application has been tentatively denied under R317-8-6.3(2); or

2. A draft permit has been prepared under R317-8-6.3(4);

3. A public hearing has been scheduled under R317-8-6.7; and

4. A UPDES new source determination has been made in accordance with the definition in R317-8-1.

(b) No public notice is required when a request for permit modification, revocation and reissuance, or termination is denied under .2. Written notice of the denial will be given to the requester and to the permittee.

(c) Public notices may describe more than one permit or permit action.

(2) Timing.

(a) Public notice of the preparation of a draft permit, including a notice of intent to deny a permit application, required under R317-8-6.5(1) will allow at least thirty (30) days for public comment.

(b) Public notice of a public hearing shall be given at least thirty (30) days before the hearing. (Public notice of the hearing may be given at the same time as public notice of the draft permit and the two notices may be combined.)

(3) Methods. Public notice of activities described in R317-8-6.5(1)(a) will be given by the following methods:

(a) By mailing a copy of a notice to the following persons (Any person otherwise entitled to receive notice under this paragraph may waive their rights to receive notice for any classes and categories of permits.):

1. The applicant, except for UPDES general permittees, and Region VIII, EPA.

2. Federal and state agencies with jurisdiction over fish, shellfish, and wildlife resources, the Advisory Council on Historic Preservation, Utah Historic Society and other appropriate government authorities, including any affected states;

3. The U.S. Army Corps of Engineers and the U.S. Fish and Wildlife Service.

4. Any user identified in the permit application of a privately owned treatment works; and

5. Persons on a mailing list developed by:

a. Including those who request in writing to be on the list;

b. Soliciting persons for area lists from participants in past permit proceedings in that area; and

c. Notifying the public of the opportunity to be put on the mailing list through periodic publication in the public press and in such publications as newsletters, environmental bulletins, or state law journals. The Executive Secretary may update the mailing list from time to time by requesting written indication of continued interest from those listed. The name of any person who fails to respond to such a request may be deleted from the list.

6. Any unit of local government having jurisdiction over the area where the facility is proposed to be located and each State agency having any authority under State law with respect to construction or operation of such facility.

7. Any other agency which the Executive Secretary knows has issued or is required to issue a RCRA, UIC, PSD (or other permit under the Federal Clean Air Act, NPDES, 404, or sludge management permit).

(b) For major permits, UPDES general permits, and permits that include sewage sludge and application plans, the Executive Secretary will publish a notice in a daily or weekly newspaper within the area affected by the facility or activity;

(c) In a manner constituting legal notice to the public under Utah law; and

(d) Any other method reasonably determined to give actual notice of the action in question to the persons potentially affected by it, including press releases or any other forum or medium to elicit public participation.

(4) Contents.

(a) All public notices issued under this part shall contain the following minimum information:

1. Name and address of the office processing the permit action for which notice is being given;

2. Name and address of the permittee or permit applicant and, if different, of the facility or activity regulated by the permit, except in the case of UPDES draft general permits under R317-8-2.5;

3. A brief description of the business conducted at the facility or activity described in the permit application or the draft permit, for UPDES general permits when there is no application;

4. Name, address and telephone number of a person from whom interested persons may obtain further information, including copies of the draft permit or draft general permit as the case may be, statement of basis or fact sheet, and the application; and

5. A brief description of the comment procedures and the time and place of any public hearing that will be held, including a statement of procedures to request a public hearing, unless a hearing has already been scheduled, and other procedures by which the public may participate in the final permit decision;

6. For UPDES permits only (including those for sludge-only facilities), a general description of the location of each existing or proposed discharge point and the name of the receiving water and the sludge use and disposal practice(s) and the location of each sludge treatment works treating domestic sewage and use or disposal sites known at the time of permit application. For draft general permits, this requirement will be satisfied by a map or description of the permit area;

7. Any additional information considered necessary or appropriate.

(b) Public notices for public hearings. In addition to the general public notice described in .5(4) the public notice for a permit hearing under R317-8-6.7 will contain the following information:

1. Reference to the date of previous public notices relating to the permit;

2. Date, time, and place of the hearing;

3. A brief description of the nature and purpose of the hearing, including the applicable rules and procedures.

(c) Requests under R317-8-2.3(4). In addition to the information required under R317-8-6.5(4)(a) public notice of a UPDES draft permit for a discharge when a R317-8-2.3(4) request has been filed will include:

1. A statement that the thermal component of the discharge is subject to effluent limitations under R317-8-4.2(1) and a brief description, including a quantitative statement of the thermal effluent limitations; and

2. A statement that a R317-8-2.3(4) request has been filed and that alternative less stringent effluent limitations may be imposed on the thermal component of the discharge and a brief description, including a quantitative statement, of the alternative effluent limitations, if any, included in the request.

3. If the applicant has filed an early screening request under R317-8-7.4(4) for a variance, a statement that the applicant has submitted such a plan.

(5) In addition to the general public notice described in .5(4) all persons identified in .5(3)(a)1-4 will be mailed a copy of the fact sheet, the permit application and the draft permit.

6.6 PUBLIC COMMENTS AND REQUESTS FOR PUBLIC HEARINGS

During the public comment period provided under R317-8-6.5, any interested person may submit written comments on the draft permit and may request a public hearing, if no hearing has already been scheduled. A request for a public hearing shall be in writing and shall state the nature of the issues proposed to be raised in the hearing. All comments will be considered in making the final decision and shall be answered as provided in R317-8-6.12.

6.7 PUBLIC HEARINGS

(1) The Executive Secretary shall hold a public hearing when he or she finds on the basis of request(s), a significant degree of public interest in draft permits. The Executive Secretary also may hold a public hearing at his or her discretion whenever a hearing might clarify one or more issues involved in the permit decision.

(2) Public notice of the hearing will be given as specified in R317-8-6.5.

(3) Any person may submit oral or written statements and data concerning the draft permit. Reasonable limits may be set upon the time allowed for oral statements, and the submission of statements in writing may be required. The public comment period under R317-8-6.5 will automatically be extended to the close of any public hearing under this section. The hearing officer may also extend the comment period by so stating at the hearing.

(4) A tape recording or written transcript of the hearing shall be made available to the public.

6.8 OBLIGATION TO RAISE ISSUES AND PROVIDE INFORMATION DURING THE PUBLIC COMMENT PERIOD

All persons, including applicants, who believe any condition of a draft permit is inappropriate or that the Executive Secretary's tentative decision to deny an application, terminate a permit, or prepare a draft permit is inappropriate, must raise all reasonably ascertainable issues and submit all reasonably available arguments and factual grounds supporting their position, including all supporting material, by the close of the public comment period including any public hearing under R317-8-6.5. All supporting materials shall be included in full and may not be incorporated by reference, unless they are already part of the administrative records in the same proceeding or consist of state or federal statutes and regulations, EPA or the Executive Secretary's documents of general

applicability, or other generally available reference materials. Persons making comment shall make supporting material not already included in the administrative record available to the Executive Secretary. Additional time shall be granted under R317-8-6.5 to the extent that a person desiring to comment who requests additional time demonstrates need for such time. Nothing in this section shall be construed to prevent any person aggrieved by a final permit decision from filing a request for agency action under R317-9.

6.9 CONDITIONS REQUESTED BY THE CORPS OF ENGINEERS AND OTHER GOVERNMENT AGENCIES

(1) If, during the comment period for a UPDES draft permit, the District Engineer of the Corps of Engineers advises the Executive Secretary in writing that anchorage and navigation of the waters of the State would be substantially impaired by the granting of a permit, the permit shall be denied and the applicant so notified. If the District Engineer advises the Executive Secretary that imposing specified conditions upon the permit is necessary to avoid any substantial impairment of anchorage or navigation, then the Executive Secretary shall include the specified conditions in the permit. Review or appeal of denial of a permit or of conditions specified by the District Engineer shall be made through the applicable procedures of the Corps of Engineers and may not be made through the procedures provided in this regulation. If the conditions are stayed by a court of competent jurisdiction or by applicable procedures or the Corps of Engineers, those conditions shall be considered stayed in the UPDES permit for the duration of that stay.

(2) If, during the comment period, the U.S. Fish and Wildlife Service or any other state or federal agency with jurisdiction over fish, wildlife, or public health advises the Executive Secretary in writing that the imposition of specified conditions upon the permit is necessary to avoid substantial impairment of fish, shellfish, or wildlife resources, the Executive Secretary may include the specified conditions in the permit to the extent they are determined necessary to carry out the provisions of the Utah Water Quality Act, as amended, and of CWA.

(3) In appropriate cases the Executive Secretary may consult with one or more of the agencies referred to in this section before issuing a draft permit and may reflect their views in the statement of basis or fact sheet, or the draft permit.

6.10 REOPENING OF THE PUBLIC COMMENT PERIOD

(1) The Executive Secretary may order the public comment period reopened if the procedures of this section could expedite the decision making process. When the public comment period is reopened under this paragraph, all persons, including applicants, who believe any condition of a draft permit is inappropriate or that the Executive Secretary's tentative decision to deny an application, terminate a permit, or prepare a draft permit is inappropriate, must submit all reasonably available factual grounds supporting their position, including all supporting material, by a date not less than sixty days after public notice under paragraph (2) of this section, set by the Executive Secretary. Thereafter, any person may file a written response to the material filed by any other person, by a date not less than twenty days after the date set for filing of the material, set by the Executive Secretary.

(2) Public notice of any comment period under this paragraph shall identify the issues to which the requirements of this section shall apply.

(3) On his own motion or on the request of any person, the Executive Secretary may direct that the requirements of paragraph (1) of this section shall apply during the initial comment period where it reasonably appears that issuance of the permit will be contested and that applying the requirements of paragraph (1) of this section will substantially expedite the decision making process. The notice of the draft permit shall state whenever this has been done.

(4) A comment period of longer than 60 days will often be necessary in complicated proceedings to give persons desiring to comment a reasonable opportunity to comply with the requirements of this section. Persons desiring to comment may request longer comment periods and they shall be granted under R317-8-6.5 to the extent they appear necessary.

(5) If any data information or arguments submitted during the public comment period, including information or arguments required under R317-8-6.8, appear to raise substantial new questions concerning a permit, the Executive Secretary may take one or more of the following actions:

(a) Prepare a new draft permit, appropriately modified, under R317-8-6.3;

(b) Prepare a revised statement of basis under R317-8-6.3(6) a fact sheet or revised fact sheet under R317-8-6.4 and reopen the comment period under R317-8-6.10; or

(c) Reopen or extend the comment period under R317-8-6.5 to give interested persons an opportunity to comment on the information or arguments submitted.

(6) Comments filed during the reopened comment period shall be limited to the substantial new questions that caused its reopening. The public notice under R317-8-6.5 shall define the scope of the reopening.

(7) For UPDES permits, the Executive Secretary may also, in the circumstances described above, elect to hold further proceedings. This decision may be combined with any of the actions enumerated in paragraph (5) of this section.

(8) Public notice of any of the above actions shall be issued under R317-8-6.5.

6.11 ISSUANCE AND EFFECTIVE DATE OF PERMIT

After the close of the public comment period under R317-8-6.5, the Executive Secretary will issue a final permit decision. The Executive Secretary will notify the applicant and each person who has submitted written comments or requested notice of that decision. The notice shall include reference to the procedures for contesting the decision. For the purpose of this section, a final permit decision shall mean a final decision to issue, deny, modify, revoke and reissue, or terminate a permit.

6.12 RESPONSE TO COMMENTS

(1) At the time that any final permit decision is issued under R317-8-6.11, the Executive Secretary shall issue a response to comments. This response shall:

(a) Specify which provisions, if any, of the draft permit have been changed in the final permit decision and the reasons for the change; and

(b) Briefly describe and respond to all significant comments on the draft permit raised during the public comment period or during any hearing. The response will fully consider all comments resulting from any hearing conducted under this regulation.

(c) The response to the comments shall be available to the public.

R317-8-7. Criteria and Standards.

7.1 CRITERIA AND STANDARDS FOR TECHNOLOGY-BASED TREATMENT REQUIREMENTS

(1) Purpose and scope. This section establishes criteria and standards for the imposition of technology-based treatment requirements and represents the minimum level of control that must be imposed in a UPDES permit. Permits will contain the following technology-based treatment requirements in accordance with the deadlines indicated herein:

(a) For POTW's effluent limitations based upon:

1. Utah secondary treatment from date of permit issuance; and

2. The best practicable waste treatment technology from date of permit issuance.

(b) For dischargers other than POTWs, except as

otherwise provided, effluent limitations requiring:

1. The best practicable control technology currently available (BPT) --

a. For effluent limitations promulgated after January 1, 1982 and requiring a level of control substantially greater or based on fundamentally different control technology than under permits for an industrial category issued before such date, compliance as expeditiously as practicable but in no case later than three years after the date such limitations are promulgated and in no case later than March 31, 1989;

b. For effluent limitations established on a case-by-case basis based on Best Professional Judgment (BPJ) in a permit issued after February 4, 1987, compliance as expeditiously as practicable but in no case later than three years after the date such limitations are established and in no case later than May 31, 1989;

c. For all other BPT effluent limitations compliance is required from the date of permit issuance.

2. For conventional pollutants the best conventional pollutant control technology (BCT) --

a. For effluent limitations promulgated under section 304(b) of the CWA, as expeditiously as practicable but in no case later than three years after the date such limitations are promulgated, and in no case later than March 31, 1989;

b. For effluent limitations established on a case-by-case (BPJ) basis in a permit issued after February 4, 1987 compliance as expeditiously as practicable but in no case later than three years after the date such limitations are established and in no case later than March 31, 1989;

c. For all other BCT effluent limitations compliance is required from the date of permit issuance.

3. For all toxic pollutants referred to in Committee Print No. 95-30, House Committee on Public Works and Transportation, the best available technology economically achievable (BAT) --

a. For effluent limitations established under section 304(b) of the CWA, as expeditiously as practicable but in no case later than three years after the date such limitations are promulgated and in no case later than March 31, 1989;

b. For permits issued on a case-by-case (BPJ) basis after February 4, 1987 establishing BAT effluent limitations, compliance is required as expeditiously as practicable but in no case later than three years after the date such limitations are promulgated under Section 304(b)of the CWA and in no case later than March 31, 1989.

c. For all other BAT effluent limitations, compliance is required from the date of permit issuance.

4. For all toxic pollutants other than those listed on Committee Print No. 95-30, effluent limitations based on BAT --

a. For effluent limitations promulgated under Section 304(b) of the CWA, compliance is required as expeditiously as practicable, but in no case later than three years after the date such limitations are promulgated, and in no case later than March 31, 1989.

b. For permits issued on a case-by-case (BPJ) basis under section 402(a)(1)(B) of the CWA after February 4, 1987 establishing BAT effluent limitations, compliance is required as expeditiously as practicable but in no case later than 3 years after the date such limitations are established and in no case later than March 31, 1989.

c. For all other BAT effluent limitations, compliance is required from the date of permit issuance.

5. For all pollutants which are neither toxic nor conventional pollutants, effluent limitations based on BAT --

a. For effluent limitations promulgated under section 304(b), compliance is required as expeditiously as practicable but in no case later than 3 years after the date such limitations are established and in no case later than March 31, 1989.

b. For permits issued on a case-by-case (BPJ) basis under section 402(a)(1)(B) of the CWA after February 4, 1987 establishing BAT effluent limitations compliance is required as expeditiously as practicable but in no case later than March 31, 1989.

c. For all other BAT effluent limitations, compliance is required from the date of permit issuance.

(2) Variances and Extensions.

(a) The following variance from technology-based treatment requirements may be applied for under R317-8-2 for dischargers other than POTWs:

1. Economic variance from BAT, as indicated in R317-8-2.3(2);

2. Section 301(g) water quality related variance from BAT;

3. Thermal variance from BPT, BCT and BAT, under R317-8-7.4. may be authorized.

(b) An extension of the BPT deadline may be applied for under R317-8-2.3(3) for dischargers other than POTW's, for use of innovative technology. Compliance extensions may not extend beyond July 1, 1987.

(3) Methods of imposing technology-based treatment requirements in permits. Technology-based treatment requirements may be imposed through one of the following three methods:

(a) Application of EPA-promulgated effluent limitations to dischargers by category or subcategory. These effluent limitations are not applicable to the extent that they have been withdrawn by EPA or remanded. In the case of a court remand, determinations underlying effluent limitations shall be binding in permit issuance proceedings where those determinations are not required to be reexamined by a court remanding the regulations. In addition, dischargers may seek fundamentally different factors variance from these effluent limitations under R317-8-2.3(1) and R317-8-7.3;

(b) On a case-by-case basis to the extent that EPA-promulgated effluent limitations are inapplicable. The permit writer shall apply the appropriate factors and shall consider:

1. The appropriate technology for the category or class of point sources of which the applicant is a member, based upon all available information.

2. Any unique factors relating to the applicant.

(c) Through a combination of the methods in paragraphs (a) and (b) of this section. Where EPA promulgated effluent limitations guidelines only apply to certain aspects of the discharger's operation, or to certain pollutant, other aspects or activities are subject to regulation on case-by-case basis in order to carry out the provisions of the CWA;

(d) Limitations developed under paragraph (c)2 of this section may be expressed, where appropriate, in terms of toxicity provided it is shown that the limits reflect the appropriate requirements of the act;

(e) In setting case-by-case limitations pursuant to R317-8-7.1(3), the permit writer must consider the following factors:

1. For BPT requirements:

a. The total cost of application of technology in relation to the effluent reduction benefits to be achieved from such application;

b. The age of equipment and facilities involved;

c. The process employed;

d. The engineering aspects of the application of various types of control techniques;

e. Process changes; and

f. Non-water quality environmental impact (including energy requirements).

2. For BCT requirements:

a. The reasonableness of the relationship between the costs of attaining a reduction in effluent and the effluent reduction benefits derived;

b. The comparison of the cost and level of reduction of such pollutants from the discharge from publicly owned treatment works to the cost and level of reduction of such pollutants from a class or category of industrial sources;

c. The age of equipment and facilities involved;

d. The process employed;

e. The engineering aspects of the application of various types of control techniques;

f. Process changes; and

g. Non-water quality environmental impact (including energy requirements).

3. For BAT requirement:

a. The age of equipment and facilities involved;

b. The process employed;

c. The engineering aspects of the application of various types of control techniques;

d. The cost of achieving such effluent reduction; and

e. Non-water quality environmental impact (including energy requirements).

(f) Technology-based treatment requirements are applied prior to or at the point of discharge.

(4) Technology-based treatment requirements cannot be satisfied through the use of "non-treatment" techniques such as flow augmentation and in-stream mechanical aerators. However, these techniques may be considered as a method of achieving water quality standards on a case-by-case basis when:

(a) The technology based treatment requirements applicable to the discharge are not sufficient to achieve the standards;

(b) The discharger agrees to waive any opportunity to request a variance under R317-8-2.3;

(c) The discharger demonstrates that such a technique is the preferred environmental and economic method to achieve the standards after consideration of alternatives such as advanced waste treatment, recycle and reuse, land disposal, changes in operating methods, and other available methods.

(5) Technology-based effluent limitations will be established for solids, sludges, filter backwash, and other pollutants removed in the course of treatment or control of wastewaters in the same manner as for other pollutants.

(6)(a) The Executive Secretary may set a permit limit for a conventional pollutant at a level more stringent than the best conventional pollution control technology (BCT), or limit for a nonconventional pollutant which shall not be subject to modification where:

1. Effluent limitations guidelines specify the pollutant as an indicator for a toxic pollutant; or

2.a. The limitation reflects BAT-level control of discharges of one or more toxic pollutants which are present in the waste stream, and a specific BAT limitation upon the toxic pollutant(s) is not feasible for economic or technical reasons;

b. The permit identifies which toxic pollutants are intended to be controlled by use of the limitation; and

c. The fact sheet required by R317-8-6.4 sets forth the basis for the limitation, including a finding that compliance with the limitations will result in BAT-level control of the toxic pollutant discharges identified in (6)(l)(b)(ii) of this section, and a finding that it would be economically or technically infeasible to directly limit the toxic pollutant(s).

(b) The Executive Secretary may set a permit limit for a conventional pollutant at a level more stringent than BCT when:

1. Effluent limitations guidelines specify the pollutant as an indicator for a hazardous substances; or

2.a. The limitation reflects BAT-level, co-control of discharges, or an appropriate level of one or more hazardous substance(s) which are present in the waste stream, and a specific BAT or other appropriate limitation upon the hazardous substance which are present in the waste stream, and a specific BAT, or other appropriate limitation upon the hazardous substance is not feasible for economic or technical reasons;

b. The permit identifies which hazardous substances are intended to be controlled by use of the limitation; and

c. The fact sheet required by R317-8-6.4 sets forth the basis for the limitation, including a finding that compliance with the limitations will result in BAT-level, or other appropriate level, control of the hazardous substances discharges identified in (6)(l)(b)(ii) of this section, and a finding that it would be economically or technically infeasible to directly limit the hazardous substance(s).

d. Hazardous substances which are also toxic pollutants are subject to R317-8-7.1(6).

(3) The Executive Secretary may not set more stringent limits under the preceding paragraphs if the method of treatment required to comply with the limit differs from that which would be required if the toxic pollutant(s) or hazardous substances) controlled by the limit were limited directly.

(d) Toxic pollutants identified under R317-8-7.1(6) remain subject to R317-8-4.1(15) which requires notification of increased discharges of toxic pollutants above levels reported in the application form.

7.2 CRITERIA FOR ISSUANCE OF PERMITS TO AQUACULTURE PROJECTS

(1) Purpose and scope.

(a) This section establishes guidelines for approval of any discharge of pollutants associated with an aquaculture project.

(b) This section authorizes, on a selective basis, controlled discharges which would otherwise be unlawful under the Utah Water Quality Act in order to determine the feasibility of using pollutants to grow aquatic organisms which can be harvested and used beneficially.

(c) Permits issued for discharges into aquaculture projects under this section are UPDES permits and are subject to all applicable requirements. Any permit will include such conditions, including monitoring and reporting requirements, as are necessary to comply with the UPDES regulations. Technology-based effluent limitations need not be applied to discharges into the approved project except with respect to toxic pollutants.

(2) Criteria.

(a) No UPDES permit will be issued to an aquaculture project unless:

1. The Executive Secretary determines that the aquaculture project:

a. Is intended by the project operator to produce a crop which has significant direct or indirect commercial value, or is intended to be operated for research into possible production of such a crop; and

b. Does not occupy a designated project area which is larger than can be economically operated for the crop under cultivation or than is necessary for research purposes.

2. The applicant has demonstrated, to the satisfaction of the Executive Secretary, that the use of the pollutant to be discharged to the aquaculture project shall result in an increased harvest of organisms under culture over what would naturally occur in the area;

3. The applicant has demonstrated, to the satisfaction of the Executive Secretary, that if the species to be cultivated in the aquacultural project is not indigenous to the immediate geographical area, there shall be minimal adverse effects on the flora and fauna indigenous to the area, and the total commercial value of the introduced species is at least equal to that of the displaced or affected indigenous flora and fauna;

4. The Executive Secretary determines that the crop will not have significant potential for human health hazards resulting from its consumption;

5. The Executive Secretary determines that migration of pollutants from the designated project area to waters of the State outside of the aquaculture project will not cause or contribute to

a violation of the water quality or applicable standards and limitations applicable to the supplier of the pollutant that would govern if the aquaculture project were itself a point source. The approval of an aquaculture project shall not result in the enlargement of a pre-existing mixing zone area beyond what had been designated by the State for the original discharge.

(b) No permit will be issued for any aquaculture project in conflict with a water quality management plan or an amendment to a 208 plan approved by EPA.

(c) Designated project areas shall not include a portion of a body of water large enough to expose a substantial portion of the indigenous biota to the conditions within the designated project area.

(d) Any pollutants not required by or beneficial to the aquaculture crop shall not exceed applicable standards and limitations when entering the designated project area.

7.3 CRITERIA AND STANDARDS FOR DETERMINING FUNDAMENTALLY DIFFERENT FACTORS

(1) Purpose and scope.

(a) This section establishes the criteria and standards to be used in determining whether effluent limitations required by effluent limitations guidelines hereinafter referred to as "national limits", should be imposed on a discharger because factors relating to the discharger's facilities, equipment, processes or other factors related to the discharger are fundamentally different from the factors considered by EPA in development of the national limits. This section applies to all national limits promulgated except for best practicable treatment (BPT) standards for stream electric plants.

(b) In establishing national limits, EPA takes into account all the information it can collect, develop and solicit regarding the factors listed in sections 304(g) of the Clean Water Act. In some cases, however, data which could affect these national limits as they apply to a particular discharge may not be available or may not be considered during their development. As a result, it may be necessary on a case-by-case basis to adjust the national limits, and make them either more or less stringent as they apply to certain dischargers within an industrial category or subcategory. This will only be done if data specific to that discharger indicates it presents factors fundamentally different from those considered in developing the limit at issue. Any interested person believing that factors relating to a discharger's facilities, equipment, processes or other facilities related to the discharger are fundamentally different from the factors considered during development of the national limits may request a fundamentally different factors variance under R317-8-2.3(1). In addition, such a variance may be proposed by the Executive Secretary in the draft permit.

(2) Criteria.

(a) A request for the establishment of effluent limitations under this section shall be approved only if:

1. There is an applicable national limit which is applied in the permit and specifically controls the pollutant for which alternative effluent limitations or standards have been requested; and

2. Factors relating to the discharge controlled by the permit are fundamentally different from those considered by EPA in establishing the national limit; and

3. The request for alternative effluent limitations or standards is made in accordance with the procedural requirements of R317-8-6.

(b) A request for the establishment of effluent limitations less stringent than those required by national limits guidelines will be approved only if:

1. The alternative effluent limitation requested is not less stringent than justified by the fundamental difference; and

2. The alternative effluent limitation or standard will ensure compliance with the UPDES regulations and the Utah Water Quality Act.

3. Compliance with the national limits, either by using the technologies upon which the national limits are based or by other control alternative, would result in:

a. A removal cost wholly out of proportion to the removal cost considered during development of the national limits; or

b. A non-water quality environmental impact, including energy requirements, fundamentally more adverse than the impact considered during development of the national limits.

(c) A request for alternative limits more stringent than required by national limits shall be approved only if:

1. The alternative effluent limitation or standard requested is no more stringent than justified by the fundamental difference; and

2. Compliance with the alternative effluent limitation or standard would not result in:

a. A removal cost wholly out of proportion to the removal cost considered during development of the national limits; or

b. A non-water quality environmental impact, including energy requirements, fundamentally more adverse than the impact considered during development of the national limits.

(d) Factors which may be considered fundamentally different are:

1. The nature or quality of pollutants contained in the raw wasteload of the applicant's process wastewater;

2. The volume of the discharger's process wastewater and effluent discharged;

3. Non-water quality environmental impact of control and treatment of the discharger's raw waste load;

4. Energy requirements of the application of control and treatment technology;

5. Age, size, land availability, and configuration as they relate to the discharger's equipment or facilities; processes employed; process changes; and engineering aspects of the application of control technology;

6. Cost of compliance with required control technology.

(c) A variance request or portion of such a request under this section will not be granted on any of the following grounds:

1. The infeasibility of installing the required waste treatment equipment within the time allowed in R317-8-7.1.

2. The assertion that the national limits cannot be achieved with the appropriate waste treatment facilities installed, if such assertion is not based on factor(s) listed in paragraph (d) of this section;

3. The discharger's ability to pay for the required waste-treatment; or

4. The impact of a discharge on local receiving water quality.

(3) Method of application.

(a) A written request for a variance under this regulation shall be submitted in duplicate to the Executive Secretary in accordance with R317-8-6.

(b) The burden is on the person requesting the variance to explain that:

1. Factor(s) listed in subsection (2) of this section regarding the discharger's facility are fundamentally different from the factors EPA considered in establishing the national limits. The person making the request shall refer to all relevant material and information, such as the published guideline regulations development document, all associated technical and economic data collected for use in developing each national limit, all records of legal proceedings, and all written and printed documentation including records of communication relevant to the regulations.

2. The alternative limitations requested are justified by the fundamental difference alleged in subparagraph 1 of this subsection; and

3. The appropriate requirements of subsection 2 of this section have been met.

7.4 CRITERIA FOR DETERMINING ALTERNATIVE EFFLUENT LIMITATIONS

(1) Purpose and scope. The factors, criteria and standards for the establishment of alternative thermal effluent limitations will be used in UPDES permits and will be referred to as R317-8-2.3(4) variances.

(2) Definitions. For the purpose of this section:

(a) "Alternative effluent limitations" means all effluent limitations or standards of performance for the control of the thermal component of any discharge which are established under R317-8-2.3(4).

(b) "Representative important species" means species which are representative of a balanced, indigenous community of shellfish and wildlife in the body of water into which a discharge of heat is made.

(c) The term "balanced, indigenous community" means a biotic community typically characterized by diversity, the capacity to sustain itself through cyclic seasonal changes, presence of necessary food chain species and by a lack of domination by pollution tolerant species. Such a community may include historically non-native species introduced in connection with a program of wildlife management and species whose presence or abundance results from substantial, irreversible environmental modification. Normally, however, such a community will not include species whose presence or abundance is attributable to the introduction of pollutants that will be eliminated by compliance by all sources with R317-8-4.1(l)(6) and may not include species whose presence of abundance is attributable to alternative effluent limitations imposed pursuant to R317-8-2.3(4).

(3) Early screening of applications for R317-8-2.3(4) variance.

(a) Any initial application for the variance shall include the following early screening information:

1. A description of the alternative effluent limitation requested;

2. A general description of the method by which the discharger proposes to demonstrate that the otherwise applicable thermal discharge effluent limitations are more stringent than necessary;

3. A general description of the type of data, studies, experiments and other information which the discharger intends to submit for the demonstration; and

4. Such data and information as may be available to assist the Executive Secretary in selecting the appropriate representative important species.

(b) After submitting the early screening information under paragraph (a) of this subsection, the discharger shall consult with the Executive Secretary at the earliest practicable time, but not later than thirty (30) days after the application is filed, to discuss the discharger's early screening information. Within sixty (60) days after the application is filed, the discharger shall submit for the Executive Secretary's approval a detailed plan of study which the discharger will undertake to support its R317-8-2.3(4) demonstration. The discharger shall specify the nature and extent of the following type of information to be included in the plan of study: biological, hydrographical and meteorological data; physical monitoring data; engineering or diffusion models; laboratory studies: representative important species; and other relevant information. In selecting representative important species, special consideration shall be given to species mentioned in applicable water quality standards. After the discharger submits its detailed plan of study, the Executive Secretary will either approve the plan or specify any necessary revisions to the plan. The discharger shall provide any additional information or studies which the Executive Secretary subsequently determines necessary to support the demonstration, including such studies or inspections as may be necessary to select representative important species. The discharger may provide any additional information or studies which the discharger feels are appropriate to support the administration.

(c) Any application for the renewal of R317-8-2.3(4) variance shall include only such information described in R317-8-7.4(3)(a) and (b) and R317-8-6 as the Executive Secretary requests within sixty (60) days after receipt of the permit application.

(d) The Executive Secretary shall promptly notify the Secretaries of the U.S. Departments of Commerce and Interior and any affected state of the filing of the request and shall consider any timely recommendations they submit.

(e) In making the demonstration the discharger shall consider any information or guidance published by EPA to assist in making such demonstrations.

(f) If an applicant desires a ruling on a R317-8-2.7 (4) application before the ruling on any other necessary permit terms and conditions, it shall so request upon filing its application under paragraph (a) of this subsection. This request will be granted or denied at the discretion of the Executive Secretary.

(4) Criteria and standards for the determination of alternative effluent limitations.

(a) Thermal discharge effluent limitations or standards established in permits may be less stringent than those required by applicable standards and limitations if the discharger demonstrates to the satisfaction of the Executive Secretary that such effluent limitations are more stringent than necessary to assure the protection and propagation of a balanced, indigenous community of shellfish, fish and wildlife in and on the body of water into which the discharge is made. This demonstration shall show that the alternative effluent desired by the discharger, considering the cumulative impact of its thermal discharge together with all other significant impacts on the species affected, will assure the protection and propagation of a balanced indigenous community of shellfish, fish and wildlife in and on the body of water into which the discharge is to be made.

(b) In determining whether or not the protection and propagation of the affected species will be assured, the Executive Secretary may consider any information contained or referenced in any applicable thermal water quality criteria and information published by the Administrator under CWA section 304(a) (33 U.S.C. Section 1314(a)) or any other information which may be relevant.

(c) Existing dischargers may base their demonstration upon the absence of prior appreciable harm in lieu of predictive studies. Any such demonstrations shall show:

1. That no appreciable harm has resulted from the normal component of the discharge, taking into account the interaction of such thermal component with other pollutants and the additive effect of other thermal sources to a balanced, indigenous community of shellfish, fish and wildlife in and on the body of water into which the discharge has been made; or

2. That despite the occurrence of such previous harm, the desired alternative effluent limitations, or appropriate modifications thereof, shall nevertheless assure the protection and propagation of a balanced, indigenous community of shellfish, fish and wildlife in and on the body of water into which the discharge is made.

(5) In determining whether or not appreciable harm has occurred, the Executive Secretary will consider the length of time in which the applicant has been discharging and the nature of the discharge.

7.5 CRITERIA AND STANDARDS FOR BEST MANAGEMENT PRACTICES

(1) Purpose and Scope.

Best management practices (BMPs) for ancillary industrial activities shall be reflected in permits, including best

management practices promulgated in effluent limitations and established on a case-by-case basis in permits.

(2) Definition.

"Manufacture" means to produce as an intermediate or final product, or by-product.

(3) Applicability of best management practices.

Dischargers who use, manufacture, store, handle or discharge any pollutant listed as toxic or any pollutant listed as hazardous are subject to the requirements of R317-8-7.5 for all activities which may result in significant amounts of those pollutants reaching waters of the State. These activities are ancillary manufacturing operations including: Materials storage areas; in-plant transfer, process and material handling areas; loading and unloading operations; plant site runoff; and sludge and waste disposal areas.

(4) Permit terms and conditions.

(a) Best management practices shall be expressly incorporated into a permit where required by an applicable promulgated effluent limitations guideline;

(b) Best management practices may be expressly incorporated into a permit on a case-by-case basis where determined necessary. In issuing a permit containing BMP requirements, the Executive Secretary shall consider the following factors:

1. Toxicity of the pollutant(s);

2. Quantity of the pollutants(s) used, produced, or discharged;

3. History of UPDES permit violations;

4. History of significant leaks or spills of toxic or hazardous pollutants;

5. Potential for adverse impact on public health (e.g., proximity to a public water supply) or the environment (e.g., proximity to a sport or commercial fishery); and

6. Any other factors determined to be relevant to the control of toxic or hazardous pollutants.

(c) Best management practices may be established in permits under R317-8-7.5(4)(b) alone or in combination with those required under R317-8-7.5(4)(a).

(d) In addition to the requirements of R317-8-7.5(4)(a) and (b), dischargers covered under R317-8-7.5(4) shall develop and implement a best management practices program in accordance with R317-8-7.5(5) which prevents, or minimizes the potential for, the release of toxic or hazardous pollutants from ancillary activities to waters of the State.

(5) Best management practices programs.

(a) BMP programs shall be developed in accordance with good engineering practices and with the provisions of this subpart.

(b) The BMP program shall:

1. Be documented in narrative form, and shall include any necessary plot plans, drawings or maps;

2. Establish specific objectives for the control of toxic and hazardous pollutants.

a. Each facility component or system shall be examined for its potential for causing a release of significant amounts of toxic or hazardous pollutants to waters of the State due to equipment failure, improper operation, natural phenomena such as rain or snowfall.

b. Where experience indicates a reasonable potential for equipment failure (e.g., a tank overflow or leakage), natural condition (e.g., precipitation), or other circumstances to result in significant amounts of toxic or hazardous pollutants reaching surface waters, the program should include a prediction of the direction, rate of flow and total quantity of toxic or hazardous pollutants which could be discharged from the facility as a result of each condition or circumstance;

3. Establish specific best management practices to meet the objectives identified under R317-8-7.5(5)(b)2, addressing each component or system capable of causing a release of significant amounts of toxic or hazardous pollutants to the waters of the State;

4. The BMP program: a. May reflect requirements for Spill Prevention Control and Countermeasure (SPCC) plans under section 311 of the CWA and 40 CFR Part 151, and Storm Water Pollution Prevention Plans (SWPP),and may incorporate any part of such plans into the BMP program by reference;

b. Shall assure the proper management of solid and hazardous waste in accordance with regulations promulgated under the Solid Waste Disposal Act, as amended by the Resource Conservation and Recovery Act of 1976 (RCRA). Management practices required under RCRA regulations shall be expressly incorporated into the BMP program; and

c. Shall address the following points for the ancillary activities in R317-8-7.4A(3):

i. Statement of policy;

ii. Spill Control Committee;

iii. Material inventory;

iv. Material compatibility;

v. Employee training;

vi. Reporting and notification procedures;

vii. Visual inspections;

viii. Preventative maintenance;

ix. Housekeeping; and

x. Security.

5. The BMP program must be clearly described and submitted as part of the permit application. An application which does not contain a BMP program shall be considered incomplete. Upon receipt of the application, the Executive Secretary shall approve or modify the program in accordance with the requirements of this subpart. The BMP program as approved or modified shall be included in the draft permit. The BMP program shall be subject to the applicable permit issuance requirements of R317-8, resulting in the incorporation of the program (including any modifications of the program resulting from the permit issuance procedures) into the final permit.

6. Proposed modifications to the BMP program which affect the discharger's permit obligations shall be submitted to the Executive Secretary for approval. If the Executive Secretary approves the proposed BMP program modification, the permit shall be modified in accordance with R317-8-5.6, provided that the Executive Secretary may waive the requirements for public notice and opportunity for public hearing on such modification if he or she determines that the modification is not significant. The BMP program, or modification thereof, shall be fully implemented as soon as possible but not later than one year after permit issuance, modification, or revocation and reissuance unless the Executive Secretary specifies a later date in the permit.

(c) The discharger shall maintain a description of the BMP program at the facility and shall make the description available to the Executive Secretary upon request.

(d) The owner or operator of a facility subject to this subpart shall amend the BMP program in accordance with the provisions of this subpart whenever there is a change in facility design, construction, operation, or maintenance which materially affects the facility's potential for discharge of significant amounts of hazardous or toxic pollutants into the waters of the State.

(e) If the BMP program proves to be ineffective in achieving the general objective of preventing the release of significant amounts of toxic or hazardous pollutants to those waters and the specific objectives and requirements under R317-8-7.5(5)(b), the permit and/or the BMP program shall be subject to modification to incorporate revised BMP requirements.

7.6 TOXIC POLLUTANTS. References throughout the UPDES regulations establish specific requirements for discharges of toxic pollutants. Toxic pollutants are listed below:

(1) Acenaphthene
(2) Acrolein
(3) Acrylonitrile
(4) Aldrin/Dieldrin
(5) Antimony and compounds
(6) Arsenic and compounds
(7) Asbestos
(8) Benzene
(9) Benzidine
(10) Beryllium and compounds
(11) Cadmium and compounds
(12) Carbon tetrachloride
(13) Chlordane (technical mixture and metabolites)
(14) Chlorinated benzenes (other than dichlorobenzenes)
(15) Chlorinated ethanes (including 1,2-dichloroethan, 1,1,1-trichloroethane, and hexachloroethane)
(16) Chloroalkyl ethers (chloromethyl, chloroethyl, and moxed ethers)
(17) Chlorinated naphthalene
(18) Chlorinated phenols (other than those listed elsewhere; includes trichlorophenols and chlorinated cresols)
(19) Chloroform
(20) 2-chlorophenol
(21) Chromium and compounds
(22) Copper and compounds
(23) Cyanides
(24) DDT and metabolites
(25) Dichlorobenzenes (1,2-, 1,3-, and 1,4-dichlorobenzenes)
(26) Dichlorobenzidine
(27) Dichloroethylenes (1,1- and 1,2-dichloroethylene)
(28) 2,4-dimethylphenol
(29) Dichloropropane and dichloropropene
(30) 2,4-dimethylphenol
(31) Dinitrotoluene
(32) Diphenylhydrazine
(33) Endosulfan and metabolities
(34) Ethylbenzene
(35) Enthylbenzene
(36) Fluoranthene
(37) Haloethers (other than those listed elsewhere; includes chlorophenylphenyl ethers, bromophenylphenyl ether, bis(dichloroisopropyl) ether, bis-(chloroethoxy) methane and polychlorinated diphenyl ethers)
(38) Halomethanes (other than those listed elsewhere; includes methylene chloride, methylchloride, methylbromide, bromoform, dichlorobromomethane
(39) Heptachlor and metabolites
(40) Hexachlorobutadiene
(41) Hexachlorocyclohexane
(42) Hexachlorocyclopentadiene
(43) Isophorone
(44) Lead and compounds
(45) Mercury and compounds
(46) Naphthalene
(47) Nickel and compounds
(48) Nitrobenze
(49) Nitrophenols (including 2,4-dinitrophenol, dinitrocresol)
(50) Nitrosamines
(51) Pentachlorophenol
(52) Phenol
(53) Phthalate esters
(54) Polychlorinated biphenyls (PCBs)
(55) Polynuclear aromatic hydrocarbons (including benzanthracenes, benzopyrenes, benzofluranthene, chrysenes, dibenzanthracenes, and indenopyrenes)
(56) Selenium and compounds
(57) Silver and compounds
(58) 2,3,7,8-tetrachloro/dibenzo-p-dioxin (TCDD)
(59) Tetrachloroethylene
(60) Thallium and compounds
(61) Toluene
(62) Toxaphene
(63) Trichloroethylene
(64) Vinyl chloride
(65) Zinc and compounds

7.7 CRITERIA FOR EXTENDING COMPLIANCE DATES FOR FACILITIES INSTALLING INNOVATIVE TECHNOLOGY

(1) Purpose and Scope. This Section establishes the criteria and procedures to be used in determining whether an industrial discharger will be granted a compliance extension for the installation of an innovative technology.

(2) Authority. The Executive Secretary, in consultation with the Administrator, may grant a compliance extension for BAT limitations to a discharger which installs an innovative technology. The innovative technology must produce either a significantly greater effluent reduction than that achieved by the best available technology economically achievable (BAT) or the same level of treatment as BAT at a significantly lower cost. The Executive Secretary is authorized to grant compliance extensions to a date no later than 2 years after the date for compliance with the effluent limitations which would otherwise be applicable.

(3) Definitions.

(a) The term "innovative technology" means a production process, a pollution control technique, or a combination of the two which satisfies one of the criteria in R317-8-7.8(4) and which has not been commercially demonstrated in the industry of which the requesting discharger is a part.

(b) The term "potential for industry-wide application" means that an innovative technology can be applied in two or more facilities which are in one or more industrial categories.

(c) The term "significantly greater effluent reduction than BAT" means that the effluent reduction over BAT produced by an innovative technology is significant when compared to the effluent reduction over best practicable control technology currently available (BPT) produced by BAT.

(d) The term "significantly lower cost" means that an innovative technology must produce a significant cost advantage when compared to the technology used to achieve BAT limitations in terms of annual capital costs and annual operation and maintenance expenses over the useful life of the technology.

(4) Request for Compliance Extension. The Executive Secretary shall grant a compliance extension to a date no later than 2 years after the date for compliance with the effluent limitations which would otherwise be applicable to a discharger that demonstrates:

(a) That the installation and operation of its proposed innovative technology at its facility will result in a significantly greater effluent reduction than BAT and has the potential for industry-wide application; or

(b) That the installation and operation of its proposed innovative technology at its facility will result in the same effluent reduction as BAT at a significantly lower cost and has the potential for industry-wide application.

(5) Permit conditions. The Executive Secretary may include any of the following conditions in the permit of a discharger to which a compliance extension beyond the otherwise applicable date is granted:

(a) A requirement that the discharger report annually on the installation, operation and maintenance costs of the innovative technology;

(b) Alternative BAT limitations that the discharger must meet as soon as possible and not later than 2 years after the date for compliance with the effluent limitation which would otherwise be applicable if the innovative technology limitations

that are more stringent than BAT are not achievable.

(6) Signatories to Request for Compliance Extension.

(a) All requests must be signed in accordance with the provisions of R317-8-3.4.

(b) Any person signing a request under paragraph (a) of this section shall make the following certification:

"I certify under penalty of law that I have personally examined and am familiar with the information submitted in this document and all attachments and that, based on my inquiry of those individuals immediately responsible for obtaining the information, I believe that the information is true, accurate and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment."

(c) A professional engineer shall certify that the estimates by the applicant of the costs for the BAT control equipment and for the innovative technology are made in accordance with good engineering practice and represent, in his judgment, the best information available. The Executive Secretary may waive the requirements for certification under this subsection if, in his opinion, the cost of such certification is unreasonable when compared to the annual sales of the applicant.

(7) Supplementary Information and Record keeping.

(a) In addition to the information submitted in support of the request, the applicant shall provide the Executive Director, at his or her request, such other information as the Executive Director may reasonably require to assess the performance and cost of the innovative technology.

(b) Applicants shall keep records of all data used to complete the request for a compliance extension for the life of the permit containing the compliance extension.

(8) Procedures.

(a) The procedure for requesting a section 301(k) compliance extension is contained in R317-8-2.8. In addition, notwithstanding R317-8-2.3(3), the Executive Secretary may accept applications for such extensions after the close of the public comment period on the permit if the applicant can show that information necessary to the development of the innovation was not available at the time the permit was written and that the innovative technology can be installed and operated in time to comply no later than 2 years after the date for compliance with the effluent limitation which would otherwise be applicable.

R317-8-8. Pretreatment.

8.1 APPLICABILITY

(1) This section applies to the following:

(a) Pollutants from non-domestic sources covered by Pretreatment Standards which are indirectly discharged, transported by truck or rail, or otherwise introduced into POTWs;

(b) POTWs which receive wastewater from sources subject to National Pretreatment Standards; and

(c) Any new or existing source subject to National Pretreatment Standards.

(2) National Pretreatment Standards do not apply to sources which discharge to a sewer which is not connected to a POTW.

8.2 DEFINITIONS. The following definitions pertain to indirect dischargers and POTWs subject to pretreatment standards and the UPDES program.

(1) "Approval Authority" means the Executive Secretary.

(2) "Approved POTW pretreatment program or Program or POTW Pretreatment Program" means a program administered by a POTW that meets the criteria established in R317-8-8.8 and 8.9 and which has been approved by the Executive Secretary in accordance with R317-8-8.10.

(3) "Best Management Practices or BMPs" means schedules of activities, prohibitions of practices, maintenance procedures and other management practices to implement the prohibitions listed in R317-8-8.5(1) and (3). BMPs also include treatment requirements, operating procedures and practices to control plant site runoff, spillage or leaks, sludge or waste disposal or drainage from raw materials storage.

(4) "Control Authority" means the POTW if the POTW's submission for its pretreatment program has been approved by the Executive Secretary in accordance with the requirements in R317-8-8.10 or the Executive Secretary if the submission has not been approved.

(5) "Indirect discharge" or "discharge" means the introduction of pollutants into a POTW from any non-domestic source regulated by the UPDES program.

(6) "Industrial User" or "User" means a source of indirect discharge.

(7) "Interference" means a discharge which, alone or in conjunction with a discharge or discharges from other sources both:

(a) Inhibits or disrupts the POTW, its treatment processes or operations, or its sludge processes, use or disposal; and

(b) Therefore is a cause of a violation of any requirement of the POTW's UPDES permit (including an increase in the magnitude or duration of a violation) or of the prevention of sewage sludge use or disposal in compliance with the following statutory provisions and regulations or permits issued thereunder.

(8) "National Pretreatment Standard, Pretreatment Standard or Standard" means any regulation containing pollutant discharge limits promulgated by EPA in accordance with section 307 (b) and (c) of the CWA, which applies to Industrial Users. This includes prohibitive discharge limits established pursuant to R317-8-8.5.

(9) "New Source" means any building, structure, facility, or installation from which there is or may be a discharge of pollutants, the construction of which commenced after publication of proposed Pretreatment Standards under section 307(c) of the (CWA) which will be applicable to such source, if such standards are thereafter promulgated in accordance with that section. See R317-8-8.3 for provisions applicable to this definition.

(10) "Pass through" means a discharge which exits the POTW into waters of the State in quantities or concentrations which, alone or in conjunction with a discharge or discharges from other sources, is a cause of violation of any requirement of the POTW's UPDES permit (including an increase in the magnitude or duration of violation).

(11) "POTW treatment plant" means that portion of the POTW which is designed to provide treatment, including recycling and reclamation of municipal sewage and industrial waste.

(12) "Pretreatment" means the reduction of the amount of pollutants, the elimination of pollutants or the alteration of the nature of pollutant properties in wastewater prior to or in lieu of discharging or otherwise introducing such pollutants into a POTW. The reduction or alteration may be obtained by physical, chemical or biological processes, process changes or by other means, except as prohibited by 40 CFR 403.6(d). Appropriate pretreatment technology includes control equipment, such as equalization tanks or facilities, for protection against surges or slug loading that might interfere with or otherwise be incompatible with the POTW. However, where wastewater from a regulated process is mixed in an equalization facility with unregulated wastewater or with wastewater from another regulated process, the effluent from the equalization facility must meet an adjusted pretreatment limit calculated in accordance with 40 CFR 403.6(e).

(13) "Pretreatment requirements" means any substantive or procedural requirements related to pretreatment, other than a National Pretreatment Standard, imposed on an Industrial User.

(14) The term "Publicly Owned Treatment Works" or "POTW" means a treatment works which is owned by State or municipality within the State. This definition includes any devices and systems used in the storage, treatment, recycling and reclamation of municipal sewage or industrial wastes of a liquid nature. It also includes sewers, pipes and other conveyances only if they convey wastewater to a POTW Treatment Plant. The term also means the municipality which has jurisdiction over the Indirect Discharges to and the discharges from such a treatment works.

(15) "Significant Industrial User"

(a) Except as provided in R317-8-8.2(16)(b) and (c), the term Significant Industrial User means:

1. All Industrial Users subject to Categorical Pretreatment Standards under 40 CFR 403.6 and 40 CFR Parts 405 through 471; and

2. Any other Industrial User that discharges an average of 25,000 gallons per day or more of process wastewater to the POTW (excluding sanitary, noncontact cooling and boiler blowdown wastewater); contributes a process wastestream which makes up 5 percent or more of the average dry weather hydraulic or organic capacity of the POTW treatment plant; or designated as such by the Control Authority on the basis that the Industrial User has a reasonable potential for adversely affecting the POTW's operation or for violating any Pretreatment Standard or requirement.

(b) The Control Authority may determine that an Industrial User subject to Categorical Pretreatment Standards under 40 CFR 403.6 and 40 CFR chapter I, subchapter N is a Non-Significant Categorical Industrial User rather than a Significant Industrial User on a finding that the Industrial User never discharges more than 100 gallons per day (gpd) of total categorical wastewater (excluding sanitary, non-contact cooling and boiler blowdown wastewater, unless specifically included in the Pretreatment Standard) and the following conditions are met:

1. The Industrial User, prior to the Control Authority's finding, has consistently complied with all applicable Categorical Pretreatment Standards and Requirements;

2. The Industrial User annually submits the certification statement required in R317-8-8.11(14) together with any additional information necessary to support the certification statement; and

3. The Industrial User never discharges any untreated concentrated wastewater.

(c) Upon a finding that an Industrial User meeting the criteria in R317-8-8.2(15)(a)2. of this section has no reasonable potential for adversely affecting the POTW's operation or for violating any Pretreatment Standards or requirement, the Control Authority may at any time, on its own initiative or in response to a petition received from an Industrial User or POTW, and in accordance with R317-8-8.8(6)(b)12. , determine that such Industrial User is not a Significant Industrial User.

(16) "Submission" means

(a) a request by a POTW for approval of a pretreatment program to the Executive Secretary or

(b) a request by a POTW for authority to revise the discharge limits in Categorical Pretreatment Standards to reflect POTW pollutant removals.

8.3 PROVISIONS APPLICABLE TO DEFINITIONS. The following provisions are applicable to the definition of "New Source" provided that:

(1) The building, structure, facility or installation is constructed at a site at which no other source is located, or

(2) The building, structure, facility or installation totally replaces the process or production equipment that causes the discharge of pollutants at an existing source, or

(3) The production or wastewater generating process of the building, structure, facility or installation are substantially independent of an existing source at the same site. In determining whether these are substantially independent, factors such as the extent to which the new facility is integrated with the existing plant, and the extent to which the new facility is engaged in the same general type of activity as the existing source should be considered.

(4) Construction on a site at which an existing source is located results in a modification rather than a new source if the construction does not create a new building, structure, facility or installation meeting the criteria of R317-8-8.3(2) or (3) but otherwise alters, replaces, or adds to existing process or production equipment.

(5) construction of a new source as defined has commenced if the owner or operator has:

(a) Begun, or caused to begin as part of a continuous on-site construction program:

1. Any placement, assembly, or installation of facilities or equipment: or

2. Significant site preparation work including clearing, excavation, or removal of existing buildings, structures, or facilities which is necessary for the placement, assembly or installation of new source facilities or equipment: or

3. Entered into a binding contractual obligation for the purchase of facilities or equipment which are intended to be used in its operation within a reasonable time. Options to purchase or contracts which can be terminated or modified without substantial loss, and contracts for feasibility, engineering, and design studies do not constitute a contractual obligation.

8.4 LOCAL LAW. Nothing in this rule is intended to affect any pretreatment requirements, including any standards or prohibitions established by local law as long as the local requirements are not less stringent than any set forth in national pretreatment standards, or any other requirements or prohibitions established by the Executive Secretary.

8.5 NATIONAL PRETREATMENT STANDARDS: Prohibited Discharges

(1) General Prohibitions. Pollutants introduced into POTWs by a non-domestic source shall not pass through the POTW or interfere with the operation or performance of the works. These general prohibitions and the specific prohibitions in R317-8-8.5(3) apply to all non-domestic sources introducing pollutants into a POTW whether or not the source is subject to other National Pretreatment Standards or any national, State or local pretreatment requirements.

(2) Affirmative Defenses. A User shall have an affirmative defense in any action brought against it alleging a violation of the general prohibitions established in R317-8-8.5(1) and the specific prohibitions in R317-8-8.5(3)(c),(d),(e), and (g) where the User can demonstrate that:

(a) It did not know or have reason to know that its discharge, alone or in conjunction with a discharge or discharges from other sources, would cause pass through or interference; and

(b)1. A local limit designed to prevent pass through and/or interference, as the case may be, was developed in accordance with R317-8-8.5(4) for each pollutant in the User's discharge that caused pass through or interference, and the User was in compliance with each such local limit directly prior to and during the pass through or interference; or

2. If a local limit designed to prevent pass through and/or interference, as the case may be, has not been developed in accordance with R317-8-8.5(4) for the pollutant(s) that caused the pass through or interference, the User's discharge directly prior to and during the pass through or interference did not change substantially in nature or constituents from the User's prior discharge activity when the POTW was regularly in compliance with the POTW's UPDES permit requirements and, in the case of interference, applicable requirements for sewage

sludge use or disposal.

(3) Specific Prohibitions. In addition, the following pollutants shall not be introduced into a POTW:

(a) Pollutants which create a fire or explosion hazard in the POTW, including, but not limited to, wastestreams with a closed cup flashpoint of less than 140 degrees Fahrenheit or 60 degrees Centigrade using the test methods specified in R315-2-1.

(b) Pollutants which will cause corrosive structural damage to the POTW, but in no case discharges with pH lower than 5.0, unless the works is specifically designed to accommodate such discharges;

(c) Solid or viscous pollutants in amounts which will cause obstruction to the flow in the POTW resulting in interference;

(d) Any pollutant, including oxygen demanding pollutants (BOD, etc.) released in a discharge at a flow rate and/or pollutant concentration which will cause interference with the POTW:

(e) Heat in amounts which will inhibit biological activity in the POTW resulting in interference, but in no case heat in such quantities that the temperature at the POTW treatment plant exceeds 40 degrees C (104 degrees F) unless the Executive Secretary, upon request of the POTW, approves alternate temperature limits.

(f) Petroleum oil, nonbiodegradable cutting oil, or products of mineral oil origin in amounts that will cause interference or pass through;

(g) Pollutants which result in the presence of toxic gases, vapors, or fumes within the POTW in a quantity that may cause acute worker health and safety problems; and

(h) Any trucked or hauled pollutants, except at discharge points designated by the POTW.

(4) When specific limits must be developed by POTW.

(a) POTWs developing POTW pretreatment programs shall develop and enforce specific limits to implement the prohibitions listed in R317-8-8.5(1) and R317-8-8.5(3). Each POTW with an approved pretreatment program shall continue to develop these limits as necessary and effectively enforce such limits;

(b) All other POTWs shall, in cases where pollutants contributed by User(s) result in interference or pass-through, and such violation is likely to recur, develop and enforce specific effluent limits for Industrial User(s), and all other users, as appropriate, which, together with appropriate changes in the POTW treatment plant's facilities or operation, are necessary to ensure renewed and continued compliance with the POTW's UPDES permit or sludge use or disposal practices;

(c) Specific effluent limits shall not be developed and enforced without individual notice to persons or groups who have requested such notice and an opportunity to respond.

(5) Local Limits. Where specific prohibitions or limits on pollutants or pollutant parameters are developed by a POTW in accordance with R317-8-8.5(4), such limits shall be deemed pretreatment standards for purposes of 19-5-108 of the Utah Water Quality Act.

(6) State enforcement actions. If, within 30 days after notice of an interference or pass through violation has been sent by the Executive Secretary to the POTW, and to persons or groups who have requested such notice, the POTW fails to commence appropriate enforcement action to correct the violation, the Executive Secretary may take appropriate enforcement action.

(7) POTWs may develop Best Management Practices (BMPs) to implement R317-8-8.5(4)(a) and (b). Such BMPs shall be considered local limits and Pretreatment Standards for the purposes of this part and section 307(d) of the CWA

8.6 NATIONAL PRETREATMENT STANDARDS: Categorical Standards

40 CFR 403.6 is incorporated by reference as indicated in R317-8-1.10(4)

(1) In addition to the general prohibitions in R317-8-8.5(1), all indirect dischargers shall comply with national pretreatment standards in 40 CFR Chapter I, Subchapter N. Compliance shall be required within the time specified in the appropriate subpart of Subchapter N.

(2) Industrial Users may request the Executive Secretary to provide written certification on whether an Industrial User falls within a particular subcategory. The Executive Secretary will act upon that request in accordance with the procedures in 40 CFR 403.6.

(3) Limitations for Industrial Users will be imposed in accordance with 40 CFR 403.6 (c) - (e).

8.7 REMOVAL CREDITS. POTWs may revise pollutant discharge limits specified in Categorical Pretreatment Standards to reflect removal of pollutants by the POTW. Revisions must be made in accordance with the provisions of 40 CFR 403.7.

8.8 POTW PRETREATMENT PROGRAMS: Development by POTW

(1) POTW required to develop a pretreatment program. Any POTW, or combination of POTWs operated by the same authority, with a total design flow greater than 5 million gallons per day (mgd) and receiving from Industrial Users pollutants which pass through or interfere with the operation of the POTW or are otherwise subject to pretreatment standards shall be required to establish a POTW pretreatment program unless the Executive Secretary exercises the option to assume local responsibility as provided for in R317-8-8.8(6)(b)13. The Executive Secretary may require that a POTW with a design flow of 5 mgd or less develop a POTW pretreatment program if it is found that the nature or volume of the industrial influent, treatment process upsets, violations of POTW effluent limitations, contamination of municipal sludge, or other circumstances so warrant in order to prevent interference or pass through.

(2) Deadline for Program Approval. POTWs identified as being required to develop a POTW pretreatment program under R317-8-8.8(1) shall develop and submit such a program for approval as soon as possible, but in no case later than one year after written notification from the Executive Secretary of such identification. The POTW pretreatment program shall meet the criteria set forth in R317-8-8.8(6) and shall be administered by the POTW to ensure compliance by Industrial Users with applicable pretreatment standards and requirements.

(3) Incorporation of Approved Programs in Permits. A POTW may develop an approvable POTW pretreatment program any time before the time limit set forth in R317-8-8.8(2). The POTW's UPDES permit will be modified under R317-8-5.6(3)(g) to incorporate the approved program conditions as enforceable conditions of the permit.

(4) Incorporation of Compliance Schedules in Permits. If the POTW does not have an approved pretreatment program at the time the POTWs existing permit is reissued or modified, the reissued or modified permit will contain the shortest reasonable compliance schedule, not to exceed three years, for the approval of the legal authority, procedures and funding required by paragraph (6) of this subsection.

(5) Cause for Reissuance or Modification of Permits. The Executive Secretary may modify or revoke and reissue a POTW's permit in order to:

(a) Put the POTW on a compliance schedule for the development of a POTW pretreatment program where the addition of pollutants into a POTW by an Industrial User or combination of Industrial Users presents a substantial hazard to the functioning of the treatment works, quality of the receiving waters, human health, or the environment;

(b) Coordinate the issuance of a CWA Section 201 construction grant with the incorporation into a permit of a compliance schedule for POTW pretreatment program;

(c) Incorporate an approved POTW pretreatment program

in the POTW permit;

(d) Incorporate a compliance schedule for the development of a POTW pretreatment program in the POTW permit.

(e) Incorporate a modification of the permit approved under R317-8-5.6; or

(f) Incorporate the removal credits established under R317-8-8.7.

(6) Pretreatment Program Requirements: Development and Implementation by POTW. A POTW pretreatment program must be based on the following legal authority and include the following procedures. These authorities and procedures shall at all times be fully and effectively exercised and implemented.

(a) Legal authority. The POTW shall operate pursuant to legal authority enforceable in Federal, State or local courts which authorizes or enables the POTW to apply and to enforce the requirements of this section. The authority may be contained in a statute, ordinance, or series of contracts or joint powers agreements which the POTW is authorized to enact, enter into or implement, and which are authorized by State law. At a minimum, this legal authority shall enable the POTW to:

1. Deny or condition new or increased contributions of pollutants, or changes in the nature of pollutants, to the POTW by Industrial Users where such contributions do not meet applicable pretreatment standards and requirements or where such contributions would cause the POTW to violate its UPDES permit;

2. Require compliance with applicable pretreatment standards and requirements by Industrial Users;

3. Control, through permit, order or similar means, the contribution to the POTW by each Industrial User to ensure compliance with applicable pretreatment standards and requirements. In the case of Industrial Users identified as significant under R317-8-8.2(15), this control shall be achieved through permits or equivalent individual control mechanisms issued to each such User. Such control mechanisms must be enforceable and contain, at a minimum, the following conditions:

a. At the discretion of the POTW:

i. This control may include use of general control mechanisms if the following conditions are met. All of the facilities to be covered must:

A. Involve the same or substantially similar types of operations;

B. Discharge the same types of wastes;

C. Require the same effluent limitations;

D. Require the same or similar monitoring; and

E. In the opinion of the POTW, are more appropriately controlled under a general control mechanism than under individual control mechanisms.

ii. To be covered by the general control mechanism, the Significant Industrial User must file a written request for coverage that identifies its contact information, production processes, the types of wastes generated, the location for monitoring all wastes covered by the general control mechanism, any requests in accordance with R317-8-8.11(4)(b) for a monitoring waiver for a pollutant neither present nor expected to be present in the discharge, and any other information the POTW deems appropriate. A monitoring waiver for a pollutant neither present nor expected to be present in the discharge is not effective in the general control mechanism until after the POTW has provided written notice to the Significant Industrial User that such a waiver request has been granted in accordance with R317-8-8.11(4)(b). The POTW must retain a copy of the general control mechanism, documentation to support the POTW's determination that a specific Significant Industrial User meets the criteria in R317-8-8.8(6)(a)3.a.i.A. through E., and a copy of the User's written request for coverage for 3 years after the expiration of the general control mechanism. A POTW may not control a Significant Industrial User through a general control mechanism where the facility is subject to production-based Categorical Pretreatment Standards or Categorical Pretreatment Standards expressed as mass of pollutant discharged per day or for Industrial Users whose limits are based on the combined wastestream formula or Net/Gross calculations (40 CFR 403.6(e) and 40 CFR 403.15).

b. Both individual and general control mechanisms must be enforceable and contain, at a minimum, the following conditions:

i. Statement of duration (in no case more than five years);

ii. Statement of non-transferability without, at a minimum, prior notification to the POTW and provision of a copy of the existing control mechanism to the new owner or operator;

iii. Effluent limits, including Best Management Practices, based on applicable general pretreatment standards, Categorical Pretreatment Standards, local limits and State and local law;

iv. Self-monitoring, sampling, reporting, notification and record keeping requirements, including identification of the pollutants to be monitored (including the process for seeking a waiver for a pollutant neither present nor expected to be present in the discharge in accordance with R317-8-8.11(4)(b), or a specific waived pollutant in the case of an individual control mechanism), sampling location, sampling frequency, and sample type, based on the applicable general pretreatment standards, Categorical Pretreatment Standards, local limits, and State and local law;

v. Statement of applicable civil and criminal penalties for violation of pretreatment standards and requirements, and any applicable compliance schedule. Such schedules may not extend the compliance date beyond applicable federal deadlines; and

vi. Requirements to control Slug Discharges, if determined by the POTW to be necessary.

4. Require the development of a compliance schedule by each Industrial User for the installation of technology required to meet applicable pretreatment standards and requirements; including but not limited to the reports required in R317-8-8.11 of this section;

5. Require the submission of all notices and self-monitoring reports from Industrial Users as are necessary to assess and assure compliance by Industrial Users with pretreatment standards and requirements;

6. Carry out all inspection, surveillance and monitoring procedures necessary to determine, independent of information supplied by Industrial Users, compliance or noncompliance with applicable pretreatment standards and requirements by Industrial Users. Representatives of the POTW shall be authorized to enter any premises of any Industrial User in which a discharge source or treatment system is located or in which records are required to be kept under R317-8-8.11 of this section to assure compliance with pretreatment standards. Such authority shall be at least as extensive as the authority provided under Section 19-5-106(4) of the Utah Water Quality Act.

7. Obtain remedies for noncompliance by any Industrial User with any pretreatment standard and requirement. A POTW shall be able to seek injunctive relief for noncompliance and shall have authority to seek or assess civil or criminal penalties in at least the amount of $1,000 a day for each violation of pretreatment standards and requirements by Industrial Users. POTWs whose approved pretreatment programs require modification to conform to the requirements of this paragraph shall submit a request for approval of a program modification in accordance with Section R317-8-8.16 by November 16, 1989.

8. Pretreatment requirements enforced through the remedies set forth in R317-8-8.8(6)(a)7. shall include, but not be limited to, the duty to allow or carry out inspection entry or monitoring activities; any rules, regulations or orders issued by the POTW; any requirements set forth in individual control

mechanisms issued by the POTW; or any reporting requirements imposed by the POTW or R317-8-8. The POTW shall have authority and procedures (after informal notice to the discharger) immediately and effectively to halt or prevent any discharge of pollutants to the POTW which reasonably appears to present an imminent danger to the health or welfare of persons. The POTW shall also have authority and procedures (which shall include notice to the affected Industrial User and opportunity to respond) to halt or prevent any discharge to the POTW which presents or may present a danger to the environment or which threatens to interfere with the operation of the POTW. The Executive Secretary shall have authority to seek judicial relief for noncompliance by Industrial Users when the POTW has acted to seek such relief but has sought a penalty which the Executive Secretary finds to be insufficient. The procedures for notice to dischargers where the POTW is seeking ex parte temporary judicial injunctive relief will be governed by applicable State or Federal law and not by this provision, and will comply with the confidentiality requirements set forth in R317-8-3.3.

(b) Procedures. The POTW shall develop and implement procedures to ensure compliance with the requirements of a pretreatment program. At a minimum, these procedures shall enable the POTW to:

1. Identify and locate all possible Industrial Users which might be subject to the POTW pretreatment program. Any compilation, index or inventory of Industrial Users made under this paragraph shall be made available to the Executive Secretary upon request;

2. Identify the character and volume of pollutants contributed to the POTW by the Industrial User identified under R317-8-8.8(6)(b)1. This information shall be made available to the Executive Secretary upon request;

3. Notify Industrial Users identified under R317-8-8.8(6)(b)1. of applicable pretreatment standards and any other applicable requirements. Within 30 days of approval of a list of significant industrial users, notify each Significant Industrial User of its status as such and of all requirements applicable to it as a result of such status.

4. Receive and analyze self-monitoring reports and other notices submitted by Industrial Users in accordance with the requirements of R317-8-8.11.

5. Randomly sample and analyze the effluent from Industrial Users and conduct surveillance and inspection activities in order to identify, independent of information supplied by Industrial Users, occasional and continuing noncompliance with pretreatment standards. Inspect and sample the effluent from each Significant Industrial User at least once a year except as otherwise specified below:

a. Where the POTW has authorized the Industrial User subject to a Categorical Pretreatment Standard to forego sampling of a pollutant regulated by a Categorical Pretreatment Standard in accordance with R317-8-8.11(4)(c), the POTW must sample for the waived pollutant(s) at least once during the term of the Categorical Industrial User's control mechanism. In the event that the POTW subsequently determines that a waived pollutant is present or is expected to be present in the Industrial User's wastewater based on changes that occur in the User's operations, the POTW must immediately begin at least annual effluent monitoring of the User's Discharge and inspection.

b. Where the POTW has determined that an Industrial User meets the criteria for classification as a Non-Significant Categorical Industrial User, the POTW must evaluate, at least once per year, whether an Industrial User continues to meet the criteria in R317-8-8.2(15)(b),

c. In the case of Industrial Users subject to reduced reporting requirements under R317-8-8.11(4)(c), the POTW must randomly sample and analyze the effluent from Industrial Users and conduct inspections at least once every two years. If the Industrial User no longer meets the conditions for reduced reporting in R317-8-8.11(4)(c), the POTW must immediately begin sampling and inspecting the Industrial User at least once a year.

6. Evaluate, at least once every two years, whether each such Significant Industrial User needs a plan to control slug discharges. For purposes of this subsection, a slug discharge is any discharge of a non-routine, episodic nature, including but not limited to an accidental spill or a non-customary batch discharge, which has a reasonable potential to cause interference or pass through, or in any other way violate the POTW's regulations, local limits or Permit conditions. The results of such activities shall be available to the Executive Secretary upon request. Significant Industrial Users are required to notify the POTW immediately of any changes at its facility affecting potential for a slug discharge. Significant Industrial Users must be evaluated within one year of being designated a Significant Industrial User. If the POTW decides that a slug control plan is needed, the plan shall contain, at a minimum, the following elements:

a. Description of discharge practices, including non-routine batch discharges;

b. Description of stored chemicals;

c. Procedures for immediately notifying the POTW of slug discharges, including any discharge that would violate a prohibition under R317-8-8.5 with procedures for follow-up written notification within five days;

d. If necessary, procedures to prevent adverse impact from accidental spills, including inspection and maintenance of storage areas, handling and transfer of materials, loading and unloading operations, control of plant site run-off, worker training, building of containment structures or equipment, measures for containing toxic organic pollutants (including solvents), and/or measures and equipment for emergency response. The results of these activities shall be made available to the Executive Secretary upon request;

7. Investigate instances of noncompliance with pretreatment standards and requirements, as indicated in the reports and notices required by R317-8-8.11, or indicated by analysis, inspection, and surveillance activities. Sample taking and analysis and the collection of other information shall be performed with sufficient care to produce evidence admissible in enforcement proceedings or in judicial actions;

8. Comply with all applicable public participation requirements of State law and rules. These procedures shall include provision for at least annually providing public notification, in the largest daily newspaper published in the municipality in which the POTW is located, of Industrial Users which, at anytime during the previous 12 months, were in significant noncompliance with applicable pretreatment requirements. For the purposes of this provision, an Industrial User is in significant noncompliance if its violation meets one or more of the following criteria:

a. Chronic violations of wastewater discharge limits, defined here as those in which sixty-six percent or more of all of the measurements taken during a six month period exceed (by any magnitude) a numeric Pretreatment Standard or Requirement including instantaneous limits, for the same pollutant parameter;

b. Technical Review Criteria (TRC) violations, defined here as those in which thirty-three percent or more of all of the measurements for each pollutant parameter taken during a six-month period equal or exceed the product of the numeric Pretreatment Standard or Requirement including instantaneous limit multiplied by the applicable TRC. TRC = 1.4 for BOD, TSS, fats, oil and grease, and 1.2 for all other pollutants except pH;

c. Any other violation of a pretreatment effluent limit (daily maximum or longer-term average) that the Control

Authority determines has caused, alone or in combination with other discharges, interference or pass through (including endangering the health of POTW personnel or the general public);

d. Any discharge of a pollutant that has caused imminent endangerment to human health, welfare or to the environment or has resulted in the POTW's exercise of its emergency authority under R317-8-8.8(6)(a)8. to halt or prevent such a discharge:

e. Failure to meet, within 90 days after the schedule date, a compliance schedule milestone contained in a local control mechanism or enforcement order for starting construction, completing construction, or attaining final compliance:

f. Failure to provide within 45 days after the due date, required reports such as baseline monitoring reports, 90-day compliance reports, periodic self-monitoring reports, and reports on compliance with compliance schedules;

g. Failure to accurately report noncompliance; and

h. Any other violation or group of violations, which may include a violation of Best Management Practices, which the Control Authority determines will adversely affect the operation or implementation of the local pretreatment program.

9. Funding. The POTW shall have sufficient resources and qualified personnel to carry out all required authorities and procedures. In some limited circumstances, funding and personnel may be delayed by the Executive Secretary when the POTW has adequate legal authority and procedures to carry out the pretreatment program requirements and a limited aspect of the program does not need to be implemented immediately.

10. Local Limits. The POTW shall develop local limits as required in section R317-8-8.5(4)(a) or demonstrate that they are not necessary.

11. Enforcement Response Plan. The POTW shall develop and implement an enforcement response plan. This plan shall contain detailed procedures indicating how the POTW will investigate and respond to instances of industrial user noncompliance. The plan shall, at a minimum;

a. Describe how the POTW will investigate instances of noncompliance;

b. Describe the types of escalating enforcement responses the POTW will take in response to all anticipated types of industrial user violations and the time periods within which responses will take place;

c. Identify (by title) the official(s) responsible for each type of response;

d. Adequately reflect the POTW's primary responsibility to enforce all applicable pretreatment requirements and standards, as detailed in R317-8-8.8(6)(a) and (b).

12. List of Industrial Users. The POTW shall prepare a list of its Industrial Users meeting the criteria of R317-8-8.2(15)(a). The list shall identify the criteria in R317-8-8.2(15)(a) applicable to each Industrial User and, for Industrial Users meeting the criteria in R317-8-8.2(15)(a), shall also indicate whether the POTW has made a determination pursuant to R317-8-8.2(15)(b) that such Industrial User should not be considered a Significant Industrial User. This list and any subsequent modifications thereto, shall be submitted to the Executive Secretary as a nonsubstantial program modification. Discretionary designations or de-designations by the Control Authority shall be deemed to be approved by the Executive Secretary 90 days after submission of the list or modifications thereto, unless the Executive Secretary determines that a modification is in fact a substantial modification.

13. State Program in Lieu of POTW Program. Notwithstanding the provision of R317-8-8.8(1), the State may assume responsibility for implementing the POTW pretreatment program requirements set forth in R317-8-8.8(6) in lieu of requiring the POTW to develop a pretreatment program. However, this does not preclude POTW's from independently developing pretreatment programs.

(7) A POTW that chooses to receive electronic documents must satisfy the requirements of 40 CFR Part 3 - (Electronic reporting).

8.9 POTW PRETREATMENT PROGRAMS AND/OR AUTHORIZATION TO REVISE PRETREATMENT STANDARDS: SUBMISSION FOR APPROVAL

(1) Who Approves the Program. A POTW requesting approval of a POTW pretreatment program shall develop a program description which includes the information set forth in R317-8-8.9(2)(a),(b),(c) and (d). This description shall be submitted to the Executive Secretary, who will make a determination on the request for program approval in accordance with the procedure described in R317-8-8.10.

(2) Contents of POTW Program Submission.

(a) The program submission shall contain a statement from the city attorney or a city official acting in comparable capacity or the attorney for those POTWs which have independent legal counsel, that the POTW has authority adequate to carry out the programs described in R317-8-8.8. This statement shall:

1. Identify the provision of the legal authority under R317-8-8.8(6)(a) which provides the basis for each procedure under R317-8-8.8(6)(b);

2. Identify the manner in which the POTW will implement the program requirements set forth in R317-8-8.8 including the means by which pretreatment standards will be applied to individual Industrial Users (e.g., by order, permit, ordinance, etc.); and

3. Identify how the POTW intends to ensure compliance with pretreatment standards and requirements, and to enforce them in the event of noncompliance by Industrial Users.

(b) The program submission shall contain a copy of any statutes, ordinances, regulations, agreements, or other authorities relied upon by the POTW for its administration of the program. This submission shall include a statement reflecting the endorsement or approval of the local boards or bodies responsible for supervising and/or funding the POTW pretreatment program if approved.

(c) The program submission shall contain a brief description, including organization charts, of the POTW organization which will administer the pretreatment program. If more than one agency is responsible for administration of the program the responsible agencies should be identified, their respective responsibilities delineated and their procedures for coordination set forth.

(d) The program submission shall contain a description of the funding levels and full and part time manpower available to implement the program.

(3) Conditional POTW Program Approval. The POTW may request conditional approval of the pretreatment program pending the acquisition of funding and personnel for certain elements of the program. The request for conditional approval shall meet the requirements of R317-8-8.9(2) of this subsection except that the requirements of this section may be relaxed if the submission demonstrates that:

(a) A limited aspect of the program does not need to be implemented immediately;

(b) The POTW had adequate legal authority and procedures to carry out those aspects of the program which will not be implemented immediately; and

(c) Funding and personnel for the program aspects to be implemented at a later date will be available when needed. The POTW shall describe in the submission the mechanism by which this funding will be acquired. Upon receipt of a request for conditional approval, the Executive Secretary will establish a fixed date for the acquisition of the needed funding and personnel. If funding is not acquired by this date the conditional approval of the POTW pretreatment program and any removal allowances granted to the POTW may be modified or withdrawn.

(4) Content of Removal Credit Submission. The request for authority to revise Categorical Pretreatment Standards shall contain the information required in 40 CFR 403.7(d).

(5) Approval Authority Action. A POTW requesting POTW pretreatment program approval shall submit to the Executive Secretary three copies of the submission described in R317-8-8.9(2), and if appropriate R317-8-8.9(4). Within 60 days after receiving a submission, the Executive Secretary shall make a preliminary determination of whether the submission meets the requirements of this section. Upon a preliminary determination that the submission meets the requirements of this section, the Executive Secretary will:

(a) Notify the POTW that the submission has been received and is under review; and

(b) Commence the public notice and evaluation activities set forth in R317-8-8.10.

(6) Notification Where Submission is Defective. If, after review of the submission as provided for in paragraph (5) above, the Executive Secretary determines that the submission does not comply with the requirements of R317-8-8.9(2), (3) and, if appropriate, (4), the Executive Secretary will provide notice in writing to the applying POTW and each person who has requested individual notice. This notification will identify any defects in the submission and advise the POTW and each person who has requested individual notice of the means by which the POTW can comply with the applicable requirements of R317-8-8.9(2), (3) and, if appropriate, (4).

(7) Consistency With Water Quality Management Plans.

(a) In order to be approved, the POTW pretreatment program shall be consistent with any approved water quality management plan, when the plan includes management agency designations and addresses pretreatment in a manner consistent with R317-8-8. In order to assure such consistency, the Executive Secretary will solicit the review and comment of the appropriate water quality planning agency during the public comment period provided for in R317-8-8.10(2)(a)2. prior to approval or disapproval of the program.

(b) Where no plan has been approved or when a plan has been approved but lacks management agency designations and/or does not address pretreatment in a manner consistent with this section, the Executive Secretary will solicit the review and comment of the appropriate 208 planning agency.

8.10 APPROVAL PROCEDURES FOR POTW PRETREATMENT PROGRAMS AND POTW GRANTING OF REMOVAL CREDITS. The following procedure will be adopted in approving or denying requests for approval of POTW pretreatment programs and applications for removal credit authorization.

(1) Deadline for Review of Submission. The Executive Secretary will have 90 days from the date of public notice of a submission complying with the requirements of R317-8-8.9(2), and where removal credit authorization is sought with the requirements of 40 CFR 403.7(e) and R317-8-8.9(4) to review the submission. The Executive Secretary shall review the submission to determine compliance with the requirements of R317-8-8.8(2) and (6), and where removal credit is sought, with R317-8-8.7. The Executive Secretary may have up to an additional 90 days to complete the evaluation of the submission if the public comment period provided for in R317-8-8.10(2)(a)2. is extended beyond thirty (30) days or if a public hearing is held as provided for in R317-8-8.10(2)(b). In no event, however, will the time for evaluation of the submission exceed a total of 180 days from the date of public notice of a submission meeting the requirements of R317-8-8.9(2) and, in the case of a removal credit application 403.7(e) and R317-8-8.9(2).

(2) Public Notice and Opportunity for Public Hearing. Upon receipt of a submission the Executive Secretary will commence his review. Within 20 days after making a determination that a submission meets the requirements of R317-8-8.9(2), and when a removal credit authorization is sought under 40 CFR 403.7(d) and R317-8-8.7 the Executive Secretary will:

(a) Issue a public notice of request for approval of the submission:

1. This public notice will be circulated in a manner designed to inform interested and potentially interested persons of the submission. Procedures for the circulation of public notice will include: mailing notices of the request for approval of the submission to designated CWA section 208 planning agencies, federal and state fish, shellfish, and wildlife resource agencies (unless such agencies have asked not to be sent the notices); and to any other person or group who has requested individual notice, including those on appropriate mailing lists; and publication of a notice of request for approval of the submission in the largest daily newspaper within the jurisdiction served by the POTW.

2. The public notice will provide a period of not less than 30 days following the date of the public notice during which time interested persons may submit their written views on the submission;

3. All written comments submitted during the 30-day comment period will be retained by the Executive Secretary and considered in the decision on whether or not to approve the submission. The period for comment may be extended at the discretion of the Executive Secretary.

(b) The Executive Secretary will also provide an opportunity for the applicant, any affected State, any interested state or federal agency, person or group of persons to request a public hearing with respect to the submission.

1. This request for public hearing shall be filed within the thirty (30) day or extended comment period described in R317-8-8.10(2)(a)2. of this subsection and will indicate the interest of the person filing such a request and the reasons why a hearing is warranted.

2. The Executive Secretary will hold a public hearing if the POTW so requests. In addition, a hearing will be held if there is a significant public interest in issues relating to whether or not the submission should be approved. Instances of doubt will be resolved in favor of holding the hearing.

3. Public notice of a public hearing to consider a submission and sufficient to inform interested parties of the nature of the hearing and right to participate will be published in the same newspaper as the notice of the original request. In addition, notice of the hearing will be sent to those persons requesting individual notice.

(3) Executive Secretary Decision. At the end of the thirty (30) day or extended comment period and within the ninety (90) day or extended period provided for in R317-8-8.10(1) of this section, the Executive Secretary will approve or deny the submission based upon the evaluation in R317-8-8.10(1) and taking into consideration comments submitted during the comment period and the record of the public hearing, the Executive Secretary will so notify the POTW and each person who has requested individual notice. If the Approval Authority makes a determination to deny the request, the Approval Authority shall so notify the POTW and each person who has requested individual notice. This notification will include suggested modification and the Executive Secretary may allow the requestor additional time to bring the submission into compliance with applicable requirements.

(4) EPA Objection to Executive Secretary's Decision. No POTW pretreatment program or authorization to grant removal allowances will be approved by the Executive Secretary if following the thirty (30)-day or extended evaluation period provided for in R317-8-8.10(2)(a)2. and any public hearing held pursuant to this section, the Regional Administrator sets forth in writing objections to the approval of such submission and the

reasons for such objections. A copy of the Regional Administrator's objections will be provided to the applicant and to each person who has requested individual notice. The Regional Administrator shall provide an opportunity for written comments and many convene a public hearing on his or her objections. Unless retracted, the Regional Administrator's objections shall constitute a final ruling to deny approval of a POTW pretreatment program or authorization to grant removal allowances 90 days after the date the objections are issued.

(5) Notice of Decision. The Executive Secretary will notify those persons who submitted comments and participated in the public hearing, if held, of the approval or disapproval of the submission. In addition, the Executive Secretary will cause to be published a notice of approval or disapproval in the same newspapers as the original notice of request was published. The Executive Secretary will identify any authorization to modify Categorical Pretreatment Standards which the POTW may make for removal of pollutants subject to the pretreatment standards.

(6) Public Access to Submission. The Executive Secretary will ensure that the submission and any comments on the submission are available to the public for inspection and copying.

8.11 REPORTING REQUIREMENTS FOR POTWS AND INDUSTRIAL USERS

(1) Reporting Requirement for Industrial Users Upon Effective Date of Categorical Pretreatment Standards Baseline Report. Within 180 days after the effective date of a Categorical Pretreatment Standards or 180 days after the final administrative decision made upon a category determination submission under R317-8-8.6, whichever is later, existing Industrial Users subject to such Categorical Pretreatment Standards and currently discharging to or scheduled to discharge to a POTW shall be required to submit to the Control Authority a report which contains the information listed in paragraphs (a) through (g) of this Section. Where reports containing this information have already been submitted to the Executive Secretary, the Industrial User will not be required to submit this information again. At least 90 days prior to commencement of discharge, new sources and sources that become Industrial Users subsequent to promulgation of an applicable Categorical Standards, shall be required to submit to the Control Authority a report which contains the information listed in R317-8-8.11(1)(a)through (e). New sources shall also be required to include in this report information on the method of pretreatment the source intends to use to meet applicable pretreatment standards. New Sources shall give estimates of the information requested in R317-8-8.11(1)(d) and (e).

(a) Identifying Information. The User shall submit the name and address of the facility, including the name of the operator and owners.

(b) Permits. The User shall submit a list of any environmental control permits held by or for the facility.

(c) Description of Operations. The User shall submit a brief description of the nature, average rate of production and Standard Industrial Classification of the operation carried out by the Industrial User. This description should include a schematic process diagram which indicates points of discharge to the POTW from the regulated process.

(d) Flow measurement. The User shall submit information showing the measured average daily and maximum daily flow, in gallons per day, to the POTW from each of the following: regulated process streams and other streams as necessary to allow use of the combined wastestream formula (see Section 40 CFR 403.6(e)). The Control Authority may allow for verifiable estimates of these flows where justified by cost or feasibility considerations.

(e) Measurement of pollutants.

1. The User shall identify the pretreatment standards applicable to each regulated process.

2. The User shall submit the results of sampling and analysis identifying the nature and concentration, or mass, of regulated pollutants in the discharge from each regulated process when required by the standard or the Control Authority. Both daily maximum and average concentration or mass, where required shall be reported. The sample shall be representative of daily operations. In cases where the Standard requires compliance with a Best Management Practice or pollution prevention alternative, the User shall submit documentation as required by the Control Authority or the applicable standards to determine compliance with the Standard;

3. The User shall take a minimum of one representative sample to compile that data necessary to comply with the requirements of R317-8-8.11.

4. Samples shall be taken immediately downstream from pretreatment facilities if such exist or immediately downstream from the regulated process if no pretreatment exists. If other wastewaters are mixed with the regulated wastewater prior to pretreatment the User should measure the flows and concentrations necessary to allow use of the combined wastestream formula in order to evaluate compliance with the pretreatment standards. When an alternate concentration or mass limit has been calculated in accordance with the combined wastestream formula this adjusted limit along with supporting data shall be submitted to the Control Authority.

5. Sampling and analysis shall be performed in accordance with the techniques prescribed in 40 CFR 136 and amendments thereto. When 40 CFR 136 does not contain sampling or analytical techniques for the pollutant in question, or when the Administrator determines that the 40 CFR 136 sampling and analytical techniques are inappropriate for the pollutant in question, sampling and analysis shall be performed by using validated analytical methods or any other applicable sampling and analytical procedures, including procedures suggested by the POTW or other parties, approved by the Administrator.

6. The Control Authority may allow the submission of a baseline report which utilizes only historical data so long as the data provides information sufficient to determine the need for industrial pretreatment measures.

7. The baseline report shall indicate the time, date and place of sampling, and methods of analysis, and shall certify that such sampling and analysis is representative of normal work cycles and expected pollutant discharges to the POTW.

(f) Certification. The User shall submit a statement, reviewed by an authorized representative of the Industrial User and certified by a qualified professional, indicating whether pretreatment standards are being met on a consistent basis and, if not, whether additional operation and maintenance and/or additional pretreatment is required for the Industrial User to meet the pretreatment standards and requirements.

(g) Compliance Schedule. If additional pretreatment and/or operation and maintenance are required to meet the pretreatment standards, the Industrial User shall submit the shortest schedule by which the Industrial User will provide such additional pretreatment and/or operation and maintenance. The completion date in this schedule shall not be later than the compliance date established for the applicable pretreatment standard.

1. When the Industrial User's Categorical Pretreatment Standards has been modified by a removal allowance under R317-8-8.7, the combined wastestream formula under R317-8-8.6,or by a fundamentally different factors variance under R317-8-8.15 at the time the User submits the report required by R317-8-8.11(1), the information required by R317-8-8.11(1)(f) and (g) shall pertain to the modified limits.

2. If the Categorical Pretreatment Standards is modified by a removal allowance under R317-8-8.7, the combined wastestream formula under R317-8-8.6, or by a fundamentally different factors variance under 40 CFR 403.13 after the User

submits the report required by R317-8-8.11(1), any necessary amendments to the information requested by R317-8-8.11(1)(f) and (g) shall be submitted by the User to the Control Authority within 60 days after the modified limit is approved.

(2) Compliance Schedule for Meeting Categorical Pretreatment Standards. The following conditions shall apply to the schedule required by R317-8-8.11(1)(g):

(a) The schedule shall contain increments of progress in the form of dates for the commencement and completion of major events leading to the construction and operation of additional pretreatment required for the Industrial User to meet the applicable Categorical Pretreatment Standards e.g., hiring an engineer, completing preliminary plans, completing final plans, executing contract for major components, commencing construction, completing construction, etc.);

(b) No increment referred to in paragraph (a) of above shall exceed 9 months;

(c) Not later than 14 days following each date in the schedule and the final date for compliance, the Industrial User shall submit a progress report to the Control Authority including, at a minimum, whether or not it complied with the increment of progress to be met on that date and, if not, the date on which it expects to comply with this increment of progress, the reason for delay, and the steps being taken by the Industrial User to return the construction to the schedule established. In no event shall more than 9 months elapse between such progress reports to the Control Authority;

(3) Report on Compliance with Categorical Pretreatment Standard Deadline. Within 90 days following the date for final compliance with applicable Categorical Pretreatment Standards or in the case of a new source following commencement of the introduction of wastewater into the POTW, any Industrial User subject to pretreatment standards and requirements shall submit to the Control Authority a report containing the information described in R317-8-8.11(1)(d), e), and (f). For Industrial Users subject to equivalent mass or concentration limits established by the Control Authority in accordance with the procedures in R317-8-8.6 this report shall contain a reasonable measure of the User's long term production rate. For all other Industrial Users subject to Categorical Pretreatment Standards expressed in terms of allowable pollutant discharge per unit of production (or other measure of operation), this report shall include the User's actual production during the appropriate sampling period.

(4) Periodic Reports on Continued Compliance.

(a) Any Industrial User subject to a Categorical Pretreatment Standards (except a Non-Significant Categorical User as defined in R317-8-8.2(15)(b) after the compliance date of such pretreatment standard or, in the case of a new source, after commencement of the discharge into the POTW, shall submit to the Control Authority during the months of June and December, unless required more frequently in the pretreatment standard or by the Executive Secretary, a report indicating the nature and concentration of pollutants in the effluent which are limited by such Categorical Pretreatment Standards. In addition, this report shall include a record of measured or estimated average and maximum daily flows for the reporting period for the discharge reported in R317-8-8.11(1)(d) of this section except that the Control Authority may require more detailed reporting of flows. In cases where the Pretreatment Standard requires compliance with a Best Management Practice (or pollution prevention alternative), the User shall submit documentation required by the Control Authority or the Pretreatment Standard necessary to determine the compliance status of the User. At the discretion of the Control Authority and in consideration of such factors as local high or low flow rates, holidays, budget cycles, etc., the Control Authority may agree to alter the months during which the above reports are to be submitted.

(b) The Control Authority may authorize the Industrial User subject to a Categorical Pretreatment Standard to forego sampling of a pollutant regulated by a Categorical Pretreatment Standard if the Industrial User has demonstrated through sampling and other technical factors that the pollutant is neither present nor expected to be present in the Discharge, or is present only at background levels from intake water and without any increase in the pollutant due to activities of the Industrial User. This authorization is subject to the following conditions:

1. The Control Authority may authorize a waiver where a pollutant is determined to be present solely due to sanitary wastewater discharged from the facility provided that the sanitary wastewater is not regulated by an applicable Categorical Standard and other wise includes no process wastewater.

2. The monitoring waiver is valid only for the duration of the effective period of the Permit or other equivalent individual control mechanism, but in no case longer than 5 years. The User must submit a new request for the waiver before the waiver can be granted for each subsequent control mechanism.

3. In making a demonstration that a pollutant is not present, the Industrial User must provide data from at least one sampling of the facility's process wastewater prior to any treatment present at the facility that is representative of all wastewater from all processes.

The request for a monitoring waiver must be signed in accordance with paragraph (11) of this section and include the certification statement in 40 CFR 403.6(a)(2)ii. Non-detectable sample results may only be used as a demonstration that a pollutant is not present if the EPA approved method from 40 CFR part 136 with the lowest minimum detection level for that pollutant was used in the analysis.

4. Any grant of the monitoring waiver by the Control Authority must be included as a condition in the User's Control mechanism. The reasons supporting the waiver and any information submitted by the User in its request for the waiver must be maintained by the Control Authority for 3 years after expiration of the waiver.

5. Upon approval of the monitoring waiver and revision of the User's control mechanism by the Control Authority, the Industrial User must certify on each report with the statement below, that there has been no increase in the pollutant in its wastestream due to activities of the Industrial User:

"Based on my inquiry of the person or persons directly responsible for managing compliance with the Pretreatment Standard for 40 CFR ..... (specify applicable National Pretreatment Standard part(s)), I certify that, to the best of my knowledge and belief, there has been no increase in the level of .....(list pollutant(s)) in the wastewaters due to the activities at the facility since filing of the last periodic report under R317-8-8.11(4)(a)."

6. In the event that a waived pollutant is found to be present or is expected to be present based on changes that occur in the User's operations, the User must immediately: Comply with the monitoring requirements of paragraph (4)(a) of this section or other more frequent monitoring requirements imposed by the Control Authority; and notify the Control Authority.

7. This provision does not supersede certification processes and requirements established in Categorical Pretreatment Standards, except as otherwise specified in the Categorical Pretreatment Standard.

(c) The Control Authority may reduce the requirement in paragraph (4)(a) of this section to a requirement to report no less frequently than once a year, unless required more frequently in the Pretreatment Standard or by the Approval Authority, where the Industrial User meets all of the following conditions:

1. The Industrial User's total categorical wastewater flow does not exceed any of the following:

a. 0.01 percent of the design dry weather hydraulic

capacity of the POTW, or 5,000 gallons per day, whichever is smaller, as measured by a continuous effluent flow monitoring device unless the Industrial User discharges in batches;

b. 0.01 percent of the design dry weather organic treatment capacity of the POTW; and

c. 0.01 percent of the maximum allowable headworks loading for any pollutant regulated by the applicable Categorical Pretreatment Standard for which approved local limits were developed by a POTW in accordance with R317-8-8.5(4) and paragraph (3) of this section;

2. The Industrial User has not been in significant noncompliance, as defined in R317-8-8.8(6)(b)8. for any time in the past two years;

3. The Industrial User does not have daily flow rates, production levels, or pollutant levels that vary so significantly that decreasing the reporting requirement for this Industrial User would result in data that are not representative of conditions occurring during the reporting period pursuant to paragraph (6)(c) of this section;

4. The Industrial User must notify the Control Authority immediately of any changes at its facility causing it to no longer meet conditions of paragraph (4)(c)1. or 2. of this section. Upon notification, the Industrial User must immediately begin complying with the minimum reporting in paragraph (4)(a) of this section; and

5. The Control Authority must retain documentation to support the Control Authority's determination that a specific Industrial User qualifies for reduced reporting requirements under paragraph (4)(c) of this section for a period of 3 years after the expiration of the term of the control mechanism.

(d) For Industrial Users subject to equivalent mass or concentration limits established by the Control Authority in accordance with the procedures in R317-8-8.6 the report required by R317-8-8.11(4)(a) shall contain a reasonable measure of the User's long term production rate. For all other Industrial Users subject to Categorical Pretreatment Standards expressed only in terms of allowable pollutant discharge per unit of production (or other measure of operation), the report required by R317-8-11(4)(a) shall include the User's actual average production rate for the reporting period.

(5) Notice of Potential Problems Including Slug Loading. All categorical and non-categorical Industrial Users shall notify the POTW immediately of all discharges that could cause problems to the POTW, including any slug loadings, as defined in R317-8-8.5.

(6) Monitoring and Analysis to Demonstrate Continued Compliance.

(a) Except in the case of Non-Significant Categorical User, the reports required in R317-8-8.11(1), (3), (4) and (8) shall contain the results of sampling and analysis of the discharge, including the flow, the nature and concentration, or production and mass where requested by the Control Authority, of pollutants contained therein which are limited by the applicable pretreatment standards. This sampling and analysis may be performed by the Control Authority in lieu of the Industrial User. Where the POTW performs the required sampling and analysis in lieu of the Industrial User, the User will not be required to submit the compliance certification. In addition, where the POTW itself collects all the information required for the report, including flow data, the Industrial User will not be required to submit the report.

(b) If sampling performed by an Industrial User indicates a violation, the User shall notify the Control Authority within 24 hours of becoming aware of the violation. The User shall also repeat the sampling and analysis and submit the results of the repeat analysis to the Control Authority within 30 days after becoming aware of the violation. Where the Control Authority has performed the sampling and analysis in lieu of the Industrial User , the Control Authority must perform the repeat sampling and analysis unless it notifies the User of the violation and requires the User to perform the repeat analysis. Resampling is not required if;

1. The Control Authority performs sampling at the Industrial User at a frequency of at least once per month, or

2. The Control Authority performs sampling at the User between the time when the initial sampling was conducted and the time when the User or the Control Authority receives the results of this sampling.

(c) The reports required in this section shall be based upon data obtained through appropriate sampling and analysis performed during the period covered by the report, which data is representative of conditions occurring during the reporting period. The Control Authority shall require that frequency of monitoring necessary to assess and assure compliance by Industrial Users with applicable Pretreatment Standards and Requirements. Grab samples must be used for pH, cyanide, total phenols, oil and grease, sulfide, and volatile organic compounds. For all other pollutants, 24-hour composite samples must be obtained through flow-proportional composite sampling techniques, unless time proportional composite sampling or grab sampling is authorized by the Control Authority. Where time-proportional composite sampling or grab sampling is authorized by the Control Authority, the samples must be representative of the Discharge and the decision to allow the alternative sampling must be documented in the Industrial User file for that facility or facilities. Using protocols (including appropriate preservation) specified in 40 CFR part 136 and appropriate EPA guidance, multiple grab samples collected during a 24-hour period may be composited prior to the analysis as follows: For cyanide, total phenols, and sulfides the samples may be composited in the laboratory or in the field; for volatile organics and oil and grease the samples may be composited in the laboratory. Composite samples for other parameters unaffected by the compositing procedures as documented in approved EPA methodologies may be authorized by the Control Authority, as appropriate.

(d) For sampling required in support of baseline monitoring and 90-day compliance reports, a minimum of four grab samples must be used for pH, cyanide, total phenols, oil and grease, sulfide, and volatile organics compounds for facilities which historical sampling data do not exist; for facilities for which historical sampling data are available, the Control Authority may authorize a lower minimum. For the reports required by paragraphs (4) and (8) of this section, the Control Authority shall require the number of grab samples necessary to assess and assure compliance by Industrial Users with Applicable Pretreatment Standards and Requirements.

(e) All analyses shall be performed in accordance with procedures contained in 40 CFR 136 or with any other test procedures approved by the Administrator. Sampling shall be performed in accordance with the techniques approved by the Administrator. Where 40 CFR 136 does not include sampling or analytical techniques are inappropriate for the pollutant in question, sampling and analyses shall be performed using validated analytical methods or any other sampling and analytical procedures, including procedures suggested by the POTW or other parties and approved by the Administrator.

(f) If an Industrial User subject to the reporting requirement in R317-8-8.11(4) or (8) monitors any pollutant more frequently than required by the Control Authority, using the procedures prescribed in, R317-8-8.11(6)(e), the results of this monitoring shall be included in the report.

(7) Compliance Schedule for POTWs. The following conditions and reporting requirements shall apply to the compliance schedule for development of an approvable POTW pretreatment program.

(a) The schedule shall contain increments of progress in the form of dates for the commencement and completion of

major events leading to the development and implementation of a POTW pretreatment program.

(b) No increment referred to in paragraph (a) above shall exceed nine months.

(c) Not later than 14 days following each date in the schedule and the final date for compliance, the POTW shall submit a progress report to the Executive Secretary including, as a minimum, whether or not it complied with the increment of progress to be met on such date and, if not, the date on which it expects to comply with this increment of progress, the reason for delay, and the steps taken by the POTW to return to the schedule established. In no event shall more than nine months elapse between such progress reports to the Executive Secretary.

(8) Reporting requirements for Industrial User not subject to Categorical Pretreatment Standards. The Control Authority shall require appropriate reporting from those Industrial Users with discharges that are not subject to Categorical Pretreatment Standards. Significant Noncategorical Industrial Users shall submit to the Control Authority at least once every six months (on dates specified by the Control Authority) a description of the nature, concentration, and flow of the pollutants required to be reported by the Control Authority. In cases where a local limit requires compliance with a Best Management Practice or pollution prevention alternative, the User must submit documentation required by the Control Authority to determine the compliance status of the User. These reports shall be based on sampling and analysis performed in the period covered by the report and performed in accordance with the techniques described in 40 CFR 136 and amendments thereto. Where 40 CFR 136 does not contain sampling or analytical techniques for the pollutant in question, or where the Executive Secretary determines that the 40 CFR 136 sampling and analytical techniques are inappropriate for the pollutant in question, sampling and analysis shall be performed by using validated analytical methods or any other applicable sampling and analytical procedures, including procedures suggested by the POTW or other persons, approved by the Administrator. This sampling and analysis may be performed by the Control Authority in lieu of the significant noncategorical Industrial User. Where the POTW itself collects all the information required for the report, the noncategorical significant Industrial User will not be required to submit the report.

(9) Annual POTW reports. POTWs with approved pretreatment programs shall provide the Executive Secretary with a report that briefly describes the POTW's program activities, including activities of all participating agencies, if more than one jurisdiction is involved in the local program. The report required by this section shall be submitted no later than one year after approval of the POTW's pretreatment program and at least annually thereafter, and shall include, at a minimum, the following:

(a) An updated list of the POTW's Industrial Users, including their names and addresses, or a list of deletions and additions keyed to a previously submitted list. The POTW shall provide a brief explanation of each deletion. This list shall identify which Industrial Users are subject to Categorical Pretreatment Standards and specify which standards are applicable to each Industrial User. The list shall indicate which Industrial Users are subject to local standards that are more stringent than the Categorical Pretreatment Standards. The POTW shall also list the Industrial Users that are subject only to local requirements. The list must also identify Industrial Users subject to Categorical Pretreatment Standards that are subject to reduced reporting requirements under paragraph (4)(c), and identify which Industrial Users are Non-Significant Categorical Industrial Users.

(b) A summary of the status of Industrial User compliance over the reporting period;

(c) A summary of compliance and enforcement activities (including inspections) conducted by the POTW during the reporting period;

(d) A summary of changes to the POTW's pretreatment program that have not been previously reported to the Approval Authority; and

(e) Any other relevant information requested by the Executive Secretary.

(10) Notification of changed discharge. All Industrial Users shall promptly notify the POTW in advance of any substantial change in the volume or character of pollutants in their discharge including the listed or characteristic hazardous wastes for which the Industrial User has submitted initial notification under R317-8-8.11(14)(d).

(11) Signatory Requirements for Industrial User Reports. The reports required by R317-8-8.11(1), (3) and (4) shall include the certification statement as set forth in 40 CFR and 403.6(a)(2)(ii) and shall be signed as follows;

(a) By a responsible corporate officer if the Industrial User submitting the reports is a corporation. A responsible corporate officer means:

1. A president, secretary, treasurer, or vice-president of the corporation in charge of a principal business function, or any other person who performs similar policy or decision-making functions for the corporation, or

2. The manager of one or more manufacturing, production, or operation facilities provided, the manager is authorized to make management decisions which govern the operation of the regulated facility including having the explicit or implicit duty of making major capital investment recommendations, and initiate and direct other comprehensive measures to assure long-term environmental compliance with environmental laws and regulations; can ensure that the necessary systems are established or actions taken to gather complete and accurate information for control mechanism requirements; and where authority to sign documents has been assigned or delegated to the manager in accordance with corporate procedures.

(b) By a general partner or proprietor if the Industrial User submitting the reports is a partnership or sole proprietorship respectively.

(c) By a duly authorized representative of the individual designated in paragraph (a) or (b) above, if;

1. The authorization is made in writing by the individual described in paragraph (a) or (b) above.

2. The authorization specifies either an individual or a position having responsibility for the overall operation of the facility from which the Industrial Discharge originates, such as the position of plant manager, operator of a well, or well field superintendent, or a position of equivalent responsibility, or having overall responsibility for environmental matters for the company; and

3. The written authorization is submitted to the Control Authority.

(d) If an authorization is no longer accurate because a different individual or position has responsibility for the overall operation of the facility, or overall responsibility for environmental matters for the company, a new authorization satisfying the requirements must be submitted to the Control Authority prior to or together with any reports to be signed by an authorized representative.

(12) Signatory Requirements for POTW Reports. Reports submitted to the Executive Secretary by the POTW in accordance with R317-8-8.11(7) and (9) shall be signed by a principal executive officer, ranking elected official or other duly authorized employee. The duly authorized employee must be an individual or position having responsibility for the overall operation of the facility or the Pretreatment Program. This authorization must be made in writing by the principal executive officer or ranking elected official, and submitted to the Approval Authority prior to or together with the report being

submitted.

(13) Provisions Governing Fraud and False Statements. The reports and other documents required to be submitted or maintained by R317-8-8.11(1), (3), (4), (7), (8), (11) and (12) shall be subject to the Utah Water Quality Act as amended and all other State and Federal laws pertaining to fraud and false statements.

(14) Record-Keeping Requirements.

(a) Any Industrial User and POTW subject to the reporting requirements established in this subsection shall maintain records of all information resulting from any monitoring activities required by this section, including documentation associated with Best Management Practices. Such records shall include for all samples:

1. The date, exact place, method, and time of sampling and the names of the person or persons taking the samples;
2. The dates and times analyses were performed;
3. Who performed the analyses;
4. The analytical techniques or methods used; and
5. The results of the analyses.

(b) Any Industrial User or POTW subject to these reporting requirements established in this section (including documentation associated with Best Management Practices shall be required to retain for a minimum of 3 years any records of monitoring activities and results, whether or not such monitoring activities are required by this section, and shall make such records available for inspection and copying by the Executive Secretary, and by the POTW in the case of an Industrial User. This period of retention shall be extended during the course of any unresolved litigation regarding the Industrial User or POTW or when requested by the Executive Secretary.

(c) A POTW to which reports are submitted by an Industrial User pursuant to R317-8-8.11 shall retain such reports for a minimum of 3 years and shall make such reports available for inspection and copying by the Executive Secretary. This period of retention shall be extended during the course of any unresolved litigation regarding the discharge of pollutants by the Industrial User or the operation of the POTW pretreatment program or when requested by the Executive Secretary.

(d) Notification to POTW by Industrial User.

1. The Industrial User shall notify the Executive Secretary, the POTW, and State hazardous waste authorities in writing of any discharge into the POTW of a substance, which if otherwise disposed of, would be a hazardous waste under R315-2. Such notification must include the name of the hazardous waste as set forth in R315-2, the EPA hazardous waste number, and the type of discharge (continuous, batch, or other). If the Industrial User discharges more than 100 kilograms of such waste per calendar month to the POTW, the notification shall also contain the following information to the extent such information is known and readily available to the Industrial User: An identification of the hazardous constituents contained in the wastes, an estimation of the mass and concentration of such constituents in the wastestream discharged during that calendar month and an estimation of the mass of constituents in the wastestream expected to be discharged during the following twelve months. All notifications must take place within 180 days of the effective date of this rule. Industrial Users who commence discharging after the effective date of this rule shall provide the notification no later than 180 days after the discharge of the listed or characteristic hazardous waste. Any notification under this paragraph need be submitted only once for each hazardous waste discharged. However, notifications of changed discharges must be submitted under R317-8-8.11(10). The notification requirement in this section does not apply to pollutants already reported under the self-monitoring requirements of R317-8-8.11(1), (3), and (4).

2. Dischargers are exempt from the requirements of R317-8-8.11(14)(d) during a calendar month in which they discharge no more than fifteen kilograms of hazardous wastes, unless the wastes are acute hazardous wastes as specified in R315-2. Discharge of more than fifteen kilograms of non-acute hazardous wastes in a calendar month, or of any quantity of acute hazardous wastes as specified in 40 R315-2, requires a one-time notification. Subsequent months during which the Industrial User discharges more than such quantities of any hazardous waste do not require additional notification.

3. In the case of any new regulations adopted by EPA or the Utah Solid and Hazardous Waste Board identifying additional characteristics of hazardous waste or listing any additional substance as a hazardous waste, the Industrial User must notify the POTW, the EPA Regional Waste Management Division Director, and State hazardous waste authorities of the discharge of such substance within 90 days of the effective date of such regulations.

4. In the case of notification made under R317-8-8.11(14)(d), the Industrial User shall certify that it has a program in place to reduce the volume and toxicity of hazardous wastes generated to the degree it has determined to be economically practical.

(15) Annual certification by Non-Significant Categorical Industrial Users. A facility determined to be a Non-Significant Categorical Industrial User pursuant to R317-8-8.2(15)(b) must annually submit the following certification statement, signed in accordance with the signatory requirements in paragraph (11) of this section. This certification must accompany any alternative report required by the Control Authority:

"Based on my inquiry of the person or persons directly responsible for managing compliance with the Categorical Pretreatment Standards under 40 CFR (state section), I certify that, to the best of my knowledge and belief that during the period from (include start of reporting date) to (include end of reporting date):

The facility described as (include facility name) met the definition of a Non-Significant Categorical Industrial User as described in R317-8-8.2(15)(b), the facility complied with all applicable Pretreatment Standards and requirements during this reporting period; and the facility never discharged more than 100 gallons of total categorical wastewater on any given day during this reporting period." This compliance certification is based upon the following information: (include information required by the control mechanism)

(15) The Control Authority that chooses to receive electronic documents must satisfy the requirements of 40 CFR Part 3 - (Electronic reporting).

8.12 CONFIDENTIALITY OF INFORMATION. Any information submitted to the Executive Secretary pursuant to these regulations may be claimed as confidential by the person making the submission. Any such claim must be asserted at the time of submission in the manner prescribed on the application form or instructions, or, in the case of other submissions, by stamping the words "confidential business information" on each page containing such information. If no claim is made at the time of submission, the Executive Secretary may make the information available to the public without further notice. If a claim is asserted, the information will be treated in accordance with the procedures in the 40 CFR Part 2. Information and data provided to the Executive Secretary pursuant to this part which is effluent data shall be available to the public without restriction. All other information which is submitted to the State or POTW shall be available to the public at least to the standards of 40 CFR 2.302.

8.13 NET/GROSS CALCULATION. Categorical Pretreatment Standards may be adjusted to reflect the presence of pollutants in an Industrial User's intake water in accordance with this section.

(1) Application. Any Industrial User wishing to obtain

credit for intake pollutants must make application to the Control Authority. Upon request of the Industrial User, the applicable standard will be calculated on a "net" basis (i.e., adjusted to reflect credit for pollutants in the intake water) if the requirements of R317-8-8.13(2) are met.

(2) Criteria

(a) Either:

1. The applicable Categorical Pretreatment Standards contained in 40 CFR subchapter N specifically provide that they shall be applied on a net basis, or

2. The Industrial User must demonstrate that the control system it proposes or uses to meet applicable Categorical Pretreatment Standards would, if properly installed and operated, meet the standards in the absence of pollutants in the intake water.

(b) Credit for generic pollutants such as biochemical oxygen demand (BOD), total suspended solids (TSS) and oil and grease should not be granted unless the Industrial User demonstrates that the constituents of the generic measure in the User's effluent are substantially similar to the constituents of the generic measure in the intake water or unless appropriate additional limits are placed on process water pollutants either at the outfall or elsewhere.

(c) Credit shall be granted only to the extent necessary to meet the applicable Categorical Pretreatment Standard(s), up to a maximum value equal to the influent value. Additional monitoring may be necessary to determine eligibility for credits and compliance with standard(s) adjusted under this section.

(d) Credit shall be granted only if the User demonstrates that the intake water is drawn from the same body of water as that into which the POTW discharges. The Control Authority may waive this requirement if it finds that no environmental degradation will result.

8.14 UPSET PROVISION

(1) Definition. "Upset" as used in this subsection means an exceptional incident in which there is unintentional and temporary noncompliance with Categorical Pretreatment Standards because of factors beyond the reasonable control of the Industrial User. An upset does not include noncompliance to the extent caused by operational error, improperly designed treatment facilities, inadequate treatment facilities, lack of preventive maintenance, or careless or improper operation.

(2) Effect of an Upset. An upset constitutes an affirmative defense to an action brought for noncompliance with Categorical Pretreatment Standards if the requirements of R317-8-8.14(3) are met.

(3) Conditions Necessary for a Demonstration of Upset. An Industrial User who wishes to establish the affirmative defense of upset shall demonstrate, through properly signed, contemporaneous operating logs, or other relevant evidence that:

(a) An upset occurred and the Industrial User can identify the cause(s) of the upset;

(b) The facility was at the time being operated in a prudent and workmanlike manner and in compliance with applicable operation and maintenance procedures;

(c) The Industrial User has submitted the following information to the POTW and Control Authority within 24 hours of becoming aware of the upset or if this information is provided orally, a written submission within five days:

1. A description of the indirect discharge and cause of noncompliance;

2. The period of noncompliance, including exact dates and times or, if not corrected, the anticipated time the noncompliance is expected to continue;

3. Steps being taken and/or planned to reduce, eliminate and prevent recurrence of the noncompliance.

(4) Burden of Proof. In any enforcement proceeding the Industrial User seeking to establish the occurrence of an upset shall have the burden of proof.

(5) Reviewability of Agency Consideration of Claims of Upset. In the usual exercise of prosecutorial discretion, State enforcement personnel will review any claims that noncompliance was caused by an upset. No determinations made in the course of the review constitutes final agency action subject to judicial review. Industrial Users will have the opportunity for a judicial determination on any claim of upset only in an enforcement action brought for noncompliance with Categorical Pretreatment Standards.

(6) User responsibility in case of upset. The Industrial User shall control production or discharges to the extent necessary to maintain compliance with Categorical Pretreatment Standards upon reduction, loss or failure of its treatment facility until the facility is restored or an alternative method of treatment is provided. This requirement applies in the situation where, among other things, the primary source of power of the treatment facility is reduced, lost or fails.

8.15 BYPASS PROVISION

(1) Definitions.

(a) "Bypass" means the intentional diversion of wastestreams from any portion of an Industrial User's treatment facility.

(b) "Severe property damage" means substantial physical damage to property, damage to the treatment facilities which causes them to become inoperable, or substantial and permanent loss of natural resources which can reasonably be expected to occur in the absence of a bypass. Severe property damage does not mean economic loss caused by delays in production.

(2) Bypass not violating applicable pretreatment standards or requirements. An Industrial User may allow any bypass to occur which does not cause pretreatment standards or requirements to be violated, but only if it also is for essential maintenance to assure efficient operation. These bypasses are not subject to the provisions of R317-8-8.15(3) and (4).

(3) Notice.

(a) If an Industrial User knows in advance of the need for a bypass, it shall submit prior notice to the Control Authority, if possible at least ten days before the date of the bypass.

(b) An Industrial User shall submit oral notice of an unanticipated bypass that exceeds applicable pretreatment standards to the Control Authority within 24 hours from the time the Industrial User becomes aware of the bypass. A written submission shall also be provided within 5 days of the time the Industrial User becomes aware of the bypass. The written submission shall contain a description of the bypass and its cause; the duration of the bypass, including exact dates and times and if the bypass has not been corrected, the anticipated time it is expected to continue; and steps taken or planned to reduce, eliminate, and prevent reoccurrence of the bypass. The Control Authority may waive the written report on a case-by-case basis if the oral report has been received within 24 hours.

(4) Prohibition of bypass.

(a) Bypass is prohibited and the Control Authority may take enforcement action against an Industrial User for a bypass, unless:

1. Bypass was unavoidable to prevent loss of life, personal injury, or severe property damage;

2. There were no feasible alternatives to the bypass, such as the use of auxiliary treatment facilities, retention of untreated waters, or maintenance during normal periods of equipment downtime. This condition is not satisfied if adequate back-up equipment should have been installed in the exercise of reasonable engineering judgment to prevent a bypass which occurred during normal periods of equipment downtime or preventative maintenance; and

3. The Industrial User submitted notices as required under R317-8-8.15(3).

(b) The Control Authority may approve an anticipated bypass, after considering its adverse effects, if the Control

Authority determines that it will meet the three conditions listed in R317-8-8.15(4)(a).

8.16 MODIFICATION OF POTW PRETREATMENT PROGRAMS

(1) General. Either the Executive Secretary or a POTW with an approved POTW Pretreatment Program may initiate program modification at any time to reflect changing conditions at the POTW. Program modification is necessary whenever there is a significant change in the operation of a POTW pretreatment program that differs from the information in the POTW's submission, as approved under Section R317-8-8.10.

(2) Procedures. POTW pretreatment program modifications shall be accomplished as follows:

(a) For substantial modifications, as defined in R317-8-8.16(3):

1. The POTW shall submit to the Executive Secretary a statement of the basis for the desired modification, a modified program description or such other documents the Executive Secretary determines to be necessary under the circumstances.

2. The Executive Secretary shall approve or disapprove the modification based on its regulatory requirements of R317-8-8.8(6) and using the procedures in R317-10(2) through (6), except as provided in paragraphs (2)4. of this section. The modification shall become effective upon approval by the Executive Secretary.

3. The modification shall be incorporated into the POTW's UPDES permit after approval. The permit will be modified to incorporate the approved modification in accordance with R317-8-5.6(3)(g).

4. The Approval Authority need not publish a notice of decision provided: The notice of request for approval states that the request will be approved if no comments are received by a date specified in the notice; no substantive comments are received; and the request is approved without change.

(b) The POTW shall notify the Executive Secretary of any other (i.e. non-substantial) modifications to its pretreatment program at least 45 days prior to when they are to be implemented by the POTW, in a statement similar to that provided for in R317-8-8.16(2)(a)1. Such non-substantial program modifications shall be deemed to be approved by the Executive Secretary, unless the Executive Secretary determines that a modification submitted is in fact a substantial modification, 90 days after the submission of the POTW's statement. Following such "approval" by the Executive Secretary such modifications shall be incorporated in the POTW's permit in accordance with R317-8-5.6(2)(g). If the Executive Secretary determines that a modification reported by a POTW is in fact a substantial modification, the Executive Secretary shall notify the POTW and initiate the procedures in R317-8-8.16(2)(a).

(3) Substantial modifications.

(a) The following are substantial modifications for purposes of this section:

1. Changes to the POTW's legal authorities;

2. Changes to local limits, which result in less stringent local limits;

3. Changes to the POTW's control mechanism;

4. Changes to the POTW's method for implementing Categorical Pretreatment Standards (e.g., incorporation by reference, separate promulgation, etc.):

5. A decrease in the frequency of self-monitoring or reporting required of Industrial Users;

6. A decrease in the frequency of Industrial User inspections or sampling by the POTW;

7. Changes to the POTW's confidentiality procedures;

8. Significant reductions in the POTW's Pretreatment Program resources (including personnel commitments, equipment, and funding levels); and

9. Changes in the POTW's sludge disposal and management practices.

(b) The Executive Secretary may designate other specific modifications in addition, to those listed in R317-8-8.16(3)(a), as substantial modifications.

(c) A modification that is not included in R317-8-8.16(3)(a) is nonetheless a substantial modification for purposes of this section if the modification:

1. Would have a significant impact on the operation of the POTW's Pretreatment Program;

2. Would result in an increase in pollutant loadings at the POTW; or

3. Would result in less stringent requirements being imposed on Industrial Users of the POTW.

8.17 VARIANCES FROM CATEGORICAL PRETREATMENT STANDARDS FOR FUNDAMENTALLY DIFFERENT FACTORS (FDF). A variance may be granted, using the procedures of 40 CFR 403.13, to an Industrial User if data specific to the User indicates it presents factors fundamentally different from those considered by EPA in developing the limit at issue.

40 CFR 403.13 is incorporated into this rule by reference as indicated in R317-8-1.10(6)

KEY: water pollution, discharge permits

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Notice of Continuation October 4, 2007	**19-5-104**
	40 CFR 503

R477. Human Resource Management, Administration.
R477-12. Separations.
R477-12-1. Resignation.

A career service employee may resign or retire by giving written or verbal notice to the immediate supervisor or an appropriate representative of management in the work unit.

(1) Agency management may accept an employee's notice of resignation or retirement without prejudice when received at least ten working days before its effective date.

(2) After submitting a notice of resignation or retirement, an employee may withdraw it on the next working day by notifying the immediate supervisor or an appropriate representative of management in the work unit.

(a) If the withdrawal notice is verbal, the employee shall submit a written notification within 24 hours of the verbal notice.

(b) After the close of the next working day following submission, withdrawal of a resignation or retirement may occur only with the consent of agency management.

R477-12-2. Abandonment of Position.

An employee who is absent from work for three consecutive working days without approval shall be considered to have abandoned his position and to have resigned from the employing agency.

(1) An employee who has abandoned his position may be separated from state employment. Management shall inform the employee of the action in writing.

(a) The employee shall have the right to appeal to the agency head within five working days of receipt or delivery of the notice of abandonment to the last known address.

(b) If the separation is appealed, management may not be required to prove intent to abandon the position.

R477-12-3. Reduction in Force.

Reductions in force (RIF) required by inadequate funds, a change of workload, or lack of work shall be governed by DHRM rules and business practices.

(1) When staff will be reduced in one or more categories of work, agency management shall develop a work force adjustment plan (WFAP). A career service employee shall only be given formal written notification of separation after a WFAP has been reviewed by the Executive Director, DHRM, or designee and approved by Agency Head or designee. The following items shall be addressed in the WFAP:

(a) the categories of work to be eliminated, including positions impacted through bumping, as determined by management;

(b) a decision by agency management allowing or disallowing bumping;

(c) specifications of measures taken to facilitate the placement of affected employees through normal attrition, retirement, reassignment, relocation, and movement to vacant positions for which the employee qualifies;

(d) job-related criteria as identified in Subsection R477-12-3(3)(a) used for determining retention points; and

(e) a list of all affected employees showing the retention points for each employee.

(2) Eligibility for RIF.

(a) Only career service employees who have been identified in an approved WFAP and given an opportunity to be heard by the agency head or designee may be RIF'd.

(b) An employee covered by USERRA shall be identified, assigned retention points, and notified of the RIF in the same manner as a career service employee.

(3) Retention points shall be determined for all affected employees within a category of work by giving appropriate consideration for proficiency and seniority with proficiency being the primary factor.

(a) Performance evaluations and performance information for the past three years may be taken into account for assessing job proficiency. The following job-related criteria may be considered:

(i) quality of work;

(ii) productivity;

(iii) skills demonstrated through work performance; or

(iv) other factors that relate to employee performance or conduct.

(b) Seniority shall be determined by the length of most recent continuous career service, which commenced in a competitive career service position for which the probationary period was successfully completed.

(i) Exempt service time subsequent to attaining career service tenure with no break in service shall be counted for purposes of seniority.

(c) In each WFAP, agency management shall develop the criteria they will use for determining retention points.

(i) Agency Management shall consult with Executive Director, DHRM or designee.

(ii) Agency plans shall comply with current DHRM business practices.

(4) The order of separation shall be:

(a) temporary employees;

(b) probationary employees; then

(c) career service employees with the lowest retention points.

(5) An employee, including one covered under USERRA, who is separated due to a RIF shall be given formal written notification of separation, allowing for a minimum of 20 working days prior to the effective date of the RIF.

(6) An employee notified of separation due to a RIF may appeal to the agency head by submitting a written notice of appeal within 20 working days after the receipt of written notification of separation.

(a) The employee may appeal the decision of the agency head according to the appeals procedure of the Career Service Review Board.

(7) Reappointment of RIF'd individual.

(a) A RIF'd individual is eligible for reappointment into a half time or greater career service position for which he qualifies in a salary range comparable to or less than the last career service position held, for a period of one year following the date of separation. Section R477-4-4 applies for selection of individuals from the reappointment register.

(i) The Executive Director, DHRM, shall maintain a reappointment register and shall make the final determination on whether an eligible RIF'd individual meets the job requirements for position vacancies.

(ii) A RIF'd individual shall remain on the state reappointment register for one year from the date of separation, unless reappointed sooner.

(b) During a statewide mandated freeze on hiring wherein the Governor disallows increases in each agency's budgeted FTEs, eligibility for the reappointment register shall be extended for the entire length of time covered by a freeze.

(c) When determining comparable salary ranges in cases of RIF eligibility, a comparison of the previous career service salary range to the current career service salary range maximum step is required. A RIF'd individual shall have RIF rights to any vacant position for which he qualifies. The basis for comparison shall be:

(i) The current salary range of a vacant position if it is equal to or lesser than the individual's previous salary range, or;

(ii) If the maximum step of the position previously held by the RIF'd individual has moved upward, the new range shall be used.

(d) A RIF'd individual who is reappointed to a career service position shall not be required to serve a probationary

period. The RIF'd individual shall enjoy all the rights and privileges of a regular career service employee.

(e) At agency discretion, an individual reappointed from a reappointment register may buy back part or all accumulated annual and converted sick leave that was cashed out when RIF'd.

(8) Appeal rights of RIF'd individual. An individual whose name is on the reappointment register as a result of a reduction in force may use the grievance procedure regarding their reappointment rights.

(9) A career service employee in an exempt position. Any career service employee accepting an exempt position without a break in service, who is later not retained by the appointing officer, unless discharged for cause under these rules, shall be placed on the reappointment register.

(a) The Executive Director, DHRM, shall maintain a reappointment register for this purpose. An individual on this register shall:

(i) be appointed to any half time or greater career service position for which the individual qualifies in a salary range comparable to the individual's last position in the career service, provided an opening exists; or

(ii) be appointed to any lesser career service position for which the individual qualifies, pending the opening of a position at the last career service salary range held.

(b) The Executive Director, DHRM, shall make the final determination on whether an eligible individual meets the job requirements for position vacancies.

(c) The individual shall declare a desire to remain on the reappointment register upon inquiry by DHRM.

(d) Prior to termination and in lieu of placement on the reappointment register, management may reassign an employee to a vacant career service position consistent with Subsection R477-12-3(7)(c) for which he qualifies.

R477-12-4. Exceptions.

The Executive Director, DHRM, may authorize exceptions to this rule consistent with Subsection R477-2-2(1).

KEY: administrative procedures, employees' rights, grievances, retirement

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Notice of Continuation June 9, 2007	**67-19-17**
	67-19-18

R547. Human Services, Juvenile Justice Services.
R547-6. Youth Parole Authority Policies and Procedures.
R547-6-1. Authority.

(1) Section 62A-1-111 authorizes the Department of Human Services to adopt administrative rules.

R547-6-2. Definitions.

(1) Detainer is an order to hold a youth for another governmental agency.

R547-6-3. Administration and Organization.

Section 62A-7-501 establishes a Youth Parole Authority within the Division of Juvenile Justice Services which has responsibility for parole release, rescission, revocation, and termination of parole for youth offenders committed to the Division for secure confinement.

(1) The Authority is established as an autonomous organizational entity reporting directly to the Board of Juvenile Justice Services.

(2) The following criteria shall be utilized by the Board of Juvenile Justice Services in the selection and appointment of the Authority members:

(a) A member shall have training or experience in social work, law, juvenile or criminal justice, or related behavioral sciences.

(b) A member shall not be an employee of the Department of Human Services, other than in the capacity as a member of the Authority, and may not hold any public office during the tenure of the appointment. A member shall not hold a position in the State's juvenile justice system or be an employee, officer, advisor, policy board member, or subcontractor of any juvenile justice agency or its contractor during the tenure of the appointment.

(c) The membership shall represent, to the extent possible, a diversity of the population under the jurisdiction of the Division.

(d) The membership shall be composed of individuals with the capacity to conduct hearings in a professional manner, develop appropriate policies and procedures, be sensitive to both legal and treatment oriented issues and promote credibility in the parole release process.

(3) Youth Parole Authority members shall be appointed for terms of three years by the Board of Juvenile Justice Services.

(4)(a) The Board of Juvenile Justice Services shall elect the chairperson and vice-chairperson of the Authority by majority vote for terms of one year. A second vice-chairperson shall be designated by the Authority members present at hearings in which the chairperson and vice-chairperson are absent.

(b) The duties of the chairperson are as follows:

(i) to preside at meetings and hearings and in the chairperson's absence the first vice-chairperson shall act. In the absence of the chairperson and first vice-chairperson, the second vice-chairperson shall preside at the meeting or hearing.

(ii) to act as official spokesperson for the Authority with the concurrence of the Authority;

(iii) to work closely with the Administrative Officer in the administration of the Authority and in coordinating with the Division.

(5) Any member of the Authority may be removed from office by the Board of Juvenile Justice Services for cause.

(6) The Authority shall seek parity with salaries of other state officers performing similar and responsible duties.

(7) The Division Director shall ensure that time is available for Division members to participate in training and administrative meetings related to Authority and Division matters.

(8) The Authority has the power to require that general and specific conditions of parole be followed in the supervision of parolees.

(9) The Authority has the statutory power, Section 62A-7-501(12), to secure prompt and full information relating to youth offenders committed to the Division from the staffs of the secure facilities, regional offices, community placements, and the juvenile court.

(10) The Authority has statutory power, Section 62A-7-504, to cause the arrest of parolees and the power to revoke parole.

(11) The Authority has the designated power to terminate youthful offenders from parole.

(12) The Authority shall establish policies and procedures for its governance, meeting, hearings, the conduct of proceedings before it, the parole of youth offenders, and the general conditions under which parole may be granted, rescinded, revoked, modified, and terminated. The Authority's policies and procedures are subject to the approval of the Board of Juvenile Justice Services.

(13) The policy and procedures manual of the Authority will be readily available to youth in secure facilities, parolees, staff and the public.

(14) The Authority shall request any needed legal assistance from the Attorney General's Office.

(15) The position of an Administrative Officer shall be established to carry out day to day functions and to implement the policies and procedures of the Authority.

(16) Required staff shall be appointed to the Authority.

R547-6-4. Hearings.

A case file shall be maintained on each youth that comes before the Authority. Materials in the case files are clearly identified as to source, verification and confidentiality.

(1) For the proper operation of the Authority and protection of those furnishing information and for the best interests of youth offenders and society, all written documents, evaluations or medical reports, opinions, investigative reports which contain or are based upon information that is, either privileged by statute or court rule or order of the Authority, or of such confidential nature that the Authority concludes the rights and reputations of particular person or persons rending the order, decision, opinions or submitting the documents would be jeopardized or threatened, or the public interest would not be served, shall be classified as controlled and not be made available to the youth offender or his representative or for public inspection. Requests and reasons for any exceptions shall be submitted in a petition to the Authority, which may upon good cause grant the request.

(2) The Authority may order, when necessary, examinations and opinions by certified psychiatrists or psychologists. Certified members of the appropriate professions shall be available for such examinations and opinions.

(3) In order to have adequate time for case preparation, the Authority will be provided, in advance of hearings, with the necessary case materials and information to make appropriate decisions.

(4) A calendar shall be prepared in advance of all parole hearings.

(5) The number of full hearings scheduled for an Authority panel in a single day should be limited to 12 cases.

(6) Youth offenders shall be notified in writing at least 14 calendar days in advance of initial and parole review hearings and shall be specifically advised as to the purpose of the hearing.

(7) The Authority hearings are not open to the public; however, the Authority has the discretion to admit to the hearings any persons who may serve in the best interest of the youth.

(8) Hearings by the Authority shall be conducted in a

secure environment and in private rooms appropriately furnished and of adequate size and comfort.

(9) Youth offenders may have assistance from qualified persons for an effective case presentation.

(10) Youth offenders shall have legal representation at parole revocation hearings. Legal representation shall not be permitted at initial, parole review, progress review, and rescission hearings. Legal representation shall be at the discretion of the hearing officer at preliminary hearings. Legal representation shall be at the discretion of the Authority at special hearings.

(11) It is the policy of the Authority that all youth offenders shall have a personal appearance before the Authority, which provides for ample opportunity for the expression of the youth's views, particularly in the situation where parole may be denied.

(12) A record shall be made of all proceedings and findings made by the Authority.

(13) The youth offender will be notified verbally of the Authority's decisions at the conclusion of each hearing. All decisions shall be supported in writing and forwarded to the youth within 14 days of the hearing date.

(14) The youth offender, parent, or legal guardian of the youth offender may appeal any decision of the Authority regarding parole release or revocation to the Executive Director of the Department of Human Services or designee.

(15)(a) The criteria employed by the Authority in its decision making process are available in written form in the administrative office of the Division of Juvenile Justice Services and are specific enough to permit consistent application to individual cases.

(b) Youth offenders committed to the Division for secure confinement may be released by the Authority earlier than their recommended guideline, when the Division's secure facilities are at maximum capacity.

(16) It is the policy of the Authority that all youth offenders shall be automatically scheduled for an initial hearing before the Authority within 90 days of commitment to a secure facility.

(17) It is the policy of the Authority that a youth offender shall have a progress review hearing held 180 days from the date of the initial hearing, when a parole review hearing has not been scheduled due to lengthy guideline considerations.

(18) All youth offenders shall have a parole review hearing before the Authority prior to release. The parole review hearing shall be scheduled within 180 days of either the initial hearing or the progress review hearing. A date for parole release shall be established at the parole review hearing when appropriate.

(19) The parole release date established by the Authority shall remain in effect except upon findings by the Authority that cause exists for the rescission of said date.

(20) The youth can petition the Authority for reconsideration of an earlier decision, including release prior to the original parole date.

(21) Each parolee shall receive and sign a written copy of the parole agreement.

(22) The parole agreement can be amended upon approval by the Authority.

(23) The Authority does not accept the presence of a detainer as an automatic bar to release; rather, the Authority pursues the basis of any such detainer, and releases the youth per detainer where appropriate.

(24) The Authority has power to terminate youth offenders from parole supervision. Youth are not continued on active parole after one year without cause.

R547-6-5. Arrest and Revocation.

(1) An Incident Report Form will be used to convey information to the Authority regarding parolees. The assigned parole officer is responsible to keep the Authority informed regarding all parole violations.

(2) Revocation proceedings will be initiated by the region office when there is probable cause that a parole violation(s) has occurred and that such proceedings are in the best interest of the youth or the community.

(3) A pre-revocation hearing may be held by the Administrative Officer or designee to determine whether there is probable cause to return a youth to a secure facility for a parole violation hearing.

(4) The Administrative Officer in behalf of the Authority may issue warrants of arrest.

(5) An alleged parole violator will have a revocation hearing within 21 days of the pre-revocation hearing. Legal representation is required at revocation hearings.

KEY: juvenile corrections, parole
November 12, 2008 **62A-7**
Notice of Continuation June 4, 2007 **63G-2-304**

R590. Insurance, Administration.
R590-93. Replacement of Life Insurance and Annuities.
R590-93-1. Authority.

This rule is promulgated pursuant to Subsection 31A-2-201(3)(a) wherein the commissioner may make rules to implement the provisions of Title 31A and pursuant to Subsection 31A-23a-402(8), which allows the commissioner to define methods of competition and acts and practices found to be unfair or deceptive.

R590-93-2. Purpose and Scope.

(1) The purpose of this rule is:

(a) to regulate the activities of insurers and producers with respect to the replacement of existing life insurance and annuities; and

(b) to protect the interests of life insurance and annuity purchasers by establishing minimum standards of conduct to be observed in replacement or financed purchase transactions. It will:

(i) assure that purchasers receive information with which a decision can be made in the purchaser's own best interest;

(ii) reduce the opportunity for misrepresentation and incomplete disclosure; and

(iii) establish penalties for failure to comply with requirements of this rule.

(2) This rule applies to all insurers and producers doing life insurance and annuity transactions in this state.

(3) Unless otherwise specifically included, this rule shall not apply to transactions involving:

(a) credit life insurance;

(b) group life insurance or group annuities where there is no direct solicitation of individuals by an insurance producer. Direct solicitation shall not include any group meeting held by an insurance producer solely for the purpose of educating or enrolling individuals or, when initiated by an individual member of the group, assisting with the selection of investment options offered by a single insurer in connection with enrolling that individual. Group life insurance or group annuity certificates marketed through direct response solicitation shall be subject to the provisions of Section R590-93-8;

(c) group life insurance and annuities used to fund prearranged funeral contracts;

(d) an application to the existing insurer that issued the existing policy or contract when a contractual change or a conversion privilege is being exercised; or, when the existing policy or contract is being replaced by the same insurer pursuant to a program filed with and approved by the commissioner or when a term conversion privilege is exercised among corporate affiliates;

(e) proposed life insurance that is to replace life insurance under a binding or conditional receipt issued by the same company;

(f)(i) policies or contracts used to fund:

(A) an employee pension or welfare benefit plan that is covered by the Employee Retirement and Income Security Act (ERISA);

(B) a plan described by Sections 401(a), 401(k) or 403(b) of the Internal Revenue Code, where the plan, for purposes of ERISA, is established or maintained by an employer;

(C) a governmental or church plan defined in Section 414, a governmental or church welfare benefit plan, or a deferred compensation plan of a state or local government or tax exempt organization under Section 457 of the Internal Revenue Code; or

(D) a nonqualified deferred compensation arrangement established or maintained by an employer or plan sponsor.

(ii) Notwithstanding Subsection (i), this rule shall apply to policies or contracts used to fund any plan or arrangement that is funded solely by contributions an employee elects to make, whether on a pre-tax or after-tax basis, and where the insurer has been notified that plan participants may choose from among two or more insurers and there is a direct solicitation of an individual employee by an insurance producer for the purchase of a contract or policy. As used in this subsection, direct solicitation shall not include any group meeting held by an insurance producer solely for the purpose of educating individuals about the plan or arrangement or enrolling individuals in the plan or arrangement or, when initiated by an individual employee, assisting with the selection of investment options offered by a single insurer in connection with enrolling that individual employee;

(g) where new coverage is provided under a life insurance policy or contract and the cost is borne wholly by the insured's employer or by an association of which the insured is a member;

(h) existing life insurance that is a non-convertible term life insurance policy that will expire in five years or less and cannot be renewed;

(i) immediate annuities that are purchased with proceeds from an existing contract. Immediate annuities purchased with proceeds from an existing policy are not exempted from the requirements of this rule; or

(j) structured settlements.

(4) Registered contracts shall be exempt from the requirements of Subsections R590-93-6(1)(c) and R590-93-7(2) with respect to the provision of illustrations or policy summaries; however, premium or contract contribution amounts and identification of the appropriate prospectus or offering circular shall be required instead.

R590-93-3. Definitions.

In addition to the definitions of Section 31A-1-301, the following definitions shall apply for the purposes of this rule.

(1) "Direct-response solicitation" means a solicitation through a sponsoring or endorsing entity or individually solely through mails, telephone, the Internet or other mass communication media.

(2) "Existing insurer" means the insurance company whose policy or contract is or will be changed or affected in a manner described within the definition of "replacement."

(3) "Existing policy or contract" means an individual life insurance policy, herein referred to as policy, or annuity contract, herein referred to as contract, in force, including a policy under a binding or conditional receipt or a policy or contract that is within an unconditional refund period.

(4) "Financed purchase" means the purchase of a new policy involving the actual or intended use of funds obtained by the withdrawal or surrender of, or by borrowing from values of an existing policy to pay all or part of any premium due on the new policy. For purposes of a regulatory review of an individual transaction only, if a withdrawal, surrender or borrowing involving the policy values of an existing policy is used to pay premiums on a new policy owned by the same policyholder and issued by the same company within four months before or 13 months after the effective date of the new policy, it will be deemed prima facie evidence of the policyholder's intent to finance the purchase of the new policy with existing policy values. This prima facie standard is not intended to increase or decrease the monitoring obligations contained in Subsection R590-93-5(1)(e).

(5) "Illustration" means a presentation or depiction that includes non-guaranteed elements of a policy of life insurance over a period of years as defined in R590-177, Life Insurance Illustrations Rule.

(6) "Notice" means Appendix A and Appendix C, Important Notice: Replacement of Life Insurance or Annuities, and Appendix B, Notice Regarding Replacement, from the National Association of Insurance Commissioners, dated 2006 and which are incorporated herein by reference. The notice is

to be made available by the replacing insurer and must be imprinted with the name, address, and telephone number of the replacing insurer.

(7)(a) "Policy summary" for policies or contracts other than universal life policies, means a written statement regarding a policy or contract which shall contain to the extent applicable, but need not be limited to, the following information:

(i) current death benefit;

(ii) annual contract premium;

(iii) current cash surrender value;

(iv) current dividend;

(v) application of current dividend; and

(vi) amount of outstanding loan.

(b) "Policy summary" for universal life policies, means a written statement that shall contain at least the following information:

(i) the beginning and end date of the current report period;

(ii) the policy value at the end of the previous report period and at the end of the current report period;

(iii) the total amounts that have been credited or debited to the policy value during the current report period, identifying each by type, e.g., interest, mortality, expense and riders;

(iv) the current death benefit at the end of the current report period on each life covered by the policy;

(v) the net cash surrender value of the policy as of the end of the current report period; and

(vi) the amount of outstanding loans, if any, as of the end of the current report period.

(8) "Replacing insurer" means the insurance company that issues or proposes to issue a new policy or contract that replaces an existing policy or contract or is a financed purchase.

(9) "Registered contract" means a variable annuity contract or variable life insurance policy subject to the prospectus delivery requirements of the Securities Act of 1933.

(10) "Replacement" means a transaction in which a new policy or contract is to be purchased, and it is known or should be known to the proposing producer, or to the proposing insurer if there is no producer, that by reason of the transaction, an existing policy or contract has been or is to be:

(a) lapsed, forfeited, surrendered or partially surrendered, assigned to the replacing insurer or otherwise terminated;

(b) converted to reduced paid-up insurance, continued as extended term insurance, or otherwise reduced in value by the use of nonforfeiture benefits or other policy values;

(c) amended so as to effect either a reduction in benefits or in the term for which coverage would otherwise remain in force or for which benefits would be paid;

(d) reissued with any reduction in cash value; or

(e) used in a financed purchase.

(11) "Sales material" means a sales illustration and any other written, printed or electronically presented information created, or completed or provided by the company or producer and used in the presentation to the policy or contract holder related to the policy or contract purchased.

R590-93-4. Duties of Producers.

(1) A producer who initiates an application shall submit to the insurer, with or as part of the application, a statement signed by the applicant as to whether the applicant has existing policies or contracts. If the answer is "no," the producer's duties with respect to replacement are complete.

(2) If the applicant answered "yes" to the question regarding existing coverage referred to in Subsection (1), the producer shall present and read to the applicant, not later than at the time of taking the application, the Notice regarding replacements in the form as described in Appendix A or other substantially similar document filed with the commissioner. However, a filing shall not be required when amendments to the Notice are limited to the omission of references not applicable to the product being sold or replaced. The Notice shall be signed by both the applicant and the producer attesting that the Notice has been read aloud by the producer or that the applicant did not wish the Notice to be read aloud, in which case the producer need not have read the Notice aloud, and left with the applicant. With respect to an electronically completed application and Notice, the producer is not required to leave a copy of the electronically completed Notice with the applicant.

(3) The Notice shall list each existing policy or contract contemplated to be replaced, properly identified by name of insurer, the insured or annuitant, and policy or contract number if available; and shall include a statement as to whether each policy or contract will be replaced or whether a policy will be used as a source of financing for the new policy or contract. If a policy or contract number has not been issued by the existing insurer, alternative identification, such as an application or receipt number, shall be listed.

(4) In connection with a replacement transaction the producer shall leave with the applicant at the time an application for a new policy or contract is completed the original or a copy of all sales material. With respect to electronically presented sales material, it shall be provided to the policy or contract holder in printed form no later than at the time of policy or contract delivery.

(5) Except as provided in Subsection R590-93-6(3), in connection with a replacement transaction the producer shall submit to the insurer to which an application for a policy or contract is presented, a copy of each document required by this section, a statement identifying any preprinted or electronically presented company approved sales materials used, and copies of any individualized sales materials, including any illustrations related to the specific policy or contract purchased.

R590-93-5. Duties of Insurers that Use Producers.

Each insurer shall:

(1) maintain a system of supervision and control to insure compliance with the requirements of this rule that shall include at least the following:

(a) inform its producers of the requirements of this rule and incorporate the requirements of this rule into all relevant producer training manuals prepared by the insurer;

(b) provide to each producer a written statement of the company's position with respect to the acceptability of replacements providing guidance to its producer as to the appropriateness of these transactions;

(c) a system to review the appropriateness of each replacement transaction that the producer does not indicate is in accord with Subsection (b) above;

(d) procedures to confirm that the requirements of this rule have been met;

(e) procedures to detect transactions that are replacements of existing policies or contracts by the existing insurer, but that have not been reported as such by the applicant or producer. Compliance with this rule may include, but shall not be limited to, systematic customer surveys, interviews, confirmation letters, or programs of internal monitoring;

(2) have the capacity to monitor each producer's life insurance policy and annuity contract replacements for that insurer, and shall produce, upon request, and make such records available to the department. The capacity to monitor shall include the ability to produce records for each producer's:

(a) life replacements, including financed purchases, as a percentage of the producer's total annual sales for life insurance;

(b) number of lapses of policies by the producer as a percentage of the producer's total annual sales for life insurance;

(c) annuity contract replacements as a percentage of the producer's total annual annuity contract sales;

(d) number of transactions that are unreported replacements of existing policies or contracts by the existing

insurer detected by the company's monitoring system as required by Subsection R590-93-5(1)(e); and

(e) replacements, indexed by replacing producer and existing insurer;

(3) require with or as a part of each application for life insurance or an annuity a signed statement by the applicant as to whether the applicant has existing policies or contracts;

(4) require with each application for life insurance or annuity that indicates an existing policy or contract, a completed Notice regarding replacements as contained in Appendix A;

(5) when the applicant has existing policies or contracts, each insurer shall be able to produce copies of any sales material required by Subsection R590-93-4(5), the basic illustration and any supplemental illustrations related to the specific policy or contract that is purchased, and the producer's and applicant's signed statements with respect to financing and replacement for at least five years after the termination or expiration of the proposed policy or contract;

(6) ascertain that the sales material and illustrations required by Subsection R590-93-4(5) of this rule meet the requirements of this rule and are complete and accurate for the proposed policy or contract;

(7) if an application does not meet the requirements of this rule, notify the producer and applicant and fulfill the outstanding requirements; and

(8) maintain records in any media or by any process that accurately reproduces the actual document.

R590-93-6. Duties of Replacing Insurers that Use Producers.

(1) Where a replacement is involved in the transaction, the replacing insurer shall:

(a) verify that the required forms are received and are in compliance with this rule;

(b) with respect to an electronically completed Notice, the replacing insurer shall send a printed copy of the electronically executed Notice to the applicant within five business days of the date the Notice is received by the company;

(c) notify any other existing insurer that may be affected by the proposed replacement within five business days of receipt of a completed application indicating replacement or when the replacement is identified if not indicated on the application, and mail a copy of the available illustration or the policy summary for the proposed policy or disclosure document for the proposed contract within five business days of a request from an existing insurer;

(d) be able to produce copies of the notification regarding replacement required in Subsection R590-93-4(2), indexed by producer, for at least five years or until the next regular examination by the insurance department of a company's state of domicile, whichever is later; and

(e) provide to the policy or contract holder notice of the right to return the policy or contract within 30 calendar days of the delivery of the contract and receive an unconditional full refund of all premiums or considerations paid on it; such notice may be included in Appendix A or C. This subsection does not preempt the requirements of 31A-22-423.

(2) In transactions where the replacing insurer and the existing insurer are the same or subsidiaries or affiliates under common ownership or control, allow credit for the period of time that has elapsed under the replaced policy's or contract's incontestability and suicide periods up to the face amount of the existing policy or contract. With regard to financed purchases the credit may be limited to the amount the face amount of the existing policy is reduced by the use of existing policy values to fund the new policy or contract.

(3) If an insurer prohibits the use of sales material other than that approved by the company, as an alternative to the requirements made of an insurer pursuant to Subsection R590-93-4(5) with regard to sales materials, the insurer may:

(a) require with each application a statement signed by the producer that:

(i) represents that the producer used only company-approved sales material; and

(ii) states that copies of all sales material were left with the applicant in accordance with Subsection R590-93-4(4); and

(b) within ten business days of the issuance of the policy or contract:

(i) notify the applicant by sending a letter or by verbal communication with the applicant by a person whose duties are separate from the marketing area of the insurer, that the producer has represented that copies of all sales material have been left with the applicant in accordance with Subsection R590-93-4(4);

(ii) provide the applicant with a toll free number to contact company personnel involved in the compliance function if such is not the case; and

(iii) stress the importance of retaining copies of the sales material for future reference; and

(c) be able to produce a copy of the letter or other verification in the policy file for at least five years after the termination or expiration of the policy or contract.

R590-93-7. Duties of the Existing Insurer.

Where a replacement is involved in the transaction, the existing insurer shall:

(1) retain and be able to produce all replacement notifications received, indexed by replacing insurer, for at least five years or until the conclusion of the next regular examination conducted by the insurance department of its state of domicile, whichever is later;

(2) within 5 business days of a replacement notification send a letter to the policy or contract holder of the right to receive information regarding the existing policy or contract values including, if available, an in force illustration or policy summary if an in force illustration cannot be produced. The policy or contract information shall be provided within five business days of receipt of the request from the policy or contract holder; and

(3) upon receipt of a request to borrow, surrender or withdraw any policy values, send a notice, advising the policy holder that the release of policy values may affect the guaranteed elements, non-guaranteed elements, face amount or surrender value of the policy from which the values are released. The notice shall be sent directly to the policyholder if the check is sent to anyone other than the policyholder. In the case of consecutive automatic premium loans, the insurer is only required to send the notice at the time of the first loan.

R590-93-8. Duties of Insurers with Respect to Direct Response Solicitations.

(1) In the case of an application that is initiated as a result of a direct response solicitation, the insurer shall require, with or as part of each completed application for a policy or contract, a statement asking whether the applicant, by applying for the proposed policy or contract, intends to replace, discontinue or change an existing policy or contract. If the applicant indicates a replacement or change is not intended or if the applicant fails to respond to the statement, the insurer shall send the applicant, with the policy or contract, the Notice regarding replacement in Appendix B, or other substantially similar form approved by the commissioner.

(2) If the insurer has proposed the replacement or if the applicant indicates a replacement is intended and the insurer continues with the replacement, the insurer shall:

(a) provide to applicants or prospective applicants with the policy or contract a Notice, as described in Appendix C, or other substantially similar document filed with the commissioner. In these instances the insurer may delete the references to the

producer, including the producer's signature, and references not applicable to the product being sold or replaced, without having to file the document with the commissioner. The insurer's obligation to obtain the applicant's signature shall be satisfied if it can demonstrate that it has made a diligent effort to secure a signed copy of the Notice referred to in this subsection. The requirement to make a diligent effort shall be deemed satisfied if the insurer includes in the mailing a self-addressed postage prepaid envelope with instructions for the return of the signed Notice referred to in this section; and

(b) comply with the requirements of Subsection R590-93-6(1)(c), if the applicant furnishes the names of the existing insurers, and the requirements of Subsections R590-93-6(1)(d), R590-93-6(1)(e), and R590-93-6(2).

R590-93-9. Violations and Penalties.

(1) Any failure to comply with this rule shall be considered a violation of 31A-23a-402. Examples of violations include:

(a) any deceptive or misleading information set forth in sales material;

(b) failing to ask the applicant in completing the application the pertinent question regarding existing policies or contracts;

(c) the intentional incorrect recording of an answer;

(d) advising an applicant to respond negatively to any question regarding replacement in order to prevent notice to the existing insurer; or

(e) advising a policy or contract holder to write directly to the company in such a way as to attempt to obscure the identity of the replacing producer or company.

(2) Policy and contract holders have the right to replace existing life insurance policies or annuity contracts after indicating in or as a part of applications for new coverage that replacement is not their intention; however, patterns of such action by policy or contract holders of the same producer shall be deemed prima facie evidence of the producer's knowledge that replacement was intended in connection with the identified transactions, and these patterns of action shall be deemed prima facie evidence of the producer's intent to violate this rule.

(3) Where it is determined that the requirements of this rule have not been met, the replacing insurer shall provide to the policy holder an in force illustration if available or a policy summary for the replacement policy or disclosure document for the replacement contract and the appropriate Notice regarding replacements in Appendix A or C.

(4) Violations of this rule shall subject the violators to penalties that may include the revocation or suspension of a producer's or company's license, monetary fines and the forfeiture of any commissions or compensation paid to a producer as a result of the transaction in connection with which the violations occurred. In addition, where the commissioner has determined that the violations were material to the sale, the insurer may be required to make restitution, restore policy or contract values and pay interest at the legal rate as provided in Title 15 of the Utah Code on the amount refunded in cash.

R590-93-10. Relationship to Other Statutes and Rules.

If any portion of this rule is inconsistent with any provision of any statute or other rule dealing with life insurance or annuity marketing practices or disclosure, said inconsistent portion shall be interpreted so as to provide the greatest information or protection to the policyholder.

R590-93-11. Severability.

If any section, term, or provision of this rule shall be adjudged invalid for any reason, such judgment shall not affect, impair or invalidate any other section, term, or provision of this rule and the remaining sections, terms, and provision shall be and remain in full force.

R590-93-12. Enforcement Date.

The commissioner will begin enforcing this rule 45 calendar days after the effective date.

KEY: life insurance, annuity replacement
August 8, 2007 **31A-2-201**
Notice of Continuation April 15, 2009 **31A-23a-402**

R590. Insurance, Administration.
R590-98. Unfair Practice in Payment of Life Insurance and Annuity Policy Values.
R590-98-1. Authority.

This rule is adopted pursuant to Section 31A-2-201 which empowers the commissioner to make rules necessary to implement Title 31A, and pursuant to Section 31A-23a-402(8), which allows the commissioner to define methods of competition and acts and practices found to be unfair or deceptive.

R590-98-2. Scope.

This rule shall apply to all persons transacting insurance under Title 31A.

R590-98-3. Purpose.

The purpose of this rule is to require a prompt response to policyholder requests for policy values and limit the exercise of the statutory deferral option to situations in which the financial stability of the insurer is at risk.

R590-98-4. Definitions.

In addition to the definitions in Section 31A-1-301, the following definitions apply for the purpose of this rule:

A. "Policy Values" means the values to which the policyholder is entitled upon request for policy loans, withdrawals, or the surrender of the policy and include cash values, accumulated dividends, coupons and other values of a similar nature.

B. "Deferral" means the withholding or delay in payment of policy values to the policyholder.

C. "Deferral" does not include the withholding or delay in payment to a policyholder of variable life insurance and variable annuity payments when the value of investment assets on which payments are based cannot be obtained because:

(1) the Securities and Exchange Commission(SEC) has restricted trading;

(2) the stock exchange is closed; or

(3) the SEC permits deferral to protect the policyholder.

D. "Policyholder" shall include, in addition to the definition in 31A-1-301, a certificate holder under a group policy.

R590-98-5. Unfair or Deceptive Acts or Practices.

The following are hereby defined as unfair or deceptive acts or practices:

A. Failing to comply with a policyholder request for policy values within 20 days of receipt of such request.

B. Exercising the nonforfeiture deferral option of Section 31A-22-408(2), 31A-22-409(3)(d), or 31A-22-420(5), in response to a request for policy values unless the financial stability of the insurer is at risk.

R590-98-6. Requirements.

A. Before an insurer exercises the right to defer the payment of any policy values, the insurer must file a written request with the commissioner. The request must include an explanation of the reason for such action, the steps to be taken by the company to alleviate the situation, the manner in which the deferment is being imposed fairly and equitably on all policyholders, the notice to policyholders as to why the company is taking such action and the anticipated date on which the policy values are expected to be available.

B. If the policy does not specify policy values between policy anniversaries, such policy values may be the values shown in the policy nonforfeiture value tables as of the end of the policy year or may be computed by the interpolation of values between policy years. If the former method is used, the company may deduct from the policy value any premiums required to pay the policy to the next succeeding anniversary date. In no event, may premiums be deducted that will advance the paid-to date past the next succeeding anniversary date.

C. No surrender or service charge assessed by the company will be deducted from the policy values unless specifically provided in the policy.

D. With consent of the policyholder, companies may process a policy loan in lieu of cash surrender as a means to conserve business, but only if the following criteria are strictly adhered to:

(1) The computation of policy values and premium deductions, if any, will be calculated on the same basis as enumerated in B above.

(2) The policyholder must be informed fully and concisely as to the reasons the company is sending the proceeds of a policy loan as opposed to the cash surrender value, an explanation as to the effect the loan will have upon interest charges, premiums, and death benefits, and the procedures for the repayment of the loan.

(3) If a policy loan check is issued in lieu of cash surrender values, the loan shall be processed within 20 days of receipt of the request to surrender. The check for policy loan values must be immediately negotiable. A stamped, self-addressed envelope and a cash surrender form must accompany the loan value check, together with appropriate instructions as to how the policyholder should proceed to obtain the full policy surrender value. A request for the balance of the cash surrender value must be processed within ten days of receipt of such request.

R590-98-7. Penalty.

Insurers found in violation of this rule shall be subject to revocation of the Certificate of Authority or such other penalty as determined by the commissioner in accordance with law.

R590-98-8. Separability.

If any provision of this rule or the application thereof to any person or circumstance is for any reason held to be invalid, the remainder of the rule and the application of such provision to other persons or circumstances shall not be affected thereby.

R590-98-9. Enforcement Date.

The commissioner will begin enforcing the revised provisions of this rule 45 days from the effective date.

KEY: insurance law
January 31, 2006 **31A-2-201**
Notice of Continuation April 15, 2009 **31A-23a-402**

R590. Insurance, Administration.
R590-166. Home Protection Service Contract Rule.
R590-166-1. Authority.

This rule is issued by the Insurance Commissioner pursuant to the authority granted under Subsection 31A-2-201(3) to adopt rules for the implementation of the Utah Insurance Code and under Subsections 31A-6a-110(1) and (2).

R590-166-2. Purpose and Scope.

The purpose of this rule is to establish certain exemptions from the requirements of Chapter 6a of Title 31A as it relates to home protection companies as defined herein.

R590-166-3. Definition.

A. "Home protection service contract," also referred to as "home service contract" or "home warranty," means a service contract as defined by Subsection 31A-6a-101(3)(a) whereby a person, other than a builder, seller, or lessor of a home which is the subject of the contract, undertakes, for a specified period of time and for a predetermined fee, to repair or replace components, systems, or appliances of such home upon mechanical or operational failure, or to make indemnification to the holder of such contract for such repair or replacement.

B. "Home protection company" means a service contract provider as defined by 31A-6a-101(5) who issues home protection service contracts, excluding insurers authorized for casualty insurance.

R590-166-4. Rule.

A. Upon prior written notification to the commissioner, home protection companies doing business in this state who are, at the time of notification, in compliance with all the terms and provisions set forth in this rule and are in compliance with all of the terms and provisions of Chapter 6a of Title 31A, except those terms and provisions specifically exempted herein, shall be exempt from the requirements of Subsections 31A-6a-103(1), 31A-6a-103(2)(a) and 31A-6a-103(2)(b) and the requirements of Subsections 31A-6a-104(2) and (8); provided, however, that nothing herein shall abrogate the requirement that home protection companies file copies of the service contracts to be used in this state, and any modifications thereto as would otherwise be required pursuant to Subsections 31A-6a-103(2)(a) and (b). So long as a home protection company remains in compliance with this rule, the home protection company's election to be subject to this rule shall remain in effect until written notification to the commissioner by the company of the company's withdrawal of its election. Notwithstanding the foregoing, home protection companies who are doing business in this state prior to the effective date of this rule and who elect to be subject to this rule as of the rule's effective date shall have until 60 days from the rule's effective date to attain compliance with all the terms and provisions of the rule.

B. To assure the faithful performance of its obligations to its contract holders the home protection company shall deposit in accordance with Section 31A-2-206 an amount not less than $10,000 for each 500 home protection service contracts in force in this state, but not to exceed $100,000. In the event of any failure of the home protection company to perform its obligations to its contract holders, the commissioner may make equitable distributions to contract-holders from funds held on deposit.

C. In lieu of the deposit required in paragraph B above, a surety bond or irrevocable letter of credit in favor of the commissioner for $50,000 may be filed by the home protection company. When, based on the home protection company's annual report pursuant to Section 5(A) hereof, the number of home protection service contracts issued by a protection company then in force in this state exceeds 2,500, the amount of the surety bond or letter of credit shall be increased to $100,000. The bond shall be issued by an insurer authorized to transact surety business in this state. Any letter of credit shall be from a bank approved by the commissioner and in a form acceptable to the commissioner. The surety bond or letter of credit shall be held for the same purpose as the deposit in lieu of which it is filed. No bond or letter of credit shall be cancelled or subject to cancellation unless at least 30 days advance notice, in writing, thereof is filed with the commissioner and evidence of other security is provided.

D. The securities, bond or letter of credit of a home protection company deposited as required by this rule shall constitute a claim fund to be administered by the commissioner for the benefit of persons sustaining actionable injury due to the insolvency or impairment of the home protection company. The commissioner may, at his option, seek assumption of an insolvent home protection company's obligations and business by a solvent company, and apply the insolvent home protection company's deposit or proceeds of any surety bond or letter of credit to this purpose.

E. Any deposit, surety bond or letter of credit shall be maintained unimpaired as long as the home protection company continues to do business in this state. Whenever the home protection company ceases to do business in this state and furnishes the commissioner proof that it has discharged or otherwise adequately provided for all its obligations to its home protection service contract holders in this state, the commissioner shall authorize release of the deposited securities, surety bond or letter of credit on file at that time.

R590-166-5. Annual Statements, Interim Reports.

A. A home protection company electing to be subject to this rule shall annually, within 90 days after the close of its fiscal year, file with the commissioner its annual statement in a form prescribed by the commissioner. Such annual statement shall include a current financial statement prepared in accordance with generally accepted accounting principles, reviewed by an independent certified public accountant, and verified by the home protection company's president and principal financial or accounting officer.

B. Each annual statement shall also report the home protection company's volume of business in this state during the preceding fiscal year, the losses thereon, open depositories at year end, and a statement of assets and liabilities.

C. A home protection company which fails to file its annual statement in the form and within the time provided in this rule may be fined $500 for each month, or any part thereof, during which such delinquency continues, and upon notice by the commissioner, its election to be subject to this rule may be suspended or revoked until such delinquency is cured to the satisfaction of the commissioner.

D. In addition to an annual statement, the commissioner may require of any particular home protection company, in any situation where that home protection company's ability to service its obligations to holders or creditors is in reasonable doubt, such additional regular or special reports as the commissioner may deem necessary.

R590-166-6. Severability.

If a provision of this rule or the application thereof to any person or circumstance is for any reason held to be invalid, the remainder of the rule and the application of such provisions is not effected.

KEY: insurance
January 24, 2006 **31A-2-201**
Notice of Continuation April 15, 2009 **31A-6a-110**

R590. Insurance, Administration.
R590-190. Unfair Property, Liability and Title Claims Settlement Practices Rule.
R590-190-1. Authority.

This rule is promulgated pursuant to Subsections 31A-2-201(1) and 31A-2-201(3)(a) in which the commissioner is empowered to administer and enforce this title and to make rules to implement the provisions of this title. Further authority to provide for timely payment of claims is provided by Subsection 31A-26-301(1). Matters relating to proof and notice of loss are promulgated pursuant to Section 31A-26-301 and Subsection 31A-21-312(5). Authority to promulgate rules defining unfair claims settlement practices or acts is provided in Subsection 31A-26-303(4). The authority to require a timely response to the Insurance Department is provided in Section 31A-2-202(4).

R590-190-2. Purpose.

This rule sets forth minimum standards for the investigation and disposition of property, liability, and title claims arising under contracts or certificates issued to residents of the State of Utah. It is not intended to cover bail bonds. These standards include fair and rapid settlement of claims, protection for claimants under insurance policies from unfair claims adjustment practices and promotion of professional competence of those engaged in claim adjusting. This rule defines procedures and practices which constitute unfair claim practices. This rule is regulatory in nature and is not intended to create any private right of action.

R590-190-3. Definitions.

For the purpose of this rule the commissioner adopts the definitions as set forth in 31A-1-301, and the following:

(1) "Claim file" means any record either in its original form or as recorded by any process which can accurately and reliably reproduce the original material regarding the claim, its investigation, adjustment and settlement.

(2) "Claimant" means either a first party claimant, a third party claimant, or both and includes such claimant's designated legal representative and includes a member of the claimant's immediate family designated by the claimant.

(3) "Claim representative" means any individual, corporation; association, organization, partnership, or other legal entity authorized to represent an insurer with respect to a claim, whether or not licensed within the State of Utah to do so.

(4) "Days" means calendar days.

(5) "Documentation" includes, but is not limited to, any pertinent communications, transactions, notes, work papers, claim forms, bills, and explanation of benefits forms relative to the claim.

(6) "First party claimant" means an individual, corporation, association, partnership or other legal entity asserting a right to a benefit or a payment under an insurance policy or insurance contract arising out of the occurrence of the contingency or loss covered by such policy or contract and includes such claimant's designated legal representative and includes a member of the claimant's immediate family designated by the claimant.

(7) "General business practice" means a pattern of conduct.

(8) "Investigation" means all activities of an insurer directly or indirectly related to the determination of liabilities under coverages afforded by an insurance policy or insurance contract.

(9) "Notice of claim or loss" means any notification, whether in writing or other means acceptable under the terms of an insurance policy or insurance contract, to an insurer or its agent, by a claimant, which reasonably apprizes the insurer of the facts pertinent to a claim.

(10) "Proof of loss" shall mean reasonable documentation by the insured in accordance with policy provisions and insurer practices as to the facts of the loss and the amount of the claim.

(11) "Specific disclosure" shall mean notice to the insured by means of policy provisions in boldface type or a separate written notice mailed or delivered to the insured.

(12) "Third party claimant" means any person asserting a claim against any person under a policy or certificate of an insurer.

R590-190-4. File and Record Documentation.

Each insurer's claim files for policies or certificates are subject to examination by the commissioner of insurance or by the commissioner's duly appointed designees. To aid in such examination:

(1) the insurer shall maintain claim data that is accessible and retrievable for examination; and

(2) detailed documentation shall be contained in each claim file to permit reconstruction of the insurer's activities relative to the claim.

R590-190-5. Misrepresentation of Policy Provisions.

(1) The insurer and its representatives shall fully disclose to first party claimants all pertinent benefits, coverages or other provisions of an insurance policy or insurance contract under which a claim is presented, including loss of use and household services.

(2) The insurer is prohibited from denying a claim based upon a first party claimant's failure to exhibit the property unless there is documentation of a breach of the policy provision in the claim file.

R590-190-6. Failure to Acknowledge Pertinent Communications.

Within 15-days every insurer shall:

(1) upon receiving notification of a claim, acknowledge the receipt of such notice unless payment is made within such period of time, or unless the insurer has a reason acceptable to the Insurance Department as to why such acknowledgment cannot be made within the time specified. Notice given to an agent of an insurer is notice to the insurer;

(2) provide a substantive response to a claimant whenever a response has been requested; and

(3) upon receiving notification of a claim, provide all necessary claim forms, instructions, and reasonable assistance so that first party claimants can comply with the policy conditions and the insurer's reasonable requirements.

R590-190-7. Notice of Claim or Loss.

(1) Notice of Claim or Loss to an insurer, if required, shall be considered timely if made according to the terms of the policy, subject to the definitions and provisions of this rule, and the provisions of Section 31A-21-312.

(2) Notice of Claim or Loss may be given by an insured to any appointed agent, authorized adjuster, or other authorized claim representative of an insurer unless the insurer clearly directs otherwise by means of Specific Disclosure as defined herein.

(3) The general practice of the insurer when accepting a notice of loss or notice of claim shall be consistent for all policyholders in accordance with the terms of the policy.

R590-190-8. Proof of Loss.

Proof of loss to an insurer, if required, shall be considered timely if made according to the terms of the policy, subject to the definitions and provisions of this rule and the requirements of Section 31A-21-312.

R590-190-9. Unfair Methods, Deceptive Acts and Practices Defined.

The commissioner, pursuant to Section 31A-26-303(4),

hereby finds the following acts, or the failure to perform required acts, to be misleading, deceptive, unfairly discriminatory or overreaching in the settlement of claims:

(1) denying or threatening the denial of the payment of claims or rescinding, canceling or threatening the recission or cancellation of coverage under a policy for any reason which is not clearly described in the policy as a reason for such denial, cancellation or rescission;

(2) failing to provide the insured or beneficiary with a written explanation of the evidence of any investigation or file materials giving rise to the denial of a claim based on misrepresentation or fraud on an insurance application, when such misrepresentation is the basis for the denial;

(3) compensation by an insurer of its employees, agents or contractors of any amounts which are based on savings to the insurer as a result of denying the payment of claims;

(4) failing to deliver a copy of the insurer's guidelines, which could include the department's statutes, rules and bulletins, for prompt investigation of claims to the Insurance Department when requested to do so;

(5) refusing to pay claims without conducting a reasonable investigation;

(6) offering first party claimants substantially less than the reasonable value of the claim. Such value may be established by one or more independent sources;

(7) making claim payments to insureds or beneficiaries not accompanied by a statement or explanation of benefits setting forth the coverage under which the payments are being made and how the payment amount was calculated;

(8) failing to pay claims within 30-days of properly executed proof of loss when liability is reasonably clear under one coverage in order to influence settlements under other portions of the insurance policy coverage or under other policies of insurance;

(9) refusing payment of a claim solely on the basis of an insured's request to do so unless:

(a) the insured claims sovereign, eleemosynary, diplomatic, military service, or other immunity from suit or liability with respect to such claim; or

(b) the insured is granted the right under the policy of insurance to consent to settlement of claims.

(10) advising a claimant not to obtain the services of an attorney or suggesting the claimant will receive less money if an attorney is used to pursue or advise on the merits of a claim;

(11) misleading a claimant as to the applicable statute of limitations;

(12) requiring an insured to sign a release that extends beyond the occurrence or cause of action that gave rise to the claims payment;

(13) deducting from a loss or claim payment made under one policy those premiums owed by the insured on another policy, unless the insured consents;

(14) failing to settle a first party claim on the basis that responsibility for payment of the claim should be assumed by others, except as may otherwise be provided by policy provisions;

(15) issuing checks or drafts in partial settlement of a loss or a claim under a specified coverage when such check or draft contains language which purports to release the insurer or its insured from total liability;

(16) refusing to provide a written basis for the denial of a claim upon demand of the insured;

(17) denying a claim for medical treatment after preauthorization has been given, except in cases where the insurer obtains and provides to the claimant documentation of the pre-existence of the condition for which the preauthorization has been given or if the claimant is not eligible for coverage;

(18) refusing to pay reasonably incurred expenses to an insured when such expenses resulted from a delay, as prohibited by these rules, in claims settlement or claims payment;

(19) when an automobile insurer represents both a tort feasor and a claimant:

(a) failing to advise a claimant under any coverage that the same insurance company represents both the tort feasor and the claimant as soon as such information becomes known to the insurer; and

(b) allocating medical payments to the tort feasor's liability coverage before exhausting a claimant's personal injury protection coverage.

(20) failing to pay interest at the legal rate, as provided in Title 15, Utah Code, upon amounts that are overdue under these rules. This does not apply to insurers who fail to pay Personal Injury Protection expenses when due. These expenses shall bear interest as provided in 31A-22-309(5)(c).

R590-190-10. Minimum Standards for Prompt, Fair and Equitable Settlements.

(1) The insurer shall provide to the claimant a statement of the time and manner in which any claim must be made and the type of proof of loss required by the insurer.

(2) Within 30-days after receipt by the insurer of a properly executed proof of loss, the insurer shall complete its investigation of the claim and the first party claimant shall be advised of the acceptance or denial of the claim by the insurer unless the investigation cannot be reasonably completed within that time. If the insurer needs more time to determine whether a first party claim should be accepted or denied, it shall so notify the first party claimant within 30-days after receipt of the proofs of loss, giving the reasons more time is needed. If the investigation remains incomplete, the insurer shall, within 45-days after sending the initial notification and within every 45-days thereafter, send to the first party claimant a letter setting forth the reasons additional time is needed for the investigation, unless the first party claimant is represented by legal counsel or public adjuster. Any basis for the denial of a claim shall be noted in the insurers claim file and must be communicated promptly and in writing to the first party claimant. Insurers are prohibited from denying a claim on the grounds of a specific provision, condition, or exclusion unless reference to such provision, condition or exclusion is included in the denial.

(3) Unless otherwise provided by law, an insurer shall promptly pay every valid insurance claim. A claim shall be overdue if not paid within 30-days after the insurer is furnished written proof of the fact of a covered loss and of the amount of the loss. Payment shall mean actual delivery or mailing of the amount owed. If such written proof is not furnished to the insurer as to the entire claim, any partial amount supported by written proof or investigation is overdue if not paid within 30-days. Payments are not deemed overdue when the insurer has reasonable evidence to establish that the insurer is not responsible for the payment, notwithstanding that written proof has been furnished to the insurer.

(4) If negotiations are continuing for settlement of a claim with a claimant, who is not represented by legal counsel or public adjuster, notice of expiration of the statute of limitation or contract time limit shall be given to the claimant at least 60 days before the date on which such time limit may expire.

(5) Insurers are prohibited from making statements which indicate that the rights of a third party claimant may be impaired if a form or release is not completed within a given period of time unless the statement is given for the purpose of notifying the third party claimant of the provision of a statute of limitations.

(6) Upon receipt of an inquiry from the insurance department regarding a claim, every licensee shall furnish a substantive response to the insurance department within the time period specified in the inquiry.

R590-190-11. Standards for Prompt, Fair and Equitable Settlements Applicable to Automobile Insurance.

(1) When the insurance policy provides for the adjustments and settlement of automobile total losses for first party claimants on the basis of actual cash value or replacement with another of like kind and quality, one of the following methods must apply:

(a) the insurer may elect to offer a replacement automobile which is a specific comparable automobile available to the insured, with all applicable taxes, license fees and other fees incident to transfer of evidence of ownership of the automobile paid, at no cost other than any deductible provided in the policy. The offer and any rejection thereof must be documented in the claim file;

(b) the insurer may elect a cash settlement based upon the actual cost, less any deductible provided in the policy, to purchase a comparable automobile including all applicable taxes, license fees and other fees incident to transfer of evidence of ownership of a comparable automobile. Such cost may be determined by using:

(i) the cost of two or more comparable automobiles in the local market area when a comparable automobile is available or was available within the last 90-days to consumers in the local market area;

(ii) the cost of two or more comparable automobiles in areas proximate to the local market area, including the closest major metropolitan areas within or without the state, that are available or were available within the last 90-days to consumers when comparable automobiles are not available in the local market area pursuant to Subsection R590-190-11.(1)(b)(i);

(iii) one of two or more quotations obtained by the insurer from two or more qualified dealers located within the local market area when a comparable automobile is not available in the local market area; or

(iv) any source of determining statistically valid fair market values that meet all of the following criteria:

(A) the source shall give primary consideration to the values of vehicles in the local market area and may consider data on vehicles outside the area;

(B) the source's database shall produce values for at least 85% of the makes and models for the last 15 model years, taking into account the values of all major options for such vehicles; and

(C) the source shall produce fair market values based on current data available from the area surrounding the location where the insured vehicle was principally garaged or a necessary expansion of parameters, such as time and area, to assure statistical validity.

(v) if the insurer is notified within 30-days of the receipt of the claim draft that the first party claimant cannot purchase a comparable vehicle for such market value, the company shall reopen its claim file and the following procedure(s) shall apply:

(A) the company may locate a comparable vehicle by the same manufacturer, same year, similar body style and similar options and price range for the insured for the market value determined by the company at the time of settlement. Any such vehicle must be available through licensed dealers or private sellers;

(B) the company shall either pay the difference between market value before applicable deductions and the cost of the comparable vehicle of like kind and quality which the insured has located, or negotiate and effect the purchase of this vehicle for the insured;

(C) the company may elect to offer a replacement in accordance with the provisions set forth in Subsection R590-190-11.(1)(a); or

(D) the company may conclude the loss settlement as provided for under the appraisal section of the insurance contract in force at the time of the loss. The company is not required to take action under this subsection if its documentation to the first party claimant, at the time of settlement, included written notification of the availability and location of a specified and comparable vehicle of the same manufacturer, same year, similar body style and similar options in as good or better condition as the total loss vehicle which could be purchased for the market value determined by the company before applicable deductions.

(c) when a first party claimant automobile total loss is settled on a basis which deviates from the methods described in Subsections R590-190-11.(1)(a) and (b), the deviation must be supported by documentation giving particulars of the automobile condition. Any deductions from such cost, including deductions for salvage, must be measurable, itemized and specified as to dollar amount and shall be appropriate in amount. The basis for such settlement shall be fully explained to the first party claimant.

(2) Total loss settlements with a third party claimant shall be on the basis of the market value or actual cost of a comparable automobile at the time of loss. Settlement procedures shall be in accordance with Subsection R590-190-11.(1)(b) and (c), except (b)(v) shall not apply.

(3) Where liability and damages are reasonably clear, insurers are prohibited from recommending that third party claimants make a claim under their own policies solely to avoid paying claims under such insurer's insurance policy or insurance contract.

(4) Insurers are prohibited from requiring a claimant to travel an unreasonable distance to inspect a replacement automobile, to obtain a repair estimate or to have the automobile repaired at a specific repair shop.

(5) Insurers shall include the first party claimant's deductible, if any, in subrogation demands initiated by the insurer. Subrogation recoveries may be shared on a proportionate basis with the first party claimant when an agreement is reached for less than the full amount of the loss, unless the deductible amount has been otherwise recovered. The recovery shall be applied first to reimburse the first party claimant for the amount or share of the deductible when the full amount or share of the deductible has been recovered. No deduction for expenses can be made from the deductible recovery unless an outside attorney is retained to collect such recovery. The deduction may then be for only a pro rata share of the allocated loss adjustment expense. If subrogation is initiated but discontinued, the insured shall be advised.

(6) If an insurer prepares or approves an estimate of the cost of automobile repairs, such estimate shall be in an amount for which it may be reasonably expected the damage can be satisfactorily repaired. If the insurer prepares an estimate, it shall give a copy of the estimate to the claimant and may furnish to the claimant the names of one or more conveniently located repair shops.

(7) When the amount claimed is reduced because of betterment or depreciation, all information for such reduction shall be contained in the claim file. Such deductions shall be itemized and specified as to dollar amount and shall be appropriate for the amount of deductions. The insurer shall provide a written explanation of these deductions to the claimant upon request.

(8) When the insurer elects to repair and designates a specific repair shop for automobile repairs, the insurer shall cause the damaged automobile to be restored to its condition prior to the loss at no additional cost to the claimant other than as stated in the policy and within a reasonable period of time.

(9) Where coverage exists, loss of use payment shall be made to a claimant for the reasonably incurred cost of transportation, or for the reasonably incurred rental cost of a substitute vehicle, including collision damage waiver, unless the claimant has physical damage coverage available, during the

period the automobile is necessarily withdrawn from service to obtain parts or effect repair, or, in the event the automobile is a total loss and the claim has been timely made, during the period from the date of loss until a reasonable settlement offer has been made by the insurer. The insurer is prohibited from refusing to pay for loss of use for the period that the insurer is examining the claim or making other determinations as to the payability of the loss, unless such delay reveals that the insurer is not liable to pay the claim. Loss of use payments shall be an amount in addition to the payment for the value of the automobile.

(10) Subject to Subsections R590-190-11.(1) and (2), an insurer shall fairly, equitably and in good faith attempt to compensate a claimant for all losses incurred under collision or comprehensive coverages. Such compensation shall be based at least, but not exclusively, upon the following standards:

(a) an offer of settlement may not be made exclusively on the basis of useful life of the part or vehicle damaged;

(b) an estimate of the amount of compensation for the claimant shall include the actual wear and tear, or lack thereof, of the damaged part or vehicle;

(c) actual cash value, which shall take into account the cost of replacement of the vehicle and/or the part for which compensation is claimed;

(d) an actual estimate of the true useful life remaining in the part or vehicle shall be taken into account in establishing the amount of compensation of a claim; and

(e) actual cash value, which shall include taxes and other fees which shall be incurred by a claimant in replacing the part or vehicle or in compensating the claimant for the loss incurred.

(11) Insurers are prohibited from demanding reimbursement of personal injury protection payments from a first-party insured of payments received by that party from a settlement or judgement against a third party, except as provided by law.

(12) The insurer shall provide reasonable written notice to a claimant prior to termination of payment for automobile storage charges and documentation of the denial as required by Section R590-190-4. Such insurer shall provide reasonable time for the claimant to remove the vehicle from storage prior to the termination of payment.

R590-190-12. Unfair Claims Settlement Practices Applicable to Automobile Insurance.

The commissioner, pursuant to Section 31A-26-303(4), hereby finds the following acts, or the failure to perform required acts, to be misleading, deceptive, unfairly discriminatory or overreaching in the settlement of claims:

(1) using as a basis for cash settlement with a claimant an amount which is less than the amount which the insurer would be charged if repairs were made, unless such amount is agreed to by the claimant or provided for by the insurance policy;

(2) refusing to settle a claim based solely upon the issuance of, or failure to, issue a traffic citation by a police agency;

(3) failing to disclose all coverages for which an application for benefits is required by the insurer;

(4) failing in good faith to disclose all coverages, including loss of use, household services, and any other coverages available to the claimant;

(5) requiring a claimant to use only the insurer's claim service in order to perfect a claim;

(6) failing to furnish the claimant, when requested, with the name and address of the salvage dealer who has provided a salvage quote for the amount deducted by the insurer in a total loss settlement;

(7) refusing to disclose policy limits when requested to do so by a claimant or claimant's attorney;

(8) using a release on the back of a check or draft which requires a claimant to release the company from obligation on further claims in order to process a current claim when the company knows or reasonably should know that there will be future liability on the part of the insurer;

(9) refusing to use a separate release of a claim document rather than one on the back of a check or draft when requested to do so by a claimant;

(10) intentionally offering less money to a first party claimant than the claim is reasonably worth, a practice referred to as "low-balling;"

(11) refusing to offer to pay claims based upon the Doctrine of Comparative Negligence without a reasonable basis for doing so; and

(12) imputing the negligence of a permissive user of a vehicle to the owner of the vehicle in a bailment situation.

R590-190-13. Standards for Prompt, Fair and Equitable Settlements Applicable to Fire and Extended Coverage Type Policies with Replacement Cost Coverage.

(1) Replacement Cost Value:

When the policy provides for the adjustment and settlement of first party losses based on replacement cost, the following shall apply:

(a) when a loss requires repair or replacement of an item or part, any consequential physical damage incurred in making such repair or replacements not otherwise excluded by the policy, shall be included in the loss. The insured is only responsible for the applicable deductible; and

(b) when a loss requires replacement or repair of items and the repaired or replaced items do not match in color, texture, or size, the insurer shall repair or replace items so as to conform to a reasonably uniform appearance. This applies to interior and exterior losses. The insured is only responsible for the applicable deductible.

(2) Actual Cash Value:

(a) When the insurance policy provides for the adjustment and settlement of losses on an actual cash value basis on residential fire and extended coverage, the insurer shall determine actual cash value as the replacement cost of property at the time of the loss less depreciation, if any. Upon the insured's request, the insurer shall provide a copy of relevant documentation from the claim file detailing any and all deductions for depreciation.

(b) In cases in which the insured's interest is limited because the property has nominal or no economic value, or a value disproportionate to replacement cost less depreciation, the determination of actual cash value, as set forth above, is not required. In such cases, the insurer shall provide, upon the insured's request, a written explanation of the basis for limiting the amount of recovery along with the amount payable under the policy.

R590-190-14. Severability.

If any provision or clause of this rule or its application to any person or situation is held invalid, such invalidity may not affect any other provision or application of this rule which can be given effect without the invalid provision or application, and to this end the provisions of this rule are declared to be severable.

KEY: insurance law

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Notice of Continuation April 15, 2009	**31A-26-301**
	31A-26-303
	31A-21-312
	31A-2-308

R590. Insurance, Administration.
R590-191. Unfair Life Insurance Claims Settlement Practices Rule.
R590-191-1. Authority.

This rule is promulgated pursuant to Subsections 31A-2-201(1) and 31A-2-201(3)(a) in which the commissioner is empowered to administer and enforce this title and to make rules to implement the provisions of this title. Further authority to provide for timely payment of claims is provided by Subsection 31A-26-301(1). Matters relating to proof and notice of loss are promulgated pursuant to Section 31A-26-301 and Subsection 31A-21-312(5). Authority to promulgate rules defining unfair claims settlement practices or acts is provided in Subsection 31A-26-303(4). The authority to require a timely response to the Insurance Department is provided by Section 31A-2-202(4). Authority to require payment of interest on death proceeds is provided in Section 31A-22-428.

R590-191-2. Purpose.

This rule sets forth minimum standards for the investigation and disposition of life insurance claims arising under policies or certificates issued to residents of the State of Utah. These standards include fair and rapid settlement of claims, protecting claimants under insurance policies from unfair claims settlement practices and promoting the professional competence of those engaged in processing claims. The various provisions of this rule are intended to define procedures and practices which constitute unfair claim settlement practices. This rule is regulatory in nature and is not intended to create a private right of action.

R590-191-3. Definitions.

For the purpose of this rule the Commissioner adopts the definitions as set forth in Section 31A-1-301, and the following:

(1) "Beneficiary" means the party entitled to receive the proceeds or benefits occurring under the policy.

(2) "Claim File" means any record either in its original form or as recorded by any process which can accurately and reliably reproduce the original material regarding the claim, its investigation, adjustment and settlement.

(3) "Claim Representative" means any individual, corporation, association, organization, partnership, or other legal entity authorized to represent an insurer with respect to a claim.

(4) "Claimant" means a person making a claim under a policy, including an insured, policyholder, beneficiary, or the claimant's legal representative, including a member of the claimant's immediate family.

(5) "Days" means calendar days.

(6) "Documentation" includes, but is not limited to, all written and electronic communication records, transactions, notes, work papers, claim forms, and explanation of benefits forms relative to the claim.

(7) "Investigation" means all activities of an insurer related to the determination of liabilities under coverages afforded by an insurance policy or insurance contract.

(8) "Notice of Loss" means any notification, whether in writing or other means acceptable under the terms of an insurance policy to an insurer or its representative, by a claimant, which reasonably apprises the insurer of the facts pertinent to a claim.

(9) "Proof of Loss" means written proofs, such as claim forms, medical authorizations or other reasonable evidence of the claim that is ordinarily required of all claimants submitting claims.

R590-191-4. Minimum Standards for Prompt, Fair and Equitable Claim Handling Processes and Communications.

(1) Notice of loss to an insurer, if required, shall be considered timely if made according to the terms of the policy, subject to the definitions and provisions of this rule, and the provisions of Section 31A-21-312.

(2) Notice of loss may be given to the insurer or its representative unless the insurer clearly directs otherwise in accordance with policy provisions or in a separate written notice mailed or delivered to the claimant.

(3) Subject to policy provisions, a requirement of any notice of loss may be waived by an authorized representative of the insurer.

(4) Insurance policies may not require notice of loss to be given in a manner which is inconsistent with the actual practice of the insurer. For example, if the practice of the insurer is to accept notice of loss by telephone, the policy shall reflect that practice, and not require that the claimant furnish "immediate written notice" of loss.

(5) Within 15 days of receipt of notice of loss from a claimant, the insurer shall provide necessary claim forms, instructions, and reasonable assistance so the claimant can properly comply with company requirements for filing a claim.

(6) Proof of loss to an insurer, if required, shall be considered timely if made according to the terms of the policy, subject to the definitions and provisions of this rule, and the provisions of Section 31A-21-312. Proof of loss requirements may not be unreasonable and should consider all of the circumstances surrounding a given claim.

(7) Within 15 days of receipt of proof of loss from a claimant, the insurer shall:

(a) provide written acknowledgment of the receipt of the proof of loss;

(b) request any necessary additional information from claimant; and

(c) commence any necessary investigation of the claim, including requesting additional information from other parties having documentation or information relating to the claim; or

(d) provide the claim settlement and a written explanation of benefits to the claimant if no additional information or investigation is necessary.

(8) Within 15 days of receipt of any communications relating to a claim which reasonably suggests that a response is expected, the insurer shall substantively respond to such communication.

(9) Within 30 days of receipt of proof of loss from the claimant, the insurer shall complete the investigation of a claim, unless such investigation cannot reasonably be completed within such time. It shall be the burden of the insurer to establish, by adequate records, that the investigation could not be completed within 30 days of its receipt of proof of loss. If the investigation cannot be completed within 30 days, the insurer shall communicate to the claimant a written explanation as to the reasons for the delay and shall continue to so communicate at least every 30 days until the claim is either settled or denied.

(10) Within 15 days of completion of the investigation, the insurer shall either:

(a) provide the claim settlement and a written explanation of benefits to the claimant; or

(b) provide, in writing, a denial of the claim and an explanation to the claimant as to the reasons for the denial.

(11) Closing a claim file without settlement is considered a denial and must be so communicated in writing to the claimant and according to the provisions of the policy.

(12) If recalculation/revisitation of a claim becomes necessary subsequent to either denial or settlement, the insurer shall again comply with the initial claim handling process requirements as described in this section.

(13) Upon receipt of an inquiry from the Insurance Department regarding a claim, every licensee shall furnish a substantive response to the Insurance Department within the time period specified in the inquiry.

R590-191-5. Unfair Claims Settlement Practices.

The commissioner, pursuant to 31A-26-303(4), hereby finds the following acts or failure to perform required acts to be misleading, deceptive, unfairly discriminatory, or overreaching in the settlement of claims:

(1) concealing from or failing to fully disclose to a claimant any benefits, limitations, exclusions, coverages, or other relevant provisions of an insurance policy or insurance contract under which a claim is presented;

(2) denying or threatening the denial of a claim for any reason which is not clearly described in the policy;

(3) refusing to settle claims without conducting a reasonable and complete investigation;

(4) refusing to provide a written basis for the denial of a claim upon demand of the claimant;

(5) failing to provide the claimant with a written explanation of the evidence of any investigation or file materials giving rise to the denial of a claim based on misrepresentation or fraud on an insurance application, when such misrepresentation is the basis for the denial;

(6) compensating employees, agents or contractors of any amounts which are based on savings to the insurer as a result of reducing or denying claims;

(7) making a claim settlement to the claimant not accompanied by a statement or explanation of benefits setting forth the coverage under which the settlement is being made and how the settlement amount was calculated;

(8) failing to settle a claim following receipt of proof of loss when liability is reasonably clear in order to influence other claim settlements under other portions of the insurance policy coverage or under other policies of insurance;

(9) advising a claimant not to obtain the services of an attorney or other advocate or suggesting the claimant will receive less money if an attorney is used to pursue or advise on the merits of a claim;

(10) misleading a claimant as to the applicable statute of limitations;

(11) issuing a check or draft in partial settlement of a loss or a claim under a specified coverage when such check or draft contains language which purports to release the insurer from total liability;

(12)(a) for policies issued prior to May 5, 2008, failing to pay interest at the legal rate, as provided in Title 15 of the Utah Code upon amounts that are overdue under these rules. A claim shall be considered overdue if not settled within 15 days of completion of the investigation; or

(b) for policies issued on or after May 5, 2008, failing to pay interest in accordance with Section 31A-22-428; and

(13) failing to deliver a copy of the insurer's guidelines for prompt investigation of claims to the Insurance Department when requested to do so.

R590-191-6. File and Record Documentation.

Each insurer's claim files for policies or certificates are subject to examination by the commissioner of insurance or by the commissioner's duly appointed designees. To aid in such examination:

(1) The insurer shall maintain accessible and retrievable claim file data for examination. The insurer shall be able to provide the policy number, certificate number if any, duplicate of the policy as issued, date of loss, date notice of loss was received, date proof of loss was received, date any investigation commenced, date the investigation was completed, date of settlement or denial of the claim or date the claim was closed without settlement, documentation as to how the claim was settled and how any payments were calculated, and any other documentation relied upon for claim settlement by the insurer. This data shall be available for all open and closed files for at least the most recent three year period, or, for a Utah domiciled insurer, since the date of the previous examination by the department, whichever is longer.

(2) Detailed documentation shall be contained in each claim file in order to permit reconstruction of the insurer's activities relative to each claim.

(3) Each document within the claim file shall be noted as to date received, date processed or date mailed.

(4) The claim file records must be maintained either in hard copy files, or some other format that has the capability of duplication to hard copy.

R590-191-7. Penalties.

A person found, after an administrative proceeding, to be in violation of this rule, shall be subject to penalties as provided under Section 31A-2-308.

R590-191-8. Enforcement Date.

The commissioner will begin enforcing the provisions of this rule immediately upon the effective date.

R590-191-9. Severability.

If any provision or clause of this rule or its application to any person or situation is held invalid, such invalidity may not affect any other provision or application of this rule which can be given effect without the invalid provision or application, and to this end the provisions of this rule are declared to be severable.

KEY: insurance law
May 29, 2008
Notice of Continuation April 15, 2009

31A-2-201
31A-2-204
31A-2-308
31A-21-312
31A-22-428
31A-26-301
31A-26-303

R597. Judicial Performance Evaluation Commission, Administration.
R597-1. General Provisions.
R597-1-1. Purpose and Intent.

(1) The commission adopts these rules to describe how it intends to conduct judicial performance evaluations.

(2) The purpose of this rule is to ensure that:

(a) voters have information about the judges standing for retention election;

(b) judges have notice of the standards against which they will be evaluated; and

(c) the commission has the time necessary to fully develop the program mandated by Utah Code Ann. 78A-12-101 et seq.

(3) These rules are subject to modification pending the outcome of the 2009 pilot programs.

R597-1-2. Definitions.

(1) Closed case.

(a) For purposes of administering a survey to a litigant, a case is "closed":

(i) in a trial court, on the date on which the court enters an order from which an appeal of right may be taken;

(ii) in an appellate court, on the date on which the remittitur is issued.

(b) For purposes of administering a survey to a juror, a case is "closed" when the verdict is rendered or the jury is dismissed.

(c) For purposes of administering a survey to a witness, a case is "closed" when the witness is excused.

(2) Evaluation cycle. "Evaluation cycle" means a time period during which a judge is evaluated. Judges not on the supreme court are subject to two evaluations cycles over a six-year judicial term. Justices of the supreme court are subject to three evaluation cycles over a ten-year judicial term.

(3) Raw data. "Raw data" means factual information that has been gathered for evaluative purposes but not analyzed or interpreted.

(4) Summary data. "Summary data" means information that has been processed and condensed into a form that is usable by the general public.

(5) Survey. "Survey" means the aggregate of questionnaires, each targeting a separate classification of survey respondents, which together are used to assess judicial performance.

(6) Surveyor. "Surveyor" means the organization or individual awarded a contract through procedures established by the state procurement code to survey respondents regarding judicial performance.

KEY: performance evaluations, judicial performance evaluations, judiciary, judges
May 1, 2009 78A-12

R597. Judicial Performance Evaluation Commission, Administration.
R597-3. Judicial Performance Evaluations.
R597-3-1. Evaluation Cycles.

(1) For judges not serving on the supreme court:

(a) The mid-term evaluation cycle. The mid-term evaluation cycle begins upon the appointment of the judge or on the first Monday in January following the retention election of the judge and ends 2 1/2 years later, on June 30th of the third year preceding the year of the judge's next retention election.

(b) The retention evaluation cycle. The retention evaluation cycle begins the day after the mid-term evaluation cycle is finished and ends two years later, on June 30th of the year preceding the year of the judge's next retention election.

(2) For justices serving on the supreme court:

(a) The initial evaluation cycle. The initial evaluation cycle begins upon the appointment of the justice or on the first Monday in January following the retention election of the justice and ends 2 1/2 years later, on June 30th of the seventh year preceding the year of the justice's next retention election.

(b) The mid-term evaluation cycle. The mid-term evaluation cycle begins the day after the initial evaluation cycle is finished and ends four years later, on June 30th of the third year preceding the year of the justice's next retention election.

(c) The retention evaluation cycle. The retention evaluation cycle begins the day after the mid-term evaluation cycle is finished and ends two years later, on June 30th of the year preceding the year of the justice's next retention election.

(3) Transition Evaluation Cycles

(a) For judges standing for retention election in 2012:

(i) The mid-term evaluation cycle shall be conducted in 2009, ending on December 31, 2009.

(ii) The retention evaluation cycle for surveys of attorneys and jurors shall begin on January 1, 2010, and end on June 30, 2011, for attorneys and jurors.

(iii) The retention evaluation cycle for all pilot program categories shall begin no later than July 1, 2010, and end on June 30, 2011.

(b) For judges not on the supreme court standing for retention election in 2014:

(i) The mid-term evaluation cycle for surveys of attorneys and jurors shall begin in 2009 and finish on June 30, 2011.

(ii) The mid-term evaluation cycle for all pilot program categories shall begin no later than July 1, 2010, and end on June 30, 2011.

(iii) The retention evaluation cycle will be as described in R597-3-1(1)(b), supra.

(c) For supreme court justices standing for retention election in 2014:

(i) The mid-term evaluation cycle for surveys of attorneys shall begin in 2009 and end on June 30, 2011.

(ii) The mid-term evaluation cycle for relevant pilot programs categories shall begin no later than July 1, 2010, and end on June 30, 2011.

(iii) The retention evaluation cycle shall be as described in R597-3-1(2)(b)-(c).

(d) For supreme court justices standing for retention election in 2016:

(i) The initial evaluation cycle shall be combined with the mid-term evaluation, beginning in 2009 and ending on June 30, 2013.

(ii) The combined initial/mid-term evaluation cycle for surveys of attorneys shall begin in 2009 and end on June 30, 2013.

(iii) The combined initial/mid-term evaluation cycle for relevant pilot programs categories shall begin no later than July 1, 2010.

(iv) The retention evaluation cycle shall be as described in R597-3-1(2)(c).

R597-3-2. Survey.

(1) General provisions.

(a) All surveys shall be conducted according to the evaluation cycles described in R597-3-1, supra.

(b) The commission shall distribute the survey questionnaires upon which the judge shall be evaluated to each judge at the beginning of the survey cycle. Within a single evaluation cycle, all survey questions shall remain the same.

(c) In 2010, the commission shall finalize survey questionnaires and implementation procedures for each respondent classification.

(2) Respondent Classifications

(a) Attorneys

(i) Identification of survey respondents. Within 10 business days of the end of the evaluation cycle, the clerk for the judge or the Administrative Office of the Courts shall identify as potential respondents all attorneys who have appeared before the judge who is being evaluated at a minimum of one hearing or trial during the evaluation cycle.

(ii) Number of survey respondents. For each judge who is the subject of a survey, the surveyor shall identify 180 potential respondents or all attorneys appearing before the judge, whichever is less.

(iii) Sampling. The surveyor shall make a random selection of respondents and shall otherwise design the survey to comply with generally-accepted principles of surveying.

(iv) Distribution of surveys. Surveys shall be distributed by the third-party contractor engaged by the commission to conduct the survey.

(b) Jurors

(i) Identification and number of survey respondents. All jurors rendering a verdict in a case and all jurors with at least three hours of trial time with the judge shall be given a juror questionnaire.

(ii) Distribution of surveys. Prior to the jury being dismissed, the bailiff or clerk in charge of the jury shall distribute questionnaires and comment cards to the jurors. The bailiff or clerk shall mail the completed questionnaires in sealed envelopes to the surveyor. The bailiff or clerk shall deliver comment cards that the jurors have sealed in separate envelopes directly to the judge.

(c) Court Staff

(i) Identification of survey respondents. Court staff who have worked with the judge shall include, where applicable:

(A) court clerks;

(B) bailiffs;

(C) law clerks;

(D) probation and intake officers;

(E) courthouse staff;

(F) Administrative Office of the Courts staff.

(ii) Pilot program. The commission shall run a pilot program in 2009 to evaluate the methodology, content, and administrative feasibility of surveying court staff.

(d) Litigants

(i) Identification of survey respondents. A litigant is a party to a cause of action before a judge who is being evaluated.

(A) The following categories of litigants may be surveyed:

(I) any competent person 14 years of age or older;

(II) the parent, guardian, or legal custodian of any minor;

(III) the designated representative of a corporate or like entity.

(B) The representative of the prosecuting entity in a criminal case shall be surveyed as an attorney. Prosecutor responses to the judicial temperament part of the survey shall be reported in both the attorney and litigant portions of the judicial evaluation report.

(ii) Pilot Program. The commission shall run a pilot program in 2009 to evaluate the methodology, content, and administrative feasibility of surveying litigants.

(e) Witnesses

(i) Identification of survey respondents. A witness is anyone not surveyed as a litigant who testifies in court before a judge who is being evaluated. Any witness who is competent and who is 14 years of age or older is qualified as a witness survey respondent.

(ii) Pilot Program. The commission shall run a pilot program in 2009 to evaluate the methodology, content, and administrative feasibility of surveying witnesses.

KEY: judicial performance evaluations, judges, evaluation cycles, surveys
May 1, 2009 **78A-12**

R614. Labor Commission, Occupational Safety and Health.
R614-1. General Provisions.
R614-1-1. Authority.

A. These rules and all subsequent revisions as approved and promulgated by the Labor Commission, Division of Occupational Safety and Health, are authorized pursuant to Title 34A, Chapter 6, Utah Occupational Safety and Health Act.

B. The intent and purpose of this chapter is stated in Section 34A-6-202 of the Act.

C. In accordance with legislative intent these rules provide for the safety and health of workers and for the administration of this chapter by the Division of Occupational Safety and Health of the Labor Commission.

R614-1-2. Scope.

These rules consist of the administrative procedures of UOSH, incorporating by reference applicable federal standards from 29 CFR 1910 and 29 CFR 1926, and the Utah initiated occupational safety and health standards found in R614-1 through R614-7. Notice has been given and rules filed as required by Subsection 34A-6-104(1)(c) and 34A-6-202(2) of the Utah Occupational Safety and Health Act and by Title 63G, Chapter 3, Utah Administrative Rulemaking Act.

R614-1-3. Definitions.

A. "Access" means the right and opportunity to examine and copy.

B. "Act" means the Utah Occupational Safety and Health Act of 1973.

C. "Administration" means the Division of Occupational Safety and Health of the Labor Commission, also known as UOSH (Utah Occupational Safety and Health).

D. "Administrator" means the director of the Division of Occupational Safety and Health.

E. "Amendment" means such modification or change in a code, standard, rule, or order intended for universal or general application.

F. "Analysis using exposure or medical records" means any compilation of data, or any research, statistical or other study based at least in part on information collected from individual employee exposure or medical records or information collected from health insurance claims records, provided that either the analysis has been reported to the employer or no further work is currently being done by the person responsible for preparing the analysis.

G. "Commission" means the Labor Commission.

H. "Council" means the Utah Occupational Safety and Health Advisory Council.

I. "Days" means calendar days, including Saturdays, Sundays, and holidays. The day of receipt of any notice shall not be included, and the last day of the 30 days shall be included.

J. "Designated representative" means any individual or organization to whom an employee gives written authorization to exercise a right of access. For the purpose of access to employee exposure records and analyses using exposure or medical records, a recognized or certified collective bargaining agent shall be treated automatically as a designated representative without regard to written employee authorization.

K. "Division" means the Division of Occupational Safety and Health, known by the acronyum of UOSH (Utah Occupational Safety and Health).

L. "Employee" includes any person suffered or permitted to work by an employer.

1. For Medical Records: "Employee" means a current employee, a former employee, or an employee being assigned or transferred to work where there will be exposure to toxic substances or harmful physical agents. In the case of deceased or legally incapacitated employee, the employee's legal representative may directly exercise all the employee's rights under this section.

M. "Employee exposure record" means a record containing any of the following kinds of information concerning employee exposure to toxic substances or harmful physical agents:

1. Environmental (workplace) monitoring or measuring, including personal, area, grab, wipe, or other form of sampling, as well as related collection and analytical methodologies, calculations, and other background data relevant to interpretations of the results obtained;

2. Biological monitoring results which directly assess the absorption of a substance or agent by body systems (e.g., the level of a chemical in the blood, urine, breath, hair, fingernails, etc.) but not including results which assess the biological effect of a substance or agent;

3. Material safety data sheets; or

4. In the absence of the above, any other record which reveals the identity (e.g., chemical, common, or trade name) of a toxic substance or harmful physical agent.

N. Employee medical record

1. "Employee medical record" means a record concerning the health status of an employee which is made or maintained by a physician, nurse, or other health care personnel, or technician including:

a. Medical and employment questionnaires or histories (including job description and occupational exposures);

b. The results of medical examinations (pre-employment, pre-assignment, periodic, or episodic) and laboratory tests (including X-ray examinations and all biological monitoring);

c. Medical opinions, diagnoses, progress notes, and recommendations;

d. Descriptions of treatments and prescriptions; and

e. Employee medical complaints.

2. "Employee medical record" does not include the following:

a. Physical specimens (e.g., blood or urine samples) which are routinely discarded as a part of normal medical practice, and not required to be maintained by other legal requirements;

b. Records concerning health insurance claims if maintained separately from the employer's medical program and its records, and not accessible to the employer by employee name or other direct personal identifier (e.g., social security number, payroll number, etc.); or

c. Records concerning voluntary employee assistance programs (alcohol, drug abuse, or personal counseling programs) if maintained separately from the employer's medical program and its records.

O. "Employer" means:

1. The state;

2. Each county, city, town, and school district in the state; and

3. Every person, firm, and private corporation, including public utilities, having one or more workers or operatives regularly employed in the same business, or in or about the same establishment, under any contract of hire.

4. For medical records: "Employer" means a current employer, a former employer, or a successor employer.

P. "Establishment" means a single physical location where business is conducted or where services or industrial operations are performed. (For example: A factory, mill, store, hotel, restaurant, movie theater, farm, ranch, bank, sales office, warehouse, or central administrative office.) Where distinctly separate activities are performed at a single physical location (such as contract construction activities from the same physical location as a lumber yard), each activity shall be treated as a separate physical establishment, and separate notices shall be posted in each establishment to the extent that such notices have been furnished by the Administrator.

1. Establishments whose primary activity constitutes retail trade; finance, insurance, real estate and services are classified in SIC's 52-89.

2. Retail trades are classified as SIC's 52-59 and for the most part include establishments engaged in selling merchandise to the general public for personal or household consumption. Some of the retail trades are: automotive dealers, apparel and accessory stores, furniture and home furnishing stores, and eating and drinking places.

3. Finance, insurance and real estate are classified as SIC's 60-67 and include establishments which are engaged in banking, credit other than banking, security dealings, insurance and real estate.

4. Services are classified as SIC's 70-89 and include establishments which provide a variety of services for individuals, businesses, government agencies, and other organizations. Some of the service industries are: personal and business services, in addition to legal, educational, social, and cultural; and membership organizations.

5. The primary activity of an establishment is determined as follows: For finance, insurance, real estate, and services establishments, the value of receipts or revenue for services rendered by an establishment determines its primary activity. In establishments with diversified activities, the activities determined to account for the largest share of production, sales or revenue will identify the primary activity. In some instances these criteria will not adequately represent the relative economic importance of each of the varied activities. In such cases, employment or payroll should be used in place of normal basis for determining the primary activity.

Q. "Exposure" or "exposed" means that an employee is subjected to a toxic substance or harmful physical agent in the course of employment through any route of entry (inhalation, ingestion, skin contact or absorption, etc.) and includes past exposure and potential (e.g., accidental or possible) exposure, but does not include situations where the employer can demonstrate that the toxic substance or harmful physical agent is not used, handled, stored, generated, or present in the workplace in any manner different from typical non-occupational situations.

R. "Hearing" means a proceeding conducted by the commission.

S. "Imminent danger" means a danger exists which reasonably could be expected to cause an occupational disease, death, or serious physical harm immediately, or before the danger could be eliminated through enforcement procedures under this chapter.

T. "Inspection" means any inspection of an employer's factory, plant, establishment, construction site, or other area, workplace or environment where work is performed by an employee of an employer, and includes any inspection conducted pursuant to a complaint filed under R614-1-6.K.1. and 3., any re-inspection, follow-up inspection, accident investigation or other inspection conducted under Section 34A-6-301 of the Act.

U. "National consensus standard" means any occupational safety and health standard or modification:

1. Adopted by a nationally recognized standards-producing organization under procedures where it can be determined by the administrator and division that persons interested and affected by the standard have reached substantial agreement on its adoption;

2. Formulated in a manner which affords an opportunity for diverse views to be considered; and

3. Designated as such a standard by the Secretary of the United States Department of Labor.

V. "Person" means the general public, one or more individuals, partnerships, associations, corporations, legal representatives, trustees, receivers, and the state and its political subdivisions.

W. "Publish" means publication in accordance with Title 63G, Chapter 3, Utah Administrative Rulemaking Act.

X. "Record" means any item, collection, or grouping of information regardless of the form or process by which it is maintained (e.g., paper document, microfiche, microfilm, X-ray film, or automated data processing.)

Y. "Safety and Health Officer" means a person authorized by the Utah Occupational Safety and Health Administration to conduct inspections.

Z. "Secretary" means the Secretary of the United States Department of Labor.

AA. "Specific written consent" means written authorization containing the following:

1. The name and signature of the employee authorizing the release of medical information;

2. The date of the written authorization;

3. The name of the individual or organization that is authorized to release the medical information;

4. The name of the designated representative (individual or organization) that is authorized to receive the released information;

5. A general description of the medical information that is authorized to be released;

6. A general description of the purpose for the release of medical information; and

7. A date or condition upon which the written authorization will expire (if less than one year).

8. A written authorization does not operate to authorize the release of medical information not in existence on the date of written authorization, unless this is expressly authorized, and does not operate for more than one year from the date of written authorization.

9. A written authorization may be revoked in writing prospectively at any time.

BB. "Standard" means an occupational health and safety standard or group of standards which requires conditions, or the adoption or use of one or more practices, means, methods, operations, or processes, reasonably necessary to provide safety and healthful employment and places of employment.

CC. "Toxic substance" or "harmful physical agent" means any chemical substance, biological agent (bacteria, virus, fungus, etc.) or physical stress (noise, heat, cold, vibration, repetitive motion, ionizing and non-ionizing radiation, hypo and hyperbaric pressure, etc) which:

1. Is regulated by any Federal law or rule due to a hazard to health;

2. Is listed in the latest printed edition of the National Institute for Occupational Safety and Health (NIOSH) Registry of Toxic Effects of Chemical Substances (RTECS) (See R614-103-20B Appendix B);

3. Has yielded positive evidence of an acute or chronic health hazard in human, animal, or other biological testing conducted by, or known to the employer; or

4. Has a material safety data sheet available to the employer indicating that the material may pose a hazard to human health.

DD. "Variance" means a special, limited modification or change in the code or standard applicable to the particular establishment of the employer or person petitioning for the modification or change.

EE. "Workplace" means any place of employment.

R614-1-4. Incorporation of Federal Standards.

A. General Industry Standards.

1. Sections 29 CFR 1910.21 to 1910.999 and 1910.1000 through the end of part 1910 of the July 1, 2008, edition are incorporated by reference.

2. 29 CFR 1908, July 1, 2008, is incorporated by

reference.

3. 29 CFR 1904, July 1, 2008, is incorporated by reference.

4. FR Vol. 73, No. 240, Friday, December 12, 2008, Pages 75568 to and including 75589 "Clarification of Employer Duty to Provide Personal Protective Equipment and Train Each Employee; Final Rule" is incorporated by reference.

B. Construction Standards.

1. Section 29 CFR 1926.20 through the end of part 1926, of the July 1, 2008, edition is incorporated by reference.

2. FR Vol. 73, No. 240, Friday, December 12, 2008, Pages 75568 to and including 75589 "Clarification of Employer Duty to Provide Personal Protective Equipment and Train Each Employee; Final Rule" is incorporated by reference.

R614-1-5. Adoption and Extension of Established Federal Safety Standards and State of Utah General Safety Orders.

A. Scope and Purpose.

1. The provisions of this rule adopt and extend the applicability of: (1) established Federal Safety Standards, (2) R614, and (3) Workers' Compensation Coverage, as in effect July 1, 1973 and subsequent revisions, with respect to every employer, employee and employment within the boundaries of the State of Utah, covered by the Utah Occupational Safety and Health Act of 1973.

2. All standards and rules including emergency and/or temporary, promulgated under the Federal Occupational Safety and Health Act of 1970 shall be accepted as part of the Standards, Rules and Regulations under the Utah Occupational Safety and Health Act of 1973, unless specifically revoked or deleted.

3. All employers will provide workers' compensation benefits as required in Section 34A-2-201.

4. Any person, firm, company, corporation or association employing minors must comply fully with all orders and standards of the Labor Division of the Commission. UOSH standards shall prevail in cases of conflict.

B. Construction Work.

Federal Standards, 29 CFR 1926 and selected applicable sections of R614 are accepted covering every employer and place of employment of every employee engaged in construction work of:

1. New construction and building;

2. Remodeling, alteration and repair;

3. Decorating and painting;

4. Demolition; and

5. Transmission and distribution lines and equipment erection, alteration, conversion or improvement.

C. Reporting Requirements.

1. Each employer shall within 8 hours of occurrence, notify the Division of Utah Occupational Safety and Health of the Commission of any work-related fatalities, of any disabling, serious, or significant injury and of any occupational disease incident. Call (801) 530-6901.

2. Tools, equipment, materials or other evidence that might pertain to the cause of such accident shall not be removed or destroyed until so authorized by the Labor commission or one of its Compliance Officers.

3. Each employer shall investigate or cause to be investigated all work-related injuries and occupational diseases and any sudden or unusual occurrence or change of conditions that pose an unsafe or unhealthful exposure to employees.

4. Each employer shall file a report with the Commission within seven days after the occurrence of an injury or occupational disease, after the employers' first knowledge of the occurrence, or after the employee's notification of the same, on forms prescribed by the Commission, of any work-related fatality or any work-related injury or occupational disease resulting in medical treatment, loss of consciousness or loss of work, restriction of work, or transfer to another job. Each employer shall file a subsequent report with the Commission of any previously reported injury or occupational disease that later resulted in death. The subsequent report shall be filed with the Commission within seven days following the death or the employer's first knowledge or notification of the death. No report is required for minor injuries, such as cuts or scratches that require first-aid treatment only, unless the treating physician files, or is required to file the physician's initial report of work injury or occupational disease with the Commission. Also, no report is required for occupational disease which manifest after the employee is no longer employed by the employer with which the exposure occurred, or where the employer is not aware of an exposure occasioned by the employment which results in an occupational disease as defined by Section 34A-3-103.

5. Each employer shall provide the employee with a copy of the report submitted to the Commission. The employer shall also provide the employee with a statement, as prepared by the Commission, of his rights and responsibilities related to the industrial injury or occupational disease.

6. Each employer shall maintain a record in a manner prescribed by the Commission of all work-related injuries and all occupational disease resulting in medical treatment, loss of consciousness, loss of work, restriction or work, or transfer to another job.

7. No person shall remove, displace, destroy, or carry away any safety devices or safeguards provided for use in any place of employment, or interfere in any way with the use thereof by other persons, or interfere in any method or process adopted for the protection of employees. No employee shall refuse or neglect to follow and obey reasonable orders that are issued for the protection of health, life, safety, and welfare of employees.

D. Employer, Employee Responsibility.

1. It shall be the duty and responsibility of any employee upon entering his or her place of employment, to examine carefully such working place and ascertain if the place is safe, if the tools and equipment can be used with safety, and if the work can be performed safely. After such examination, it shall be the duty of the employee to make the place, tools, or equipment safe. If this cannot be done, then it becomes his or her duty to immediately report the unsafe place, tools, equipment, or conditions to the foreman or supervisor.

2. Employees must comply with all safety rules of their employer and with all the Rules and Regulations promulgated by UOSH which are applicable to their type of employment.

3. Management shall inspect or designate a competent person or persons to inspect frequently for unsafe conditions and practices, defective equipment and materials, and where such conditions are found to take appropriate action to correct such conditions immediately.

4. Supervisory personnel shall enforce safety regulations and issue such rules as may be necessary to safeguard the health and lives of employees. They shall warn all employees of any dangerous condition and permit no one to work in an unsafe place, except for the purpose of making it safe.

E. General Safety Requirements.

1. Where there is a risk of injury from hair entanglement in moving parts of machinery, employees shall confine their hair to eliminate the hazard.

2. Body protection: Clothing which is appropriate for the work being done should be worn. Loose sleeves, tails, ties, lapels, cuffs, or similar garments which can become entangled in moving machinery shall not be worn where an entanglement hazard exists. Clothing saturated or impregnated with flammable liquids, corrosive substances, irritant, oxidizing agents or other toxic materials shall be removed and shall not be worn until properly cleaned.

3. General. Wrist watches, rings, or other jewelry shall not be worn on the job where they constitute a safety hazard.

4. Safety Committees. It is recommended that a safety committee comprised of management and employee representatives be established. The committee or the individual member of the committee shall not assume the responsibility of management to maintain and conduct a safe operation. The duties of the committee should be outlined by management, and may include such items as reviewing the use of safety apparel, recommending action to correct unsafe conditions, etc.

5. No intoxicated person shall be allowed to go into or loiter around any operation where workers are employed.

6. No employee shall carry intoxicating liquor into a place of employment, except that the place of employment shall be engaged in liquor business and this is a part of his assigned duties.

7. Employees who do not understand or speak the English language shall not be assigned to any duty or place where the lack or partial lack of understanding or speaking English might adversely affect their safety or that of other employees.

8. Good housekeeping is the first law of accident prevention and shall be a primary concern of all supervisors and workers. An excessively littered or dirty work area will not be tolerated as it constitutes an unsafe, hazardous condition of employment.

9. Emergency Posting Required.

a. Good communications are necessary if a fire or disaster situation is to be adequately coped with. A system for alerting and directing employees to safety is an essential step in a safety program.

b. A list of telephone numbers or addresses as may be applicable shall be posted in a conspicuous place so the necessary help can be obtained in case of emergency. This list shall include:

(1) Responsible supervision (superintendent or equivalent)
(2) Doctor
(3) Hospital
(4) Ambulance
(5) Fire Department
(6) Sheriff or Police

10. Lockouts and Tagging.

a. Where there is any possibility of machinery being started or electrical circuits being energized while repairs or maintenance work is being done, the electrical circuits shall be locked open and/or tagged and the employee in charge (the one who places the lock) shall keep the key until the job is completed or he is relieved from the job, such as by shift change or other assignment. If it is expected that the job may be assigned to other workers, he may remove his lock provided the supervisor or other workers apply their lock and tag immediately. Where there is danger of machinery being started or of steam or air creating a hazard to workers while repairs on maintenance work is being done, the employee in charge shall disconnect the lines or lock and tag the main valve closed or blank the line on all steam driven machinery, pressurized lines or lines connected to such equipment if they could create a hazard to workers.

b. After tagging and lockout procedures have been applied, machinery, lines, and equipment shall be checked to insure that they cannot be operated.

c. If locks and tags cannot be applied, conspicuous tags made of nonconducting material and plainly lettered, "EMPLOYEES WORKING" followed by the other appropriate wording, such as "Do not close this switch" shall be used.

d. When in doubt as to procedure, the worker shall consult his supervisor concerning safe procedure.

11. Safety-Type hooks shall be used wherever possible.

12. Emergency Showers, Bubblers, and Eye Washers.

a. Readily accessible, well marked, rapid action safety showers and eye wash facilities must be available in areas where strong acid, caustic or highly oxidizing or irritating chemicals are being handled. (This is not applicable where first aid practices specifically preclude flushing with running water.)

b. Showers should have deluge type heads, easily accessible, plainly marked and controlled by quick opening valves of the type that stay open. The valve handle should be equipped with a pull chain, rope, etc., so the blinded employee will be able to more easily locate the valve control. In addition, it is recommended that the floor platform be so constructed to actuate the quick opening valve. The shower should be capable of supplying large quantities of water under moderately high pressure. Blankets should be located so as to be reasonably accessible to the shower area.

c. All safety equipment should be inspected and tested at regular intervals, preferably daily and especially during freezing weather, to make sure it is in good working condition at all times.

13. Grizzlies Over Chutes, Bins and Tank Openings.

a. Employees shall be furnished with and be required to use approved type safety harnesses and shall be tied off securely so as to suspend him above the level of the product before entering any bin, chute or storage place containing material that might cave or run. Cleaning and barring down in such places shall be started from the top using only bars blunt on one end or having a ring type or D handhold.

b. Employees shall not work on top of material stored or piled above chutes, drawholes or conveyor systems while material is being withdrawn unless protected.

c. Chutes, bins, drawholes and similar openings shall be equipped with grizzlies or other safety devices that will prevent employees from falling into the openings.

d. Bars for grizzly grids shall be so fitted that they will not loosen and slip out of place, and the operator shall not remove a bar temporarily to let large rocks through rather than to break them.

F. All requirements of PSM Standard 29 CFR 1910.119 are hereby extended to include the blister agents, HT, HD, H, Lewisite, and the nerve agents, GA, VX.

R614-1-6. Personal Protective Equipment.

A. When no other method or combination of methods can be provided to prevent employees from becoming exposed to toxic dusts, fumes, gases, flying particles or other objects, dangerous rays or burns from heat, acid, caustic, or any other hazard of a similar nature, the employer must provide each worker with the necessary personal protection equipment, such as respirators, goggles, gas masks, certain types of protective clothing, etc. Provision must also be made to keep all such equipment in good, sanitary working condition at all times.

B. Where there is a risk of injury from hair entanglement in moving parts of machinery, employees shall confine their hair to eliminate the hazard.

C. Except when, in the opinion of the Administrator, their use creates a greater hazard, life lines and safety harnesses shall be provided for and used by workers engaged in window washing, in securing or shifting thrustouts, inspecting or working on overhead machines supporting scaffolds or other high rigging, and on steeply pitched roofs. Similarly, they shall be provided for and used by all exposed to the hazard of falling, and by workmen on poles workers or steel frame construction more than ten (10) feet above solid ground or above a temporary or permanent floor or platform.

D. Every life line and safety harness shall be inspected by the superintendent or his authorized representative and the worker before it is used and at least once a week while continued in use.

E. Wristwatches, rings, or other jewelry shall not be worn on the job where they constitute a safety hazard.

R614-1-7. Inspections, Citations, and Proposed Penalties.

A. The Utah Occupational Safety and Health Act (Title 34A, Chapter 6) requires, that every employer covered under the Act furnish to his employees employment and a place of employment which are free from recognized hazards that are likely to cause death or serious physical harm to his employees. The Act also requires that employers comply with occupational safety and health standards promulgated under the Act, and that employees comply with standards, rules, regulations and orders issued under the Act applicable to employees actions and conduct. The Act authorizes the Utah Occupational Safety and Health Division to conduct inspections, and to issue citations and proposed penalties for alleged violations. The Act, under Section 34A-6-301, also authorizes the Administrator to conduct inspections and to question employers and employees in connection with research and other related activities. The Act contains provisions for adjudication of violations, periods prescribed for the abatement of violations, and proposed penalties by the Labor Commission, if contested by an employer or by an employee or authorized representative of employees, and for a judicial review. The purpose of R614-1-7 is to prescribe rules and general policies for enforcement of the inspection, citations, and proposed penalty provisions of the Act. Where R614-1-7 sets forth general enforcement policies rather than substantive or procedural rules, such policies may be modified in specific circumstances where the Administrator or his designee determines that an alternative course of action would better serve the objectives of the Act.

B. Posting of notices; availability of Act, regulations and applicable standards.

1. Each employer shall post and keep posted notices, to be furnished by the Administrator, informing employees of the protections and obligations provided for in the Act, and that for assistance and information, including copies of the Act and of specific safety and health standards, employees should contact their employer or the office of the Administrator. Such notices shall be posted by the employer in each establishment in a conspicuous place where notices to employees are customarily posted. Each employer shall take steps to insure that such notices are not altered, defaced, or covered by other material.

2. Where employers are engaged in activities which are physically dispersed, such as agriculture, construction, transportation communications, and electric, gas and sanitary services, the notices required shall be posted at the location where employees report each day. In the case of employees who do not usually work at, or report to, a single establishment, such as traveling salesman, technicians, engineers, etc., such notices shall be posted in accordance with the requirements of R614-1-7.Q.

3. Copies of the Act, all regulations published under authority of Section 34A-6-202 and all applicable standards will be available at the office of the Administrator. If an employer has obtained copies of these materials, he shall make them available upon request to any employee or his authorized representative.

4. Any employer failing to comply with the provisions of this Part shall be subject to citation and penalty in accordance with the provisions of Sections 34A-6-302 and 34A-6-307 of the Act.

C. Authority for Inspection.

1. Safety and Health Officers of the Division are authorized to enter without delay and at reasonable times any factory, plant, establishment, construction site, or other area, workplace or environment where work is performed by an employee of an employer; to inspect and investigate during regular working hours and at other reasonable times, and within reasonable limits and in a reasonable manner, any such place of employment, and all pertinent conditions, structures, machines, apparatus, devices, equipment and materials therein; to question privately any employer, owner, operator, agent or employee; and to review records required by the Act and regulations published in R614-1-7 and 8, and other records which are directly related to the purpose of the inspection.

2. Prior to inspecting areas containing information which has been classified as restricted by an agency of the United States Government in the interest of national security, Safety and Health Officers shall obtain the appropriate security clearance.

D. Objection to Inspection.

1. Upon a refusal to permit the Safety and Health Officer, in exercise of his official duties, to enter without delay and at reasonable times any place of employment or any place therein, to inspect, to review records, or to question any employer, owner, operator, agent, or employee, in accordance with R614-1-7.B. and C. or to permit a representative of employees to accompany the Safety and Health Officer during the physical inspection of any workplace in accordance with R614-1-7.G. the Safety and Health Officer shall terminate the inspection or confine the inspection to other areas, conditions, structures, machines, apparatus, devices, equipment, materials, records or interview concerning which no objection is raised.

2. The Safety and Health Officer shall endeavor to ascertain the reason for such refusal, and shall immediately report the refusal and the reason therefor to the Administrator. The Administrator shall take appropriate action, including compulsory process, if necessary.

3. Compulsory process shall be sought in advance of an attempted inspection or investigation if, in the judgment of the Administrator circumstances exist which make such preinspection process desirable or necessary. Some examples of circumstances in which it may be desirable or necessary to seek compulsory process in advance of an attempt to inspect or investigate include (but are not limited to):

a. When the employers past practice either implicitly or explicitly puts the Administrator on notice that a warrantless inspection will not be allowed:

b. When an inspection is scheduled far from the local office and procuring a warrant prior to leaving to conduct the inspection would avoid, in case of refusal of entry, the expenditure of significant time and resources to return to the office, obtain a warrant and return to the work-site;

c. When an inspection includes the use of special equipment or when the presence of an expert or experts is needed in order to properly conduct the inspection, and procuring a warrant prior to an attempt to inspect would alleviate the difficulties or costs encountered in coordinating the availability of such equipment or expert.

4. For purposes of this section, the term compulsory process shall mean the institution of any appropriate action, including ex parte application for an inspection warrant or its equivalent. Ex parte inspection warrants shall be the preferred form of compulsory process in all circumstances where compulsory process is relied upon to seek entry to a workplace under this section.

E. Entry not a Waiver.

Any permission to enter, inspect, review records, or question any person, shall not imply a waiver of any cause of action, citation, or penalty under the Act. Safety and Health Officers are not authorized to grant such waivers.

F. Advance notice of Inspections.

1. Advance notice of inspections may not be given, except in the following instances:

a. In cases of apparent imminent danger, to enable the employer to abate the danger as quickly as possible.

b. In circumstances where the inspection can most effectively be conducted after regular business hours or where special preparations are necessary for an inspection.

c. Where necessary to assure the presence of the employer

or representative of the employer and employees or the appropriate personnel needed to aid the inspection; and

d. In other circumstances where the Administrator determines that the giving of advance notice would enhance the probability of an effective and thorough inspection.

2. In the instances described in R614-1-7.F.1., advance notice of inspections may be given only if authorized by the Administrator, except that in cases of imminent danger, advance notice may be given by the Safety and Health Officer without such authorization if the Administrator is not immediately available. Where advance notice is given, it shall be the employer's responsibility to notify the authorized representative of the employees of the inspection, if the identity of such representatives is known to the employer. (See R614-1-7.H.2. as to instances where there is no authorized representative of employees.) Upon the request of the employer, the Safety and Health Officer will inform the authorized representative of employees of the inspection, provided that the employer furnishes the Safety and Health Officer with the identity of such representatives and with such other information as is necessary to enable him promptly to inform such representatives of the inspection. A person who fails to comply with his responsibilities under this paragraph, may be subject to citation and penalty under Sections 34A-6-302 and 34A-6-307 of the Act. Advance notice in any of the instances described in R614-1-7.F. shall not be given more than 24 hours before the inspection is scheduled to be conducted, except in cases of imminent danger and other unusual circumstances.

3. The Act provides in Subsection 34A-6-307(5)(b) conditions for which advanced notice can be given and the penalties for not complying.

G. Conduct of Inspections.

1. Subject to the provisions of R614-1-7.C., inspections shall take place at such times and in such places of employment as the Administrator or the Safety and Health Officer may direct. At the beginning of an inspection, Safety and Health Officers shall present their credentials to the owner, operator, or agent in charge at the establishment; explain the nature and purpose of the inspection; and indicate generally the scope of the inspection and the records specified in R614-1-7.C. which they wish to review. However, such designations of records shall not preclude access to additional records specified in R614-1-7.C.

2. Safety and Health Officers shall have authority to take environmental samples and to take photographs or video recordings related to the purpose of the inspection, employ other reasonable investigative techniques, and question privately any employer, owner, operator, agent or employee of an establishment. (See R614-1-7.I. on trade secrets.) As used herein, the term "employ other reasonable investigative techniques" includes, but is not limited to, the use of devices to measure employee exposures and the attachment of personal sampling equipment such as dosimeters, pumps, badges, and other similar devices to employees in order to monitor their exposures.

3. In taking photographs and samples, Safety and Health Officers shall take reasonable precautions to insure that such actions with flash, spark-producing, or other equipment would not be hazardous. Safety and Health Officers shall comply with all employer safety and health rules and practices at the establishment being inspected, and shall wear and use appropriate protective clothing and equipment.

4. The conduct of inspections shall preclude unreasonable disruption of the operations of the employer's establishment.

5. At the conclusion of an inspection, the Safety and Health Officer shall confer with the employer or his representative and informally advise him of any apparent safety or health violations disclosed by the inspection. During such conference, the employer shall be afforded an opportunity to bring to the attention of the Safety and Health Officer any pertinent information regarding conditions in the workplace.

H. Representative of employers and employees.

1. Safety and Health Officer shall be in charge of inspections and questioning of persons. A representative of the employer and a representative authorized by his employees shall be given an opportunity to accompany the Safety and Health Officer during the physical inspection of any workplace for the purpose of aiding such inspection. A Safety and Health Officer may permit additional employer representative and additional representatives authorized by employees to accompany him where he determines that such additional representatives will further aid the inspection. A different employer and employee representative may accompany the Safety and Health Officer during each phase of an inspection if this will not interfere with the conduct of the inspection.

2. Safety and Health Officers shall have authority to resolve all disputes as to who is the representative authorized by the employer and the employees for purpose of this Part. If there is no authorized representative of employees, or if the Safety and Health Officer is unable to determine with reasonable certainty who is such representative, he shall consult with a reasonable number of employees concerning matters of safety and health in the workplace.

3. The representative(s) authorized by employees shall be an employee(s) of the employer. However, if in the judgment of the Safety and Health Officer, good cause has been shown why accompaniment by a third party who is not an employee of the employer (such as an industrial hygienist or safety engineer) is reasonably necessary to the conduct of an effective and thorough physical inspection of the workplace, such third party may accompany the Safety and Health Officer during the inspection.

4. Safety and Health Officers are authorized to deny the right of accompaniment under this Part to any person whose conduct interferes with a fair and orderly inspection. The right of accompaniment in areas containing trade secrets shall be subject to the provisions of R614-1-7.I.3. With regard to information classified by an agency of the U.S. Government in the interest of national security, only persons authorized to have access to such information may accompany a Safety and Health Officer in areas containing such information.

I. Trade secrets.

1. Section 34A-6-306 of the Act provides provisions for trade secrets.

2. At the commencement of an inspection, the employer may identify areas in the establishment which contain or which might reveal a trade secret. If the Safety and Health Officer has no clear reason to question such identification, information obtained in such areas, including all negatives and prints of photographs, and environmental samples, shall be labeled "confidential-trade secret" and shall not be disclosed except in accordance with the provisions of Section 34A-6-306 of the Act.

3. Upon the request of an employer, any authorized representative of employees under R614-1-7.H. in an area containing trade secrets shall be an employee in that area or an employee authorized by the employer to enter that area. Where there is not such representative or employee, the Safety and Health Officer shall consult with a reasonable number of employees who work in that area concerning matters of safety and health.

J. Consultation with employees.

Safety and Health Officers may consult with employees concerning matters of occupational safety and health to the extent they deem necessary for the conduct of an effective and thorough inspection. During the course of an inspection, any employee shall be afforded an opportunity to bring any violation of the Act which he has reason to believe exists in the workplace to the attention of the Safety and Health Officer.

K. Complaints by employees.

1. Any employee or representative of employees who believe that a violation of the Act exists in any workplace where such employee is employed may request an inspection of such workplace by giving notice of the alleged violation to the Administrator or to a Safety and Health Officer. Any such notice shall be reduced to writing, shall set forth with reasonable particularity the grounds for the notice, and shall be signed by the employee or representative of employees. A copy of the notice shall be provided the employer or his agent by the Administrator or Safety and Health Officer no later than at the time of inspection, except that, upon the request of the person giving such notice, his name and the names of individual employees referred to therein shall not appear in such copy or on any record published, released, or made available by the Administrator.

2. If upon receipt of such notification the Administrator determines that the complaint meets the requirements set forth in R614-1-7.K.1., and that there are reasonable grounds to believe that the alleged violation exists, he shall cause an inspection to be made as soon as practicable. Inspections under this Part shall not be limited to matters referred to in the complaint.

3. Prior to or during any inspection of a workplace, any employee or representative of employees employed in such workplace may notify the Safety and Health Officer, in writing, of any violation of the Act which they have reason to believe exists in such workplace. Any such notice shall comply with requirements of R614-1-7.K.1.

4. Section 34A-6-203 of the Act provides protection for employees while engaged in protected activities.

L. Inspection not warranted; informal review.

1. If the Administrator determines that an inspection is not warranted because there are no reasonable grounds to believe that a violation or danger exists with respect to a complaint under K, he shall notify the complaining party in writing of such determination. The complaining party may obtain review of such determination by submitting a written statement of position with the Administrator. The Administrator, at his discretion, may hold an informal conference in which the complaining party and the employer may orally present their views. After considering all written and oral view presented, the Administrator shall affirm, modify, or reverse the determination of the previous decision and again furnish the complaining party and the employer written notification of his decision and the reasons therefor.

2. If the Administrator determines that an inspection is not warranted because the requirements of R614-1-7.K.1. have not been met, he shall notify the complaining party in writing of such determination. Such determination shall be without prejudice to the filing of a new complaint meeting the requirements of R614-1-7.K.1.

M. Imminent danger.

Whenever a Safety and Health Officer concludes, on the basis of an inspection, that conditions or practices exist in any place of employment which could reasonably be expected to cause death or serious physical harm before the imminence of such danger can be eliminated through the enforcement procedures of the Act, he shall inform the affected employees and employers of the danger, that he is recommending a civil action to restrain such conditions or practices and for other appropriate citations of proposed penalties which may be issued with respect to an imminent danger even though, after being informed of such danger by the Compliance Officer, the employer immediately eliminates the imminence of the danger and initiates steps to abate such danger.

N. Citations.

1. The Administrator shall review the inspection report of the Safety and Health Officer. If, on the basis of the report the Administrator believes that the employer has violated a requirement of Section 34A-6-201 of the Act, of any standard, rule, or order promulgated pursuant to Section 34A-6-202 of the Act, or of any substantive rule published in this chapter, shall issue to the employer a citation. A citation shall be issued even though, after being informed of an alleged violation by the Safety and Health Officer, the employer immediately abates, or initiates steps to abate, such alleged violations. Any citation shall be issued with reasonable promptness after termination of the inspection. No citation may be issued after the expiration of 6 months following the occurrence of any violation.

2. Any citation shall describe with particularity the nature of the alleged violation, including a reference to the provision of the Act, standard, rule, regulations, or order alleged to have been violated. Any citation shall also fix a reasonable time or times for the abatement of the alleged violations.

3. If a citation is issued for an alleged violation in a request for inspection under R614-1-7.K.1. or a notification of violation under R614-1-7.K.3., a copy of the citation shall also be sent to the employee or representative of employees who made such request or notification.

4. Following an inspection, if the Administrator determines that a citation is not warranted with respect to a danger or violation alleged to exist in a request for inspection under R614-1-7.K.1.or a notification of violation under R614-1-7.K.3., the informal review procedures prescribed in R614-1-7.L.1. shall be applicable. After considering all views presented, the Administrator shall either affirm, order a re-inspection, or issue a citation if he believes that the inspection disclosed a violation. The Administrator shall furnish the complaining party and the employer with written notification of his determination and the reasons therefor.

5. Every citation shall state that the issuance of a citation does not constitute a finding that a violation of the Act has occurred unless there is a failure to contest as provided for in the Act or, if contested, unless the citation is affirmed by the Commission.

O. Petitions for modification of abatement date.

1. An employer may file a petition for modification of abatement date when he has made a good faith effort to comply with the abatement requirements of the citation, but such abatement has not been completed because of factors beyond his reasonable control.

2. A petition for modification of abatement date shall be in writing and shall include the following information.

a. All steps taken by the employer, and the dates of such action, in an effort to achieve compliance during the prescribed abatement period.

b. The specific additional abatement time necessary in order to achieve compliance.

c. The reasons such additional time is necessary, including the unavailability, of professional or technical personnel or of materials and equipment, or because necessary construction or alteration of facilities cannot be completed by the original abatement date.

d. All available interim steps being taken to safeguard the employees against the cited hazard during the abatement period.

e. A certification that a copy of the petition has been posted and, if appropriate, served on the authorized representative of affected employees, in accordance with paragraph R614-1-7.O.3.a. and a certification of the date upon which such posting and service was made.

3. A petition for modification of abatement date shall be filed with the Administrator who issued the citation no later than the close of the next working day following the date on which abatement was originally required. A later-filed petition shall be accompanied by the employer's statement of exceptional circumstances explaining the delay.

a. A copy of such petition shall be posted in a conspicuous

place where all affected employees will have notice thereof or near such location where the violation occurred. The petition shall remain posted for a period of ten (10) days. Where affected employees are represented by an authorized representative, said representative shall be served with a copy of such petition.

b. Affected employees or their representatives may file an objection in writing to such petition with the aforesaid Administrator. Failure to file such objection within ten (10) working days of the date of posting of such petition or of service upon an authorized representative shall constitute a waiver of any further right to object to said petition.

c. The Administrator or his duly authorized agent shall have authority to approve any petition for modification of abatement date filed pursuant to paragraphs R614-1-7.O.2. and 3. Such uncontested petitions shall become final orders pursuant to Subsection 34A-6-303(1) of the Act.

d. The Administrator or his authorized representative shall not exercise his approval power until the expiration of ten (10) days from the date of the petition was posted or served pursuant to paragraphs R614-1-7.O.3.a. and b. by the employer.

4. Where any petition is objected to by the affected employees, the petition, citation, and any objections shall be forwarded to the Administrator per R614-1-7.O.3.b. Upon receipt the Administrator shall schedule and notify all interested parties of a formal hearing before the Administrator or his authorized representative(s). Minutes of this hearing shall be taken and become public records of the Commission. Within ten (10) days after conclusion of the hearing, a written opinion by the Administrator will be made, with copies to the affected employees or their representatives, the affected employer and to the Commission.

P. Proposed penalties.

1. After, or concurrent with, the issuance of a citation and within a reasonable time after the termination of the inspection, the Administrator shall notify the employer by certified mail or by personal service by the Safety and Health Officer of the proposed penalty under Section 34A-6-307 of the Act, or that no penalty is being proposed. Any notice of proposed penalty shall state that the proposed penalty shall be deemed to be the final order of the Commission and not subject to review by any court or agency unless, within 30 days from the date of receipt of such notice, the employer notifies the Adjudication Division in writing that he intends to contest the citation or the notification of proposed penalty before the Commission.

2. The Administrator shall determine the amount of any proposed penalty, giving due consideration to the appropriateness of the penalty with respect to the size of the business, of the employer being charged, the gravity of the violation, the good faith of the employer, and the history of previous violations, in accordance with the provisions of Section 34A-6-307 of the Act.

3. Appropriate penalties may be proposed with respect to an alleged violation even though after being informed of such alleged violation by the Safety and Health Officer, the employer immediately abates, or initiates steps to abate, such alleged violation. Penalties shall not be proposed for violations which have no direct or immediate relationship to safety or health.

Q. Posting of citations.

1. Upon receipt of any citation under the Act, the employer shall immediately post such citation, or copy thereof, unedited, at or near each place of alleged violation referred to in the citation occurred, except as hereinafter provided. Where, because of the nature of the employer's operations, it is not practicable to post the citation at or near each place of alleged violation, such citation shall be posted, unedited, in a prominent place where it will be readily observable by all affected employees. For example, where employees are engaged in activities which are physically dispersed (see R614-1-7.B.), the citation may be posted at the location to which employees report each day. Where employees do not primarily work at or report to a single location (see R614-1-7.B.2.), the citation must be posted at the location from which the employees commence their activities. The employer shall take steps to ensure that the citation is not altered, defaced, or covered by other material.

2. Each citation or a copy thereof, shall remain posted until the violation has been abated, or for 3 working days which ever is later. The filing by the employer of a notice of intention to contest under R614-1-7.R. shall not affect his posting responsibility unless and until the Commission issues a final order vacating the citation.

3. An employer, to whom a citation has been issued, may post a notice in the same location where such citation is posted indicating that the citation is being contested before the Commission, such notice may explain the reasons for such contest. The employer may also indicate that specified steps have been taken to abate the violation.

4. Any employer failing to comply with the provisions of R614-1-7.Q.1. and 2. shall be subject to citation and penalty in accordance with the provisions of Section 34A-6-307 of the Act.

R. Employer and employee hearings before the Commission.

1. Any employer to whom a citation or notice of proposed penalty has been issued, may under Section 34A-6-303 of the Act, notify the Adjudication Division in writing that the employer intends to contest such citation or proposed penalty before the Commission. Such notice of intention to contest must be received by the Adjudication Division within 30 days of the receipt by the employer of the notice of proposed penalty. Every notice of intention to contest shall specify whether it is directed to the citation or to the proposed penalty, or both. The Adjudication Division shall handle such notice in accordance with the rules of procedures prescribed by the Commission.

2. An employee or representative of employee of an employer to whom a citation has been issued may, under Section 34A-6-303(3) of the Act, file a written notice with the Adjudication Division alleging that the period of time fixed in the citation for the abatement of the violation is unreasonable. Such notice must be received by the Adjudication Division within 30 days of the receipt by the employer of the notice of proposed penalty or notice that no penalty is being proposed. The Adjudication Division shall handle such notice in accordance with the rules of procedure prescribed by the Commission.

S. Failure to correct a violation for which a citation has been issued.

1. If an inspection discloses that an employer has failed to correct an alleged violation for which a citation has been issued within the period permitted for its correction, the Administrator shall notify the employer by certified mail or by personal service by the Safety and Health Officer of such failure and of the additional penalty proposed under Section 34A-6-307 of the Act by reason of such failure. The period for the correction of a violation for which a citation has been issued shall not begin to run until the entry of a final order of the Commission in the case of any review proceedings initiated by the employer in good faith and not solely for delay or avoidance of penalties.

2. Any employer receiving a notification of failure to correct a violation and of proposed additional penalty may, under Section 34A-6-303(3) of the Act, notify the Adjudication Division in writing that he intends to contest such notification or proposed additional penalty before the Commission. Such notice of intention to contest shall be postmarked within 30 days of receipt by the employer of the notification of failure to correct a violation and of proposed additional penalty. The Adjudication Division shall handle such notice in accordance with the rules of procedures prescribed by the Commission.

3. Each notification of failure to correct a violation and of proposed additional penalty shall state that it shall be deemed to be the final order of the Commission and not subject to review by any court or agency unless, within 30 days from the date of receipt of such notification, the employer notifies the Adjudication Division in writing that he intends to contest the notification or the proposed additional penalty before the Commission.

T. Informal conferences.

At the request of an affected employer, employee, or representative of employees, the Administrator may hold an informal conference for the purpose of discussing any issues raised by an inspection, citation, notice of proposed penalty, or notice of intention to contest. The Administrator shall provide in writing the reasons for any settlement of issues at such conferences. If the conference is requested by the employer, an affected employee or his representative shall be afforded an opportunity to participate, at the discretion of the Administrator. If the conference is requested by an employee or representative of employees, the employer shall be afforded an opportunity to participate, at the discretion of the Administrator. Any party may be represented by counsel at such conference. No such conference or request for such conference shall operate as a stay of any 30 day period for filing a notice of intention to contest as prescribed in R614-1-7.R.

R614-1-8. Recording and Reporting Occupational Injuries and Illnesses.

A. The rules in this section implement Sections 34A-6-108 and 34A-6-301(3) of the Act. These sections provide for record-keeping and reporting by employers covered under the Act, for developing information regarding the causes and prevention of occupational accidents and illnesses, and for maintaining a program of collection, compilation, and analysis of occupational safety and health statistics. Regardless of size or type of operation, accidents and fatalities must be reported to UOSH in accordance with the requirements of R614-1-5.C.

NOTE: Utah has adopted and will enforce the Federal Recordkeeping Standard 29CFR1904.

R614-1-4. Incorporation of Federal Standards.

A. General Industry Standards.

4. FR Vol. 66, No. 13, Friday, January 19, 2001, Pages 5916 to and including 6135. "Occupational Injury and reporting Requirements; Final Rule" is incorporated by reference.

Utah Specific Recordkeeping requirements follow:

B. Supplementary record.

Each employer shall have available for inspection at each establishment within 6 working days after receiving information that a recordable case has occurred, a supplementary record for that establishment. The record shall be completed in the detail prescribed in the instructions accompanying federal OSHA Form No. 301, Utah Industrial Accidents Form 122. Workers' compensation, insurance, or other reports are acceptable alternative records if they contain the information required by the federal OSHA Form No. 301, Utah Industrial Accidents Form 122. If no acceptable alternative record is maintained for other purposes, Federal OSHA Form No. 301, Utah Industrial Accidents Form 122 shall be used or the necessary information shall be otherwise maintained.

C. Retention of records.

Preservation of records.

a. This section applies to each employer who makes, maintains or has access to employee exposure records or employee medical records.

b. "Employee exposure record" means a record of monitoring or measuring which contains qualitative or quantitative information indicative of employee exposures to toxic materials or harmful physical agents. This includes both individual exposure records and general research or statistical studies based on information collected from exposure records.

c. "Employee medical record" means a record which contains information concerning the health status of an employee or employees exposed or potentially exposed to toxic materials or harmful physical agents. These records may include, but are not limited to:

(1) The results of medical examinations and tests;

(2) Any opinions or recommendations of a physician or other health professional concerning the health of an employee or employees; and

(3) Any employee medical complaints relating to workplace exposure. Employee medical records include both individual medical records and general research or statistical studies based on information collected from medical records.

d. Preservation of records. Each employer who makes, maintains, or has access to employee exposure records or employee medical records shall preserve these records.

e. Availability of records. The employer shall make available, upon request to the Administrator, or a designee, and to the Director of the Division of Health, or a designee, all employee exposure records and employee medical records for examination and copying.

D. Access to records.

1. Records provided for in R614-1-8.A.,E., and F. shall be available for inspection and copying by Compliance Officers during any occupational safety and health inspection provided for under R614-1-7 and Section 34A-6-301 of the Act.

2. The log and summary of all recordable occupational injuries and illnesses (OSHA No. 200) (the log) provided for in R614-1-8.A. shall, upon request, be made available by the employer to any employee, former employee, and to their representatives for examination and copying in a reasonable manner and at reasonable times. The employee, former employee, and their representatives shall have access to the log for any establishment in which the employee is or has been employed.

3. Nothing in this section shall be deemed to preclude employees and employee representatives from collectively bargaining to obtain access to information relating to occupational injuries and illnesses in addition to the information made available under this section.

4. Access to the log provided under this section shall pertain to all logs retained under requirements of R614-1-8.G.

E. Reporting of fatality or accidents. (Refer to Utah Occupational Safety and Health Rule, R614-1-5.C.)

F. Falsification or failure to keep records or reports.

1. Section 34A-6-307 of the Act provides penalties for false information and recordkeeping.

2. Failure to maintain records or file reports required by this part, or in the details required by forms and instructions issued under this part, may result in the issuance of citations and assessment of penalties as provided for in Sections 34A-6-302 and 34A-6-307 of the Act.

G. Description of statistical program.

1. Section 34A-6-108 of the Act directs the Administrator to develop and maintain a program of collection, compilation, and analysis of occupational safety and health statistics. The program shall consist of periodic surveys of occupational injuries and illnesses.

2. The sample design encompasses probability procedures, detailed stratification by industry and size, and a systematic selection within Stratification. Stratification and sampling will be carried out in order to provide the most efficient sample for eventual state estimates. Some industries will be sampled more heavily than others depending on the injury rate level based on previous experience. The survey should produce adequate estimates for most four-digit Standard Industrial Classification (SIC) industries in manufacturing and for three-digit classification (SIC) in non-manufacturing. Full cooperation

with the U. S. Department of Labor in statistical programs is intended.

R614-1-9. Rules of Practice for Temporary or Permanent Variance from the Utah Occupational Safety and Health Standards. (Also Adopted and Published as Chapter XXIII of the Utah Occupational Safety and Health Field Operations Manual.)

A. Scope.

1. This rule contains Rules of Practice for Administrative procedures to grant variances and other relief under Section 34A-6-202 of the Act. General information pertaining to employer-employee rights, obligations and procedures are included.

B. Application for, or petition against Variances and other relief.

1. The applicable parts of Section 34A-6-202 of the Act shall govern application and petition procedure.

2. Any employer or class of employers desiring a variance from a standard must make a formal written request including the following information:

a. The name and address of applicant;

b. The address of the place or places of employment involved;

c. A specification of the standard or portion thereof from which the applicant seeks a variance;

d. A statement by the applicant, supported by opinions from qualified persons having first-hand knowledge of the facts of the case, that he is unable to comply with the standard or portion thereof and a detailed statement of the reasons therefore;

e. A statement of the steps the applicant has taken and will take, with specific dates where appropriate, to protect employees against the hazard covered by the existing standard;

f. A statement of when the applicant expects to be able to comply with the standard and of what steps he has taken and will take, with specific dates where appropriate, to come into compliance with the standards (applies to temporary variances);

g. A statement of the facts the applicant would show to establish that (applies to newly promulgated standards);

(1) The applicant is unable to comply with a standard by its effective date because of unavailability of professional or technical personnel or of materials and equipment needed to come into compliance with the standard or because necessary construction or alteration of facilities cannot be completed by the effective date;

(2) He is taking all available steps to safeguard his employees against the hazards covered by the standards; and

(3) He has an effective program for coming into compliance with the standard as quickly as practicable;

h. Any request for a hearing, as provided in this rule;

i. A statement that the applicant has informed his affected employees of the application for variance by giving a copy thereof to their authorized representative, posting a summary statement of the application at the place or places where notices to employees are normally posted specifying where a copy may be examined; and

j. A description of how affected employees have been informed of their rights to petition the Administrator for a hearing.

3. The applicant shall designate the method he will use to safeguard his employees until a variance is granted or denied.

4. Whenever a proceeding on a citation or a related issue concerning a proposed penalty or period of abatement has been contested and is pending before an Administrative Law Judge or any subsequent review under the Administrative Procedures Act, until the completion of such proceeding, the Administrator may deny a variance application on a subject or an issue concerning a citation which has been issued to the employer.

C. Hearings.

1. The Administrator may conduct hearings upon application or petition in accordance with Section 34A-6-202(4) of the Act if:

a. Employee(s), the public, or other interested groups petition for a hearing; or

b. The Administrator deems it in the public or employee interest.

2. When a hearing is considered appropriate, the Administrator shall set the date, time, and place for such hearing. He shall provide timely notification to the applicant for variance and the petitioners. In the notice of hearing to the applicant, the applicant will be directed to notify his employees of the hearing.

3. Notice of hearings shall be published in the Administrative Rulemaking Bulletin. This shall include a statement that the application request may be inspected at the UOSH Division Office.

4. A copy of the Notification of Hearing along with other pertinent information shall be sent to the U.S. Department of Labor, Regional Administrator for OSHA.

D. Inspection for Variance Application.

1. A variance inspection will be required by the Administrator or his designee prior to final determination of either acceptance or denial.

2. A variance inspection is a single purpose, pre-announced, non-compliance inspection and shall include employee or employer representative participation or interview where necessary.

E. Interim order.

1. The purpose of an interim order is to permit an employer to proceed in a non-standard operation while administrative procedures are being completed. Use of this interim procedure is dependent upon need and employee safety.

2. Following a variance inspection, and after determination and assurance that employees are to be adequately protected, the Administrator may immediately grant, in writing, an interim order. To expedite the effect of the interim order, it may be issued at the work-site by the Administrator. The interim order will remain in force pending completion of the administrative promulgation action and the formal granting or denying of a temporary/permanent variance as requested.

F. Decision of the Administrator.

1. The Administrator may deny the application if:

a. It does not meet the requirements of paragraph R614-1-8.B.;

b. It does not provide adequate safety in the workplace for affected employees; or

c. Testimony or information provided by the hearing or inspection does not support the applicant's request for variance as submitted.

2. Letters of notification denying variance applications shall be sent to the applicant, and will include posting requirements to inform employees, affected associations, and employer groups.

a. A copy of correspondence related to the denial request shall be sent to the U.S. Department of Labor, Regional Administrator for OSHA.

b. The letter of denial shall be explicit in detail as to the reason(s) for such action.

3. The Administrator may grant the request for variances provided that:

a. Data supplied by the applicant, the UOSHA inspection and information and testimony affords adequate protection for the affected employee(s);

b. Notification of approval shall follow the pattern described in R614-1-9.C.2. and 3.;

c. Limitations, restrictions, or requirements which become part of the variance shall be documented in the letter granting the variance.

4. The Administrator's decision shall be deemed final subject to Section 34A-6-202(6).

G. Recommended Time Table for Variance Action.

1. Publication of agency intent to grant a variance. This includes public comment and hearing notification in the Utah Administrative Rulemaking Bulletin: within 30 days after receipt.

2. Public comment period: within 20 days after publication.

3. Public hearing: within 30 days after publication

4. Notification of U.S. Department of Labor Regional Administrator for OSHA: 10 days after agency publication of intent.

5. Final Order: 120 days after receipt of variance application if publication of agency intent is made.

6. Rejection of variance application without publication of agency intent: 20 days after receipt of application.

a. Notification of U.S. Department of Labor Regional Administrator for OSHA: 20 days after receipt of application.

H. Public Notice of Granted Variances, Tolerances, Exemptions, and Limitations.

1. Every final action granting variance, exemption, or limitation under this rule shall be published as required under Title 63G, Chapter 3, Utah Administrative Rulemaking Act, and the time table set forth in R614-1-9.G.

I. Acceptance of federally Granted Variances.

1. Where a variance has been granted by the U.S. Department of Labor, Occupational Safety and Health Administration, following Federal Promulgation procedures, the Administrator shall take the following action:

a. Compare the federal OSHA standard for which the variance was granted with the equivalent UOSH standard.

b. Identify possible application in Utah.

c. If the UOSH standard under consideration for application of the variance has exactly or essentially the same intent as the federal standard and there is the probability of a multi-state employer doing business in Utah, then the Administrator shall accept the variance (as federally accepted) and promulgate it for Utah under the provisions of Title 63G, Chapter 3, Utah Administrative Rulemaking Act.

d. If the variance has no apparent application to Utah industry, or to a multi-state employer in Utah, or if it conflicts with Utah Legislative intent, or established policy or procedure, the federal variance shall not be accepted. In such case, the Regional Administrator will be so notified.

J. Revocation of a Variance.

1. Any variance (temporary or permanent) whether approved by the state or one accepted by State based on Federal approval, may be revoked by the Administrator if it is determined through on-site inspection that:

a. The employer is not complying with provisions of the variance as granted;

b. Adequate employee safety is not afforded by the original provisions of the variance; or

c. A more stringent standard has been promulgated, is in force, and conflicts with prior considerations given for employee safety.

2. A federally approved national variance may be revoked by the state for a specific work-site or place of employment within the state for reasons cited in R614-1-9.J.1. Such revocations must be in writing and give full particulars and reasons prompting the action. Full rights provided under the law, such as hearings, etc., must be afforded the employer.

3. Normally, permanent variances may be revoked or changed only after being in effect for at least six months.

K. Coordination.

1. All variances issued by the Administrator will be coordinated with the U.S. Department of Labor, OSHA to insure consistency and avoid improper unilateral action.

R614-1-10. Discrimination.

A. General.

1. The Act provides, among other things, for the adoption of occupational safety and health standards, research and development activities, inspections and investigations of work places, and record keeping requirements. Enforcement procedures initiated by the Commission; review proceedings as required by Title 63G, Chapter 4, Administrative Procedures Act; and judicial review are provided by the Act.

2. This rule deals essentially with the rights of employees afforded under section 34A-6-203 of the Act. Section 34A-6-203 of the Act prohibits reprisals, in any form, against employees who exercise rights under the Act.

3. The purpose is to make available in one place interpretations of the various provisions of Section 34A-6-203 of the Act which will guide the Administrator in the performance of his duties thereunder unless and until otherwise directed by authoritative decisions of the courts, or concluding, upon reexamination of an interpretation, that it is incorrect.

B. Persons prohibited from discriminating.

Section 34A-6-203 defines employee protections under the Act, because the employee has exercised rights under the Act. Section 34A-6-103(11) of the Act defines "person". Consequently, the prohibitions of Section 34A-6-203 are not limited to actions taken by employers against their own employees. A person may be chargeable with discriminatory action against an employee of another person. Section 34A-6-203 would extend to such entities as organizations representing employees for collective bargaining purposes, employment agencies, or any other person in a position to discriminate against an employee. (See, Meek v. United States, F. 2d 679 (6th Cir., 1943); Bowe v. Judson C. Burnes, 137 F 2d 37 (3rd Cir., 1943).)

C. Persons protected by section 34A-6-203.

1. All employees are afforded the full protection of Section 34A-6-203. For purposes of the Act, an employee is defined in Section 34A-6-103(6). The Act does not define the term "employ". However, the broad remedial nature of this legislation demonstrates a clear legislative intent that the existence of an employment relationship, for purposes of Section 34A-6-203, is to be based upon economic realities rather than upon common law doctrines and concepts. For a similar interpretation of federal law on this issue, see, U.S. v. Silk, 331 U.S. 704 (1947); Rutherford Food Corporation v. McComb, 331 U.S. 722 (1947).

2. For purposes of Section 34A-6-203, even an applicant for employment could be considered an employee. (See, NLRB v. Lamar Creamery, 246 F. 2d 8 (5th Cir., 1957).) Further, because Section 34A-6-203 speaks in terms of any employee, it is also clear that the employee need not be an employee of the discriminator. The principal consideration would be whether the person alleging discrimination was an "employee" at the time of engaging in protected activity.

3. In view of the definitions of "employer" and "employee" contained in the Act, employees of a State or political subdivision thereof would be within the coverage of Section 34A-6-203.

D. Unprotected activities distinguished.

1. Actions taken by an employer, or others, which adversely affect an employee may be predicated upon nondiscriminatory grounds. The proscriptions of Section 34A-6-203 apply when the adverse action occurs because the employee has engaged in protected activities. An employee's engagement in activities protected by the Act does not automatically render him immune from discharge or discipline for legitimate reasons, or from adverse action dictated by non-prohibited considerations. (See, NLRB v. Dixie Motor Coach Corp., 128 F. 2d 201 (5th Cir., 1942).)

2. To establish a violation of Section 34A-6-203, the

employee's engagement in protected activity need not be the sole consideration behind discharge or other adverse action. If protected activity was a substantial reason for the action, or if the discharge or other adverse action would not have taken place "but for" engagement in protected activity, Section 34A-6-203 has been violated. (See, Mitchell v. Goodyear Tire and Rubber Co., 278 F. 2d 562 (8th Cir., 1960); Goldberg v. Bama Manufacturing, 302 F. 2d 152 (5th Cir., 1962).) Ultimately, the issue as to whether a discharge was because of protected activity will have to be determined on the basis of the facts in the particular case.

E. Specific protections - complaints under or related to the Act.

1. Discharge of, or discrimination against an employee because the employee has filed "any complaint under or related to this Act" is prohibited by Section 34A-6-203. An example of a complaint made "under" the Act would be an employee request for inspection pursuant to Section 34A-6-301(6). However, this would not be the only type of complaint protected by Section 34A-6-203. The range of complaints "related to" the Act is commensurate with the broad remedial purposes of this legislation and the sweeping scope of its application, which entails the full extent of the commerce power. ((See Cong. Rec., vol. 116 P. 42206 December 17, 1970).)

2. Complaints registered with Federal agencies which have the authority to regulate or investigate occupational safety and health conditions are complaints "related to" this Act. Likewise, complaints made to State or local agencies regarding occupational safety and health conditions would be "related to" the Act. Such complaints, however, must relate to conditions at the workplace, as distinguished from complaints touching only upon general public safety and health.

3. Further, the salutary principles of the Act would be seriously undermined if employees were discouraged from lodging complaints about occupational safety and health matters with their employers. Such complaints to employers, if made in good faith, therefore would be related to the Act, and an employee would be protected against discharge or discrimination caused by a complaint to the employer.

F. Proceedings under or related to the act.

1. Discharge of, or discrimination against, any employee because the employee has exercised the employee's rights under or related to this Act is also prohibited by Section 34A-6-203. Examples of proceedings which would arise specifically under the Act would be inspections of work-sites under Section 34A-6-301 of the Act, employee contest of abatement date under Section 34A-6-303 of the Act, employee initiation of proceedings for promulgation of an occupational safety and health standard under Section 34A-6-202 of the Act and Title 63G, Chapter 3, employee application for modification of revocation of a variance under Section 34A-6-202(4)(c) of the Act and R614-1-9., employee judicial challenge to a standard under Section 34A-6-202(6) of the Act, and employee appeal of an order issued by an Administrative Law Judge, Commissioner, or Appeals Board under Section 34A-6-304. In determining whether a "proceeding" is "related to" the Act, the considerations discussed in R614-1-10.G. would also be applicable.

2. An employee need not himself directly institute the proceedings. It is sufficient if he sets into motion activities of others which result in proceedings under or related to the Act.

G. Testimony.

Discharge of, or discrimination against, any employee because the employee "has testified or is about to testify" in proceedings under or related to the Act is also prohibited by Section 34A-6-203. This protection would of course not be limited to testimony in proceedings instituted or caused to be instituted by the employee, but would extend to any statements given in the course of judicial, quasi-judicial, and administrative proceedings, including inspections, investigations, and administrative rulemaking or adjudicative functions. If the employee is giving or is about to give testimony in any proceeding under or related to the Act, he would be protected against discrimination resulting from such testimony.

H. Exercise of any right afforded by the Act.

1. In addition to protecting employees who file complaints, institute proceedings under or related to the Act it also prohibited by Section 34A-6-203 discrimination occurring because of the exercise "of any right afforded by this Act." Certain rights are explicitly provided in the Act; for example, there is a right to participate as a party in enforcement proceedings (34A-6-303). Certain other rights exist by necessary implications. For example, employees may request information from the Utah Occupational Safety and Health Administration; such requests would constitute the exercise of a right afforded by the Act. Likewise, employees interviewed by agents of the Administrator in the course of inspections or investigations could not subsequently be discriminated against because of their cooperation.

2. Review of the Act and examination of the legislative history discloses that, as a general matter, there is no right afforded by the Act which would entitle employees to walk off the job because of potential unsafe conditions at the workplace. Hazardous conditions which may be violative of the Act will ordinarily be corrected by the employer, once brought to his attention. If corrections are not accomplished, or if there is dispute about the existence of a hazard, the employee will normally have opportunity to request inspection of the workplace pursuant to Section 34A-6-301 of the Act, or to seek the assistance of other public agencies which have responsibility in the field of safety and health. Under such circumstances, therefore, an employer would not ordinarily be in violation of Section 34A-6-203 by taking action to discipline an employee for refusing to perform normal job activities because of alleged safety or health hazards.

a. Occasions might arise when an employee is confronted with a choice between not performing assigned tasks or subjecting himself to serious injury or death arising from a hazardous condition at the workplace. If the employee, with no reasonable alternative, refuses in good faith to expose himself to the dangerous condition, he would be protected against subsequent discrimination. The condition causing the employee's apprehension of death or injury must be of such a nature that a reasonable person, under the circumstances then confronting the employee, would conclude that there is a real danger of death or serious injury and that there is insufficient time, due to the urgency of the situation, to eliminate the danger through resort to regular statutory enforcement channels. In addition, in such circumstances, the employee, where possible, must also have sought from his employer, and been unable to obtain, a correction of the dangerous condition.

I. Procedures - Filing of complaint for discrimination.

1. Who may file. A complaint of Section 34A-6-203 discrimination may be filed by the employee himself, or by a representative authorized to do so on his behalf.

2. Nature of filing. No particular form of complaint is required.

3. Place of filing. Complaint should be filed with the Administrator, Division of Occupational Safety and Health, Labor Commission, 160 East 300 South, Salt Lake City, Utah 84114-6650, Telephone 530-6901.

4. Time for filing.

a. Section 34A-6-203(2)(b) provides protection for an employee who believes that he has been discriminated against.

b. A major purpose of the 30-day period in this provision is to allow the Administrator to decline to entertain complaints which have become stale. Accordingly, complaints not filed within 30 days of an alleged violation will ordinarily be

presumed to be untimely.

c. However, there may be circumstances which would justify tolling of the 30-day period on recognized equitable principles or because of strongly extenuating circumstances, e.g., where the employer has concealed, or misled the employee regarding the grounds for discharge or other adverse action; where the employee has, within the 30-day period, resorted in good faith to grievance-arbitration proceedings under a collective bargaining agreement or filed a complaint regarding the same general subject with another agency; where the discrimination is in the nature of a continuing violation. In the absence of circumstances justifying a tolling of the 30-day period, untimely complaints will not be processed.

J. Notification of administrator's determination.

The Administrator is to notify a complainant within 90 days of the complaint of his determination whether prohibited discrimination has occurred. This 90-day provision is considered directory in nature. While every effort will be made to notify complainants of the Administrator's determination within 90 days, there may be instances when it is not possible to meet the directory period set forth in this section.

K. Withdrawal of complaint.

Enforcement of the provisions of Section 34A-6-203 is not only a matter of protecting rights of individual employees, but also of public interest. Attempts by an employee to withdraw a previously filed complaint will not necessarily result in termination of the Administrator's investigation. The Administrator's jurisdiction cannot be foreclosed as a matter of law by unilateral action of the employee. However, a voluntary and uncoerced request from a complainant to withdraw his complaint will be given careful consideration and substantial weight as a matter of policy and sound enforcement procedure.

L. Arbitration or other agency proceedings.

1. An employee who files a complaint under Section 34A-6-203(2) of the Act may also pursue remedies under grievance arbitration proceedings in collective bargaining agreements. In addition, the complainant may concurrently resort to other agencies for relief, such as the National Labor Relations Board. The Administrator's jurisdiction to entertain Section 34A-6-203 complaints, to investigate, and to determine whether discrimination has occurred, is independent of the jurisdiction of other agencies or bodies. The Administrator may file action in district court regardless of the pendency of other proceedings.

2. However, the Administrator also recognizes the policy favoring voluntary resolution of disputes under procedures in collective bargaining agreements. (See, e.g., Boy's Market, Inc. v. Retail Clerks, 398 U.S. 235 (1970); Republic Steel Corp. v. Maddox, 379 U.S. 650 (1965); Carey v. Westinghouse Electric Co., 375 U.S. 261 (1964); Collier Insulated Wire, 192 NLRB No. 150 (1971).) By the same token, due deference should be paid to the jurisdiction of other forums established to resolve disputes which may also be related to Section 34A-6-203 complaints.

3. Where a complainant is in fact pursuing remedies other than those provided by Section 34A-6-203, postponement of the Administrator's determination and deferral to the results of such proceedings may be in order. (See, Burlington Truck Lines, Inc., v. U.S., 371 U.S. 156 (1962).)

4. Postponement of determination. Postponement of determination would be justified where the rights asserted in other proceedings are substantially the same as rights under Section 34A-6-203 and those proceedings are not likely to violate the rights guaranteed by Section 34A-6-203. The factual issues in such proceedings must be substantially the same as those raised by Section 34A-6-203 complaint, and the forum hearing the matter must have the power to determine the ultimate issue of discrimination. (See, Rios v. Reynolds Metals Co., F. 2d (5th Cir., 1972), 41 U.S.L.W. 1049 (October 10, 1972): Newman v. Avco Corp., 451 F. 2d 743 (6th Cir., 1971).)

5. Deferral to outcome of other proceedings. A determination to defer to the outcome of other proceedings initiated by a complainant must necessarily be made on a case-to-case basis, after careful scrutiny of all available information. Before deferring to the results of other proceedings, it must be clear that those proceedings dealt adequately with all factual issues, that the proceedings were fair, regular, and free of procedural infirmities, and that the outcome of the proceedings was not repugnant to the purpose and policy of the Act. In this regard, if such other actions initiated by a complainant are dismissed without adjudicative hearing thereof, such dismissal will not ordinarily be regarded as determinative of the Section 34A-6-203 complaint.

M. Employee refusal to comply with safety rules.

Employees who refuse to comply with occupational safety and health standards or valid safety rules implemented by the employer in furtherance of the Act are not exercising any rights afforded by the Act. Disciplinary measures taken by employers solely in response to employee refusal to comply with appropriate safety rules and regulations, will not ordinarily be regarded as discriminatory action prohibited by Section 34A-6-203. This situation should be distinguished from refusals to work, as discussed in R614-1-10.H.

R614-1-11. Rules of Agency Practice and Procedure Concerning UOSH Access to Employee Medical Records.

A. Policy.

UOSH access to employee medical records will in certain circumstances be important to the agency's performance of its statutory functions. Medical records, however, contain personal details concerning the lives of employees. Due to the substantial personal privacy interests involved, UOSH authority to gain access to personally identifiable employee medical information will be exercised only after the agency has made a careful determination of its need for this information, and only with appropriate safeguards to protect individual privacy. Once this information is obtained, UOSH examination and use of it will be limited to only that information needed to accomplish the purpose for access. Personally identifiable employee medical information will be retained by UOSH only for so long as needed to accomplish the purpose for access, will be kept secure while being used, and will not be disclosed to other agencies or members of the public except in narrowly defined circumstances. This section establishes procedures to implement these policies.

B. Scope.

1. Except as provided in paragraphs R614-1-11.B.3. through 6. below, this rule applies to all requests by UOSH personnel to obtain access to records in order to examine or copy personally identifiable employee medical information, whether or not pursuant to the access provision of R614-1-12.D.

2. For the purposes of this rule, "personally identifiably employee medical information" means employee medical information accompanied by either direct identifiers (name, address, social security number, payroll number, etc.) or by information which could reasonably be used in the particular circumstances indirectly to identify specific employees (e.g., exact age, height, weight, race, sex, date of initial employment, job title, etc.).

3. This rule does not apply to UOSH access to, or the use of, aggregate employee medical information or medical records on individual employees which is not a personally identifiable form. This section does not apply to records required by R614-1-8 to death certificates, or to employee exposure records, including biological monitoring records defined by R614-1-3.M. or by specific occupational safety and health standards as exposure records.

4. This rule does not apply where UOSH compliance personnel conduct an examination of employee medical records

solely to verify employer compliance with the medical surveillance record keeping requirements of an occupational safety and health standard, or with R614-1-12. An examination of this nature shall be conducted on-site and, if requested, shall be conducted under the observation of the record holder. The UOSH compliance personnel shall not record and take off-site any information from medical records other than documentation of the fact of compliance or non-compliance.

5. This rule does not apply to agency access to, or the use of, personally identifiable employee medical information obtained in the course of litigation.

6. This rule does not apply where a written directive by the Administrator authorizes appropriately qualified personnel to conduct limited reviews of specific medical information mandated by an occupational safety and health standard, or of specific biological monitoring test results.

7. Even if not covered by the terms of this rule, all medically related information reported in a personally identifiable form shall be handled with appropriate discretion and care befitting all information concerning specific employees. There may, for example, be personal privacy interests involved which militate against disclosure of this kind of information to the public.

C. Responsible persons.

1. UOSH Administrator. The Administrator of the Division of Occupational Safety and Health of the Labor Commission shall be responsible for the overall administration and implementation of the procedures contained in this rule, including making final UOSH determinations concerning:

a. Access to personally identifiable employee medical information, and

b. Inter-agency transfer or public disclosure of personally identifiable employee medical information.

2. UOSH Medical Records Officer. The Administrator shall designate a UOSH official with experience or training in the evaluation, use, and privacy protection of medical records to be the UOSH Medical Records Officer. The UOSH Medical Records Officer shall report directly to the Administrator on matters concerning this section and shall be responsible for:

a. Making recommendations to the Administrator as to the approval or denial of written access orders.

b. Assuring that written access orders meet the requirements of paragraphs R614-1-11.D.2. and 3. of this rule.

c. Responding to employee, collective bargaining agent, and employer objections concerning written access orders.

d. Regulating the use of direct personal identifiers.

e. Regulating internal agency use and security of personally identifiable employee medical information.

f. Assuring that the results of agency analyses of personally identifiable medical information are, where appropriate, communicated to employees.

g. Preparing an annual report of UOSH's experience under this rule.

h. Assuring that advance notice is given of intended inter-agency transfers or public disclosures.

3. Principal UOSH Investigator. The Principal UOSH Investigator shall be the UOSH employee in each instance of access to personally identifiable employee medical information who is made primarily responsible for assuring that the examination and use of this information is performed in the manner prescribed by a written access order and the requirements of this section. When access is pursuant to a written access order, the Principal UOSH Investigator shall be professionally trained in medicine, public health, or allied fields (epidemiology, toxicology, industrial hygiene, bio-statistics, environmental health, etc.)

D. Written access orders.

1. Requirement for written access order. Except as provided in paragraph R614-1-11.D.4. below, each request by a UOSH representative to examine or copy personally identifiable employee medical information contained in a record held by an employer or other record holder shall be made pursuant to a written access order which has been approved by the Administrator upon the recommendation of the UOSH Medical Records Officer. If deemed appropriate, a written access order may constitute, or be accompanied by an administrative subpoena.

2. Approval criteria for written access order. Before approving a written access order, the Administrator and the UOSH Medical Records Officer shall determine that:

a. The medical information to be examined or copied is relevant to a statutory purpose and there is a need to gain access to this personally identifiable information.

b. The personally identifiable medical information to be examined or copied is limited to only that information needed to accomplish the purpose for access, and

c. The personnel authorized to review and analyze the personally identifiable medical information are limited to those who have a need for access and have appropriate professional qualifications.

3. Content of written access order. Each written access order shall state with reasonable particularity:

a. The statutory purposes for which access is sought.

b. The general description of the kind of employee medical information that will be examined and why there is a need to examine personally identifiable information.

c. Whether medical information will be examined on-site, and what type of information will be copied and removed off-site.

d. The name, address, and phone number of the Principal UOSH Investigator and the names of any other authorized persons who are expected to review and analyze the medical information.

e. The name, address, and phone number of the UOSH Medical Records Officer, and

f. The anticipated period of time during which UOSH expects to retain the employee medical information in a personally identifiable form.

4. Special situations. Written access orders need not be obtained to examine or copy personally identifiable employee medical information under the following circumstances:

a. Specific written consent. If the specific written consent of an employee is obtained pursuant to R614-1-12.D., and the agency or an agency employee is listed on the authorization as the designated representative to receive the medical information, then a written access order need not be obtained. Whenever personally identifiable employee medical information is obtained through specific written consent and taken off-site, a Principal UOSH Investigator shall be promptly named to assure protection of the information, and the UOSH Medical Records Officer shall be notified of this person's identity. The personally identifiable medical information obtained shall thereafter be subject to the use and security requirements of paragraphs R614-1-11.H.

b. Physician consultations. A written access order need not be obtained where a UOSH staff or contract physician consults with an employer's physician concerning an occupational safety or health issue. In a situation of this nature, the UOSH physician may conduct on-site evaluation of employee medical records in consultation with the employer's physician, and may make necessary personal notes of his or her findings. No employee medical records however, shall be taken off-site in the absence of a written access order or the specific written consent of an employee, and no notes of personally identifiable employee medical information made by the UOSH physician shall leave his or her control without the permission of the UOSH Medical Records Officer.

E. Presentation of written access order and notice to

employees.

1. The Principal UOSH Investigator, or someone under his or her supervision, shall present at least two (2) copies each of the written access order and an accompanying cover letter to the employer prior to examining or obtaining medical information subject to a written access order. At least one copy of the written access order shall not identify specific employees by direct personal identifier. The accompanying cover letter shall summarize the requirements of this section and indicate that questions or objections concerning the written access order may be directed to the Principal UOSH Investigator or to the UOSH Medical Records Officer.

2. The Principal UOSH Investigator shall promptly present a copy of the written access order (which does not identify specific employees by direct personal identifier) and its accompanying cover letter to each collective bargaining agent representing employees whose medical records are subject to the written access order.

3. The Principal UOSH Investigator shall indicate that the employer must promptly post a copy of the written access order which does not identify specific employees by direct personal identifier, as well as post its accompanying cover letter.

4. The Principal UOSH Investigator shall discuss with any collective bargaining agent and with the employer the appropriateness of individual notice to employees affected by the written access order. Where it is agreed that individual notice is appropriate, the Principal UOSH Investigator shall promptly provide to the employer an adequate number of copies of the written access order (which does not identify specific employees by direct personal identifier) and its accompanying cover letter to enable the employer either to individually notify each employee or to place a copy in each employee's medical file.

F. Objections concerning a written access order. All employees, collective bargaining agents, and employer written objections concerning access to records pursuant to a written access order shall be transmitted to the UOSH Medical Records Officer. Unless the agency decides otherwise, access to the record shall proceed without delay notwithstanding the lodging of an objection. The UOSH Medical Records Officer shall respond in writing to each employee's and collective bargaining agent's written objection to UOSH access. Where appropriate, the UOSH Medical Records Officer may revoke a written access order and direct that any medical information obtained by it by returned to the original record holder or destroyed. The principal UOSH Investigator shall assure that such instructions by the UOSH Medical Records Officer are promptly implemented.

G. Removal of direct personal identifiers. Whenever employees medical information obtained pursuant to a written access order is taken off-site with direct personal identifiers included, the Principal UOSH Investigator shall, unless otherwise authorized by the UOSH Medical Records Officer, promptly separate all direct personal identifiers from the medical information, and code the medical information and the list of direct identifiers with a unique identifying number of each employee. The medical information with its numerical code shall thereafter be used and kept secured as though still in a directly identifiable form. The Principal UOSH Investigator shall also hand deliver or mail the list of direct personal identifiers with their corresponding numerical codes to the UOSH Medical Records Officer. The UOSH Medical Records Officer shall thereafter limit the use and distribution of the list of coded identifiers to those with a need to know its contents.

H. Internal agency use of personally identifiable employee medical information.

1. The Principal UOSH Investigator shall in each instance of access be primarily responsible for assuring that personally identifiable employee medical information is used and kept secured in accordance with this section.

2. The Principal UOSH Investigator, the UOSH Medical Records Officer, the Administrator, and any other authorized person listed on a written access order may permit the examination or use of personally identifiable employee medical information by agency employees and contractors who have a need for access, and appropriate qualifications for the purpose for which they are using the information. No UOSH employee or contractor is authorized to examine or otherwise use personally identifiable employee medical information unless so permitted.

3. Where a need exists, access to personally identifiable employee medical information may be provided to attorneys in the office of the State Attorney General, and to agency contractors who are physicians or who have contractually agreed to abide by the requirements of this section and implementing agency directives and instructions.

4. UOSH employees and contractors are only authorized to use personally identifiable employee medical information for the purposes for which it was obtained, unless the specific written consent of the employee is obtained as to a secondary purpose, or the procedures of R614-1-11.D. through G. are repeated with respect to the secondary purpose.

5. Whenever practicable, the examination of personally identifiable employee medical information shall be performed on-site with a minimum of medical information taken off-site in a personally identifiable form.

I. Security procedures.

1. Agency files containing personally identifiable employee medical information shall be segregated from other agency files. When not in active use, files containing this information shall be kept secured in a locked cabinet or vault.

2. The UOSH Medical Records Officer and the Principal UOSH Investigator shall each maintain a log of uses and transfers of personally identifiable employee medical information and lists of coded direct personal identifiers, except as to necessary uses by staff under their direct personal supervision.

3. The photocopying or other duplication of personally identifiable employee medical information shall be kept to the minimum necessary to accomplish the purposes for which the information was obtained.

4. The protective measures established by this rule apply to all worksheets, duplicate copies, or other agency documents containing personally identifiable employee medical information.

5. Intra-agency transfers of personally identifiable employee medical information shall be by hand delivery, United States mail, or equally protective means. Inter-office mailing channels shall not be used.

J. Retention and destruction of records.

1. Consistent with UOSH records disposition programs, personally identifiable employee medical information and lists of coded direct personal identifiers shall be destroyed or returned to the original record holder when no longer needed for the purposes for which they were obtained.

2. Personally identifiable employee medical information which is currently not being used actively but may be needed for future use shall be transferred to the UOSH Medical Records Officer. The UOSH Medical Records Officer shall conduct an annual review of all centrally-held information to determine which information is no longer needed for the purposes for which it was obtained.

K. Results of an agency analysis using personally identifiable employee medical information.

1. The UOSH Medical Records Officer shall, as appropriate, assure that the results of an agency analysis using personally identifiable employee medical information are communicated to the employees whose personal medical

information was used as a part of the analysis.

2. Annual report. The UOSH Medical Records Officer shall on an annual basis review UOSH's experience under this section during the previous year, and prepare a report to the UOSH Administrator which shall be made available to the public. This report shall discuss:

a. The number of written access orders approved and a summary of the purposes for access;

b. The nature and disposition of employee; collective bargaining agent, and employer written objections concerning UOSH access to personally identifiable employee medical information; and

c. The nature and disposition of requests for inter-agency transfer or public disclosure of personally identifiable employee medical information.

L. Inter-agency transfer and public disclosure.

1. Personally identifiable employee medical information shall not be transferred to another agency or office outside of UOSH (other than to The Attorney General's Office) or disclosed to the public (other than to the affected employee or the original record holder) except when required by law or when approved by the Administrator.

2. Except as provided in paragraph R614-1-11.L.3. below, the Administrator shall not approve a request for an inter-agency transfer of personally identifiable employee medical information, which has not been consented to by the affected employees, unless the request is by a public health agency which:

a. Needs the requested information in a personally identifiable form for a substantial public health purpose;

b. Will not use the requested information to make individual determinations concerning affected employees which could be to their detriment;

c. Has regulations or established written procedures providing protection for personally identifiable medical information substantially equivalent to that of this section; and

d. Satisfies an exemption to the Privacy Act to the extent that the Privacy Act applies to the requested information (See 5 U.S.C. 552a(b); 29 CFR 70a.3).

3. Upon the approval of the Administrator, personally identifiable employee medical information may be transferred to:

a. The National Institute for Occupational Safety and Health (NIOSH).

b. The Department of Justice when necessary with respect to a specific action under the federal Occupational Safety and Health Act of 1970 and Utah Occupational Safety and Health Act of 1973.

4. The Administrator shall not approve a request for public disclosure of employee medical information containing direct personal identifiers unless there are compelling circumstances affecting the health or safety of an individual.

5. The Administrator shall not approve a request for public disclosure of employee medical information which contains information which could reasonably be used indirectly to identify specific employees when the disclosure would constitute a clearly unwarranted invasion of personal privacy.

6. Except as to inter-agency transfers to NIOSH or the State Attorney General's Office, the UOSH Medical Records Officer shall assure that advance notice is provided to any collective bargaining agent representing affected employees and to the employer on each occasion that UOSH intends to either transfer personally identifiable employee medical information to another agency or disclose it to a member of the public other than to an affected employee. When feasible, the UOSH Medical Records Officer shall take reasonable steps to assure that advance notice is provided to affected employees when the employee medical information to be released or disclosed contains direct personal identifiers.

M. Effective date.

This rule shall become effective on January 15, 1981.

R614-1-12. Access to Employee Exposure and Medical Records.

A. Purpose.

To provide employees and their designated representatives a right of access to relevant exposure and medical records, and to provide representatives of the Administrator a right of access to these records in order to fulfill responsibilities under the Utah Occupational Safety and Health Act. Access by employees, their representatives, and the Administrator is necessary to yield both direct and indirect improvements in the detection, treatment, and prevention of occupational disease. Each employer is responsible for assuring compliance with this Rule, but the activities involved in complying with the access to medical records provisions can be carried out, on behalf of the employer, by the physician or other health care personnel in charge of employee medical records. Except as expressly provided, nothing in this Rule is intended to affect existing legal and ethical obligations concerning the maintenance and confidentiality of employee medical information, the duty to disclose information to a patient/employee or any other aspect of the medical-care relationship, or affect existing legal obligations concerning the protection of trade secret information.

B. Scope.

1. This rule applies to each general industry, maritime, and construction employer who makes, maintains, contracts for, or has access to employee exposure or medical records, or analyses thereof, pertaining to employees exposed to toxic substances or harmful physical agents.

2. This rule applies to all employee exposure and medical records, and analyses thereof, of employees exposed to toxic substances or harmful physical agents, whether or not the records are related to specific occupational safety and health standards.

3. This rule applies to all employee exposure and medical records, and analyses thereof, made or maintained in any manner, including on an in-house or contractual (e.g., fee-for-service) basis. Each employer shall assure that the preservation and access requirements of this rule are complied with regardless of the manner in which records are made or maintained.

C. Preservation of records.

1. Unless a specific occupational safety and health standard provides a different period of time, each employer shall assure the preservation and retention of records as follows:

a. Employee medical records. Each employee medical record shall be preserved and maintained for a least the duration of employment plus thirty (30) years, except that health insurance claims records maintained separately from the employer's medical program and its records need not be retained for any specified period.

b. Employee exposure records. Each employee exposure record shall be preserved and maintained for at least thirty (30) years, except that:

(1) Background data to environmental (workplace) monitoring or measuring, such a laboratory reports and worksheets, need only be retained for one (1) year so long as the sampling results, the collection methodology (sampling plan), a description of the analytical and mathematical methods used, and a summary of other background data relevant to interpretation of the results obtained, are retained for at least thirty (30) years; and

(2) Material safety data sheets and paragraph R614-1-3.M.4. records concerning the identity of a substance or agent need not be retained for any specified period as long as some record of the identity (chemical name if known) of the substance

or agent, where it was used, and when it was used is retained for at least thirty (30) years; and

c. Analyses using exposure or medical records. Each analysis using exposure or medical records shall be preserved and maintained for at least thirty (30) years.

2. Nothing in this rule is intended to mandate the form, manner, or process by which an employer preserves a record so long as the information contained in the record is preserved and retrievable, except that X-ray films shall be preserved in their original state.

D. Access to records.

1. Whenever an employee or designated representative requests access to a record, the employer shall assure that access is provided in a reasonable time, place, and manner, but in no event later than fifteen (15) days after the request for access is made.

2. Whenever an employee or designated representative requests a copy of a record, the employer shall, within the period of time previously specified, assure that either:

a. A copy of the record is provided without cost to the employee or representative;

b. The necessary mechanical copying facilities (e.g., photocopying) are made available without cost to the employee or representative for copying the record; or

c. The record is loaned to the employee or representative for a reasonable time to enable a copy to be made.

3. Whenever a record has been previously provided without cost to an employee or designated representative, the employer may charge reasonable, non-discriminatory administrative costs (i.e., search and copy expenses but not including overhead expenses) for a request by the employee or designated representative for additional copies of the record, except that:

a. An employer shall not charge for an initial request for a copy of new information that has been added to a record which was previously provided; and

b. An employer shall not charge for an initial request by a recognized or certified collective bargaining agent for a copy of an employee exposure record or an analysis using exposure or medical records.

4. Nothing in this rule is intended to preclude employees and collective bargaining agents from collectively bargaining to obtain access to information in addition to that available under this rule.

5. Employee and designated representative access.

a. Employee exposure records. Each employer shall, upon request, assure the access of each employee and designated representative to employee exposure records relevant to the employee. For the purpose of this rule exposure records relevant to the employee consist of:

(1) Records of the employee's past or present exposure to toxic substances or harmful physical agents,

(2) Exposure records of other employees with past or present job duties or working conditions related to or similar to those of the employee,

(3) Records containing exposure information concerning the employee's workplace or working conditions, and

(4) Exposure records pertaining to workplaces or working conditions to which the employee is being assigned or transferred.

b. Employee medical records.

(1) Each employer shall, upon request, assure the access of each employee to employee medical records of which the employee is the subject, except as provided in R614-1-12.D.4.

(2) Each employer shall, upon request, assure the access of each designated representative to the employee medical records of any employee who has given the designated representative specific written consent. R614-1-12A., Appendix A to R614-1-12., contains a sample form which may be used to establish specific written consent for access to employee medical records.

(3) Whenever access to employee medical records is requested, a physician representing the employer may recommend that the employee or designated representative:

(a) Consult with the physician for the purposes of reviewing and discussing the records requested;

(b) Accept a summary of material facts and opinions in lieu of the records requested;, or

(c) Accept release of the requested records only to a physician or other designated representative.

(4) Whenever an employee requests access to his or her employee medical records, and a physician representing the employer believes that direct employee access to information contained in the records regarding a specific diagnosis of a terminal illness or a psychiatric condition could be detrimental to the employees health, the employer may inform the employee that access will only be provided to a designated representative of the employee having specific written consent, and deny the employee's request for direct access to this information only. Where a designated representative with specific written consent requests access to information so withheld, the employer shall assure the access of the designated representative to this information, even when it is known that the designated representative will give the information to the employee.

(5) Nothing in this rule precludes physician, nurse, or other responsible health care personnel maintaining employee medical records from deleting from requested medical records the identity of a family member, personal friend, or fellow employee who has provided confidential information concerning an employee's health status.

c. Analysis using exposure or medical records.

(1) Each employer shall, upon request, assure the access of each employee and designated representative to each analysis using exposure or medical records concerning the employee's working conditions or workplace.

(2) Whenever access is requested to an analysis which reports the contents of employee medical records by either direct identifier (name, address, social security number, payroll number, etc.) or by information which could reasonably be used under the circumstances indirectly to identify specific employees (exact age, height, weight, race, sex, date of initial employment, job title, etc.) the employer shall assure that personal identifiers are removed before access is provided. If the employer can demonstrate that removal of personal identifiers from an analysis is not feasible, access to the personally identifiable portions of analysis need not be provided.

(3) UOSH access.

(a) Each employer shall, upon request, assure the immediate access of representatives of the Administrator to employee exposure and medical records and to analysis using exposure or medical records. Rules of agency practice and procedure governing UOSH access to employee medical records are contained in R614-1-8.

(b) Whenever UOSH seeks access to personally identifiable employee medical information by presenting to the employer a written access order pursuant to R614-1-8, the employer shall prominently post a copy of the written access order and its accompanying cover letter for at least fifteen (15) working days.

E. Trade Secrets.

1. Except as provided in paragraph R614-1-12.E.2., nothing in this rule precludes an employer from deleting from records requested by an employee or designated representative any trade secret data which discloses manufacturing processes, or discloses the percentage of a chemical substance in a mixture, as long as the employee or designated representative is notified that information has been deleted. Whenever deletion of trade secret information substantially impairs evaluation of the place

where or the time when exposure to a toxic substance or harmful physical agent occurred, the employer shall provide alternative information which is sufficient to permit the employee to identify where and when exposure occurred.

2. Notwithstanding any trade secret claims, whenever access to records is requested, the employer shall provide access to chemical or physical agent identities including chemical names, levels of exposure, and employee health status data contained in the requested records.

3. Whenever trade secret information is provided to an employee or designated representative, the employer may require, as a condition of access, that the employee or designated representative agree in writing not to use the trade secret information for the purpose of commercial gain and not to permit misuse of the trade secret information by a competitor or potential competitor of the employer.

F. Employee information.

1. Upon an employee's first entering into employment, and at least annually thereafter, each employer shall inform employees exposed to toxic substances or harmful physical agents of the following;

a. The existence, location, and availability of any records covered by this rule;

b. The person responsible for maintaining and providing access to records; and

c. Each employee's right of access to these records.

2. Each employer shall make readily available to employees a copy of this rule and its appendices, and shall distribute to employees any informational materials concerning this rule which are made available to the employer by the Administrator.

G. Transfer of Records

1. Whenever an employer is ceasing to do business, the employer shall transfer all records subject to this Rule to the successor employer. The successor employer shall receive and maintain these records.

2. Whenever an employer is ceasing to do business and there is no successor employer to receive and maintain the records subject to this standard, the employer shall notify affected employees of their rights of access to records at least three (3) months prior to the cessation of the employer's business.

3. Whenever an employer either is ceasing to do business and there is no successor employer to receive and maintain the records, or intends to dispose of any records required to be preserved for at least thirty (30) years, the employer shall:

a. Transfer the records to the Director of the National Institute for Occupational Safety and Health (NIOSH) if so required by a specific occupational safety and health standard; or

b. Notify the Director of NIOSH in writing of the impending disposal of records at least three (3) months prior to the disposal of the records.

4. Where an employer regularly disposes of records required to be preserved for at least thirty (30) years, the employer may, with at least (3) months notice, notify the Director of NIOSH on an annual basis of the records intended to be disposed of in the coming year.

a. Appendices. The information contained in the appendices to this rule is not intended, by itself, to create any additional obligations not otherwise imposed by this rule nor detract from any existing obligation.

H. Effective date. This rule shall become effective on December 5, 1980. All obligations of this rule commence on the effective date except that the employer shall provide the information required under R614-1-12.F.1. to all current employees within sixty (60) days after the effective date.

R614-1-12A. Appendix A to R614-1-12 SAMPLE.

Authorization letter for the Release of Employee Medical Record Information to Designated Representative.

I, (full name of worker/patient), hereby authorize (individual or organization holding the medical records), to release to (individual or organization authorized to receive the medical information), the following medical information from my personal medical records: (Describe generally the information desired to be released).

I give my permission for this medical information to be used for the following purpose: ....., but I do not give permission for any other use or re-disclosure of this information.

(Note---Several extra lines are provided below so that you can place additional restrictions on this authorization letter if you want to. You may, however, leave these lines blank. On the other hand, you may want to (1) specify a particular expiration date for this letter (if less than one year): (2) describe medical information to be created in the future that you intend to be covered by this authorization letter, or (3) describe portions of the medical information in you records which you do not intend to be released as a result of this letter.)

Full name of Employee or Legal Representative
Signature of Employee or Legal Representative
Date of Signature

R614-1-12B. Appendix B to R614-1-12 Availability of NIOSH Registry of Toxic Effects of Chemical Substances (RTECS).

R614-1-12 applies to all employee exposure and medical records, and analysis thereof, of employees exposed to toxic substances or harmful physical agents (see R614-1-12.B.2.). The term "toxic substance" or "harmful physical agent" is defined by paragraph R614-1-3.FF. to encompass chemical substances, biological agents, and physical stresses for which there is evidence of harmful health effects. The standard uses the latest printed edition of the National Institute for Occupational Safety and Health (NIOSH) Registry of Toxic Effects of Chemical Substances (RTECS) as one of the chief sources of information as to whether evidence of harmful health effects exists. If a substance is listed in the latest printed RTECS, the standard applies to exposure and medical records (and analysis of these records) relevant to employees exposed to the substances.

It is appropriate to note that the final standard does not require that employers purchase a copy of RTECS and many employers need not consult RTECS to ascertain whether their employee exposure or medical records are subject to the standard. Employers who do not currently have the latest printed edition of the NIOSH RTECS, however, may desire to obtain a copy. The RTECS is issued in an annual printed edition as mandated by Rule 20(a)(6) of the Occupational Safety and Health Act (29 U.S.C. 669 (a)(6)). The 1978 edition is the most recent printed edition as of May 1, 1980. Its Forward and Introduction describes the RTECS as follows:

"The annual publication of a list of known toxic substances is a NIOSH mandate under the Occupational Safety and Health Act of 1970. It is intended to provide basic information on the known toxic and biological effects of chemical substances for the use of employers, employees, physicians, industrial hygienists, toxicologists, researchers, and, in general, anyone concerned with the proper and safe handling of chemicals. In turn, this information may contribute to a better understanding of potential occupational hazards by everyone involved and ultimately may help to bring about a more healthful workplace environment.

"This registry contains 142,247 listings of chemical substances: 33,929 are names of different chemicals with their associated toxicity data and 90,318 are synonyms. This edition includes approximately 7,500 new chemical compounds that did not appear in the 1977 Registry.

"The Registry's purposes are many, and it serves a variety of users. It is a single source document for basic toxicity information and for other data, such as chemical identifiers and information necessary for the preparation of safety directives and hazard evaluations for chemical substances. The various types of toxic effects linked to literature citations provide researchers and occupational health scientists with an introduction to the toxicological literature, making their own review of the toxic hazards of a given substance easier. By presenting data on the lowest reported doses that produce effects by several routes of entry in various species, the Registry furnishes valuable information to those responsible for preparing safety data sheets for chemical substances in the workplace. Chemical and production engineers can use the Registry to identify the hazards which may be associated with chemical intermediates in the development of final products, and thus can more readily select substitutes or alternate processes which may be less hazardous.

"In this edition of the Registry, the editors intend to identify "all known toxic substances" which may exist in the environment and to provide pertinent data on the toxic effects from known does entering an organism by any route described. Data may be used for the evaluation of chemical hazards in the environment, whether they be in the workplace, recreation area, or living quarters.

"It must be reemphasized that the entry of a substance in the Registry does not automatically mean that it must be avoided. A listing does mean, however, that the substance has the documented potential of being harmful if misused, and care must be exercised to prevent tragic consequences."

The RTECS 1978 printed edition may be purchased for $13.00 from the Superintendent of Documents, U.S. Government Printing Office (GPO), Washington, D.C. 20402 (202-783-3238) (GPO Stock No. 017-033-00346-7). The 1979 printed edition is anticipated to be issued in the summer of 1980. Some employers may also desire to subscribe to the quarterly update to the RTECS which is published in a microfiche edition. An annual subscription to the quarterly microfiche may be purchase from the GPO for $14.00 (Order the "Microfiche Edition. Registry of Toxic Effects of Chemical Substances"). Both the printed edition and the microfiche edition of RTECS are available for review at many university and public libraries throughout the country. The latest RTECS editions may also be examined at OSHA Technical Data Center, Room N2439-Rear, United States Department of Labor, 200 Constitution Avenue, N.W., Washington, D.C. 20210 (202-523-9700), or any OSHA Regional or Area Office (See major city telephone directories under United States Government-Labor Department).

KEY: safety
May 22, 2008 **34A-6**
Notice of Continuation November 2, 2007

R622. Lieutenant Governor, Administration.
R622-2. Use of the Great Seal of the State of Utah.
R622-2-1. Purpose.

(A) The Great Seal of the State of Utah is a symbol of the sovereignty of this state, and its use denotes authenticity of official state government functions and authority. The Great Seal is a single mounted engraved plate, comprising form and content as described in Section 67-1a-8, Utah Code. The purpose of this rule is to define how the state will:

(1) manage the use and application of the Great Seal (the seal); and

(2) define criteria for its authorized application.

R622-2-2. Primary Function of the Seal.

(A) Since its conception, the seal has been employed for specific governmental applications within the state's Executive, Legislative and Judicial Branches. The seal will be administered consistent with state law and policy, and its principal application shall be to authenticate or attest to:

(1) official documents which are authorized and/or required by statute; and

(2) other state documents having historic, civic, commemorative or educational value or import.

(B) The seal's impression on a legal document shall require the Lieutenant Governor's signature to appear on the same page as, and in proximity thereto.

R622-2-3. Custody and Use.

Pursuant to Section 67-1a-2(1)(d), (e), (f) of the Utah Code; the lieutenant governor shall ". . . keep custody of the Great Seal of the state of Utah; to keep a register of, and attest, the official acts of the governor; and to affix the Great Seal, with an attestation, to all official documents and instruments to which the official signature of the governor is required."

R622-2-4. General Permitted Uses of the Seal.

(A) The seal shall be permitted for use without the written authorization of the Lieutenant Governor, in the following circumstances:

(1) printings of replicas of the seal on official state letterhead, business cards, and stationery for agencies, entities, or officers of the state, and

(2) exhibition of permitted reproductions of the seal on state flags.

(B) The seal shall be permitted for use in the following circumstances upon describing and submitting a list of intended uses with the lieutenant governor's office to assure uniformity and continuity of use:

(1) application or display of replicas of the seal by state agencies and state political sub-divisions which delineate official state purposes, and by state elected officials in connection with their official state business;

(2) for educational and academic uses by schools, colleges and universities to convey information about official state functions;

(3) for use on a product or article offered to the public, for profit or without charge, through the Utah State Capitol gift shop.

(4) Such uses shall not attempt to endorse, authenticate, recognize or promote persons or roles, or be part of administrative or promotional functions.

R622-2-5. Prohibited Usage.

(A) The seal, or replica, shall not be committed for general use, including:

(1) for personal financial gain;

(2) for, or in connection with, any advertising or promotion of any product, business, organization, service, or article whether offered for sale, for profit or without charge, except as provided in R622-2-4(B)(3);

(3) in a political campaign, or in ways that may legitimize or assist to defeat another candidate for elective office; or

(4) to function as, or be construed to function in any way as an endorsement of any business, organization, product, service or article.

(B) No symbol shall be used that imitates or appears similar to the seal in a way that intends to deceive, or is displayed in a manner that conveys improper use of the official Great Seal itself.

(C) When the seal is used, no mark, insignia, letter, word, figure, design, picture, or drawing of any nature may be placed upon the seal, or any part of it.

(D) A state agency, or an elected official, other than the lieutenant governor, shall not have authority to permit an individual or entity associated with a state agency or state elected official, to use the seal or replica for a commercial purpose whereby items will be distributed for sale, even though such purpose may include the providing of goods or services to the state.

(E) The seal shall not be displayed in a manner which lessens or detracts from its dignity or impact.

R622-2-6. Application For Use.

(A) Persons or entities seeking permission to use the seal or replica, excepting uses outlined in R622-2-4, will complete and file a legible application with the Lt. Governor, on a form provided by that office, which shall include:

(1) a specific description of the intended usage involving the Great Seal of the State of Utah, or replica of the seal,

(2) the payment of an administrative filing fee in the amount of $ 5.00, (non-refundable) and

(3) a precise description and specification of the actual product or item to bear the seal, or replica, in the form of an architectural drawing, engineering draft-to-scale, brochure, or lucid photograph or computer-graphic. The application, and supporting documents shall become the property of the lieutenant governor's office.

(B) Upon approval of a complete application, the applicant shall be issued a certificate bearing an identification number, by the lieutenant governor, which shall be kept by the applicant on file for four years following use of the seal. State agencies and entities which use the state seal or replica for official state functions have no application or fee requirement.

(C) An application may be denied for (1) failure to comply with relevant statutes or this rule, (2) failure to include the required fee, or (3) if the intended use is found to be detrimental to the image of the state and not in its best interest.

R622-2-7. Revocation of Approved Applications.

The lieutenant governor may revoke any prior approved usage if it is determined that the seal is being used improperly, if the actual use differs from the intended use as described on the application, or if false or inaccurate information was used to gain approval.

R622-2-8. Enforcement.

(A) Pursuant to Section 67-1a-7, Utah Code, except as otherwise provided by law, only the lieutenant governor, or the lieutenant governor's designee, is authorized to use or affix the seal to a document in pursuance of law. If any person illegally uses the seal, or such seal when defaced, the state may refer such criminal violations to an appropriate prosecuting authority.

(B) Under the provisions of Section 76-6-501, Utah Code, the state may seek redress against a person, or persons, who impermissibly replicate the seal as a forgery. A person or entity employing the seal, or a replica, with the intent to defraud or imply that the presence of the seal or replica appeared by permission of the state, or whose presentation of the seal

denigrates it's ability to authenticate by proper state authority,
may be referred to an appropriate prosecuting authority.

KEY: great seal, lt. governor, state flag
November 21, 2007 **67-1a-7**
Notice of Continuation April 7, 2009 **67-1a-8**
67-1a-2
76-6-501

R623. Lieutenant Governor, Elections.
R623-1. Lieutenant Governor's Procedure for Regulation of Lobbyist Activities.
R623-1-1. Purpose.

Pursuant to Utah Code Section 36-11-404 this rule provides procedures for the lieutenant governor's office to:

A. Issue lobbyist licenses;
B. Disapprove lobbyist applications;
C. Suspend and revoke lobbyist licenses;
D. Reinstate lobbyist licenses; and
E. Appoint administrative law judges.

R623-1-2. Authority.

This rule is required by Utah Code Section 36-11-404.

R623-1-3. Definitions.

In addition to the terms defined in Utah Code Section 36-11-102, the following definitions apply:

A. "Director" means the director of the state elections office.

B. "Register" means the process of obtaining a lobbying license as required by Sections 36-11-103 and 36-11-105.

C. "Report" means any report required under Sections 36-11-201.

R623-1-4. Registration/License Application Procedure.

A. In order to register and obtain a license, a lobbyist shall:

1. Pay the $25 registration fee.

2. File a registration/license application statement in compliance with the provisions of Section 36-11-103. The lieutenant governor's office shall make available forms that comply with Section 36-11-103. The lobbyist may either:

(a) Submit the completed form to the lieutenant governor's office; or

(b) File the lobbyist registration/license application by completing the electronic form available on the Utah Lobbyist Online system; and submit the completed signature authorization form to the lieutenant governor's office.

B. Upon receipt of a completed lobbyist registration/license application form the lieutenant governor's office shall:

1. Review the registration form for accuracy, completeness and compliance with the law;

2. Approve or disapprove the registration/license application; and

3. Notify the lobbyist in writing within 30 days of approval or disapproval.

C. An applicant who has not been convicted of any of the offenses listed in Section 36-11-103(4)(a)(i), and who has not had a civil penalty imposed as described in Section 36-11-103(4)(a)(ii), may commence lobbying activities upon filing of a completed registration/license application form with the lieutenant governor's office and payment of the registration fee.

D. By applying for a license, the lobbyist certifies that the lobbyist intends to engage in lobbying activities under the circumstances stated in the application or supplements filed with the lieutenant governor's office during the time the registration and license are valid.

1. If a lobbyist intends to cease all lobbying activities for the remainder of the period of licensure, the lobbyist shall notify the lieutenant governor's office in writing and surrender the license.

2. If the lobbyist has a change in circumstances that affects the lobbyist's activities, the lobbyist shall notify the lieutenant governor's office in writing.

3. If a lobbyist has surrendered the license and then decides to reengage in lobbying activities, a reissued license without a fee may be requested, if it is within the 2-year period of the original registration.

4. The lobbyist must submit a written request to the lieutenant governor's office in order to have the license reissued.

5. A reissued license expires on December 31 of each even numbered year in accordance with Section 36-11-103(3)(b).

E. A lobbyist may add and delete principals and provide other notices electronically as prescribed by the lieutenant governor's office.

R623-1-5. Disapproval of Application.

A. A lobbyist who is convicted of violation of any of the offenses listed in Utah Code Section 36-11-103, shall have his application for license disapproved by the lieutenant governor's office and a license will not be issued.

B. The lobbyist will receive written notice of the license disapproval from the lieutenant governor's office within 30 days.

R623-1-6. Suspensions, Revocations and Fines.

A. Registration and reporting violations.

1. In addition to any fines imposed under 36-11-401, a lobbyist license may be suspended for any of the following willful and knowing violations of Section 36-11-103, Sections 36-11-201:

a. Failure to register;

b. Failure to file a year end or supplemental report on or before the statutory due date;

c. Failure to file a year end or supplemental report;

d. Filing a report or other document that contains materially false information or the omission of material information; including, but not limited to, the failure to list all principals for which the lobbyist works or is hired as an independent contractor;

e. Failure to update a registration when a lobbyist accepts a new client for lobbying; or

f. Otherwise violating Sections 36-11-103, 36-11-201.

2. If a fine or other penalty is imposed more than once under the immediately preceding section, suspension or permanent revocation of the lobbyist license shall be imposed.

3. The determination of the penalty to be imposed will be made by following the procedures as provided by Section R623-1-7.

B. Illegal Activities of lobbyists.

1. If the lieutenant governor's office discovers or receives evidence of a possible violation of Sections 36-11-301 to 305, the evidence will be sent to the appropriate county attorney or district attorney's office for prosecution.

2. If a lobbyist is convicted of a violation of Sections 36-11-103, 36-11-201, 36-11-301, 36-11-302, 36-11-303, 36-11-304, 36-11-305 or 36-11-403, the lieutenant governor shall revoke the lobbyist license for one year as required by Subsection 36-11-401(1) and give the lobbyist notice of the same, together with notice of the lobbyist's right to request a hearing under Section R623-1-9.

3. If the county or district attorney does not prosecute a possible violation under Sections 36-11-302 or 36-11-303, the lieutenant governor's office shall review the evidence to determine if a civil fine or suspension may be appropriate following the procedures for civil enforcement set forth in Section R623-1-7.

4. If a lobbyist is convicted of a violation of any of the Title 76 Criminal Code Sections referenced in Subsection 36-11-401(4), suspension of up to three years or permanent revocation of the lobbyist license shall be imposed, but no civil fine may be imposed. The determination of whether to revoke or suspend a lobbyist license and for what length of time shall be made following the procedures for civil enforcement as provided by Section R623-1-7.

R623-1-7. Enforcement.

A. Any person with evidence of a possible violation of the Lobbyist Disclosure and Regulation Act may provide such evidence to the director in the lieutenant governor's office or may file a complaint with such officer. If the evidence is of a criminal violation, the person may report the information directly to the appropriate county attorney or district attorney.

B. If the director discovers or receives evidence of a criminal violation, such evidence shall be provided to the appropriate county or district attorney and any civil enforcement actions will proceed as set forth in Subsection R623-1-6(B).

C. If the director discovers or receives evidence of a violation of a civil provision, the director will investigate the alleged violation and make a determination regarding what fine and/or suspension or revocation should be imposed, if any.

D. The director shall give notice of the recommended penalty to the lobbyist, and if a complaint was filed, to the complainant.

E. If either the lobbyist or the complainant desire to contest the recommended penalty, they or either of them may do so by requesting a hearing within fifteen (15) days of receipt of the notice of the recommended penalty. If neither file a request for a hearing within the fifteen day period, the recommended penalty will be the penalty imposed for the violation. The notice of recommended penalty shall include a notice of hearing rights.

F. The administrative law judge for the hearing is not bound by the recommended penalty and may impose a penalty greater or less than the recommended penalty, as seems justified by the evidence.

G. If a lobbyist license is suspended or revoked, the lieutenant governor's office shall remove the lobbyist's name from the official list and notify the following of such:

1. The speaker of the house of representatives;
2. The president of the senate; and
3. The governor.

R623-1-8. Hearings, Appointment of Administrative Law Judges.

A. Hearings will be conducted as informal adjudicative proceedings under the Administrative Procedures Act.

B. The lieutenant governor's office shall appoint administrative law judges from state agencies to act as presiding officers over adjudicative proceedings.

R623-1-9. Reinstatement of a Lobbyist License.

A. A lobbyist whose license is suspended or revoked may apply for reinstatement.

B. The lieutenant governor's office shall not reinstate any lobbyist license until the lobbyist pays any fines that have been imposed.

KEY: lobbyist
October 19, 2004 **36-11-404**
Notice of Continuation April 7, 2009

R623. Lieutenant Governor, Elections.
R623-2. Uniform Ballot Counting Standards.
R623-2-1. Purpose.

The State of Utah is adopting uniform and nondiscriminatory standards that define what constitutes a vote and what will be counted for each voting system used in the state.

R623-2-2. Authority.

This rule is authorized by Utah Code Section 67-1a-2(2)(a); 42 USC 15403(e); 42 USC 15481(a)(6); Utah Constitution Article VII Sections 1, 5 and 14.

R623-2-3. Definitions.

In addition to the terms defined in Utah Code Section 20A-1-102, the following definitions apply:

A. "Blank Ballot" means a ballot on which the voter has made no marks in any voting position, or has been marked with an unreadable marker, or is one which has been consistently marked outside of the "read" area of the scanner.

B. "Chad" means the small piece of paper or cardboard produced from a punch card ballot when a voter pierces a hole in a perforated, designated position on the ballot with a marking device to record the voter's candidate, question, or issue choice.

C. "Counter" means automatic tabulating equipment or other electronic voting equipment upon which ballots are counted.

D. "Damaged Ballot" means a ballot that has been torn, bent, or otherwise mutilated or rendered unreadable so that it cannot be processed by automatic tabulating equipment.

E. "Duplicate Ballot" means a ballot for which a duplicate is made in order to be properly processed and counted due to damage, improper marking or some other reason which would prevent a counter from accurately counting the ballot in accordance with the voter's intent.

F. "Overvote" means a race, question or issue which contains votes for more than the maximum number of candidates or responses for a ballot question or issue allowed.

G. "Optical Scan Ballot" means a paper ballot that contains blank ovals or arrows that are to be filled in by the voters using a readable marker.

H. "Punch Card Ballot" means a ballot card that contains small perforated designated positions that a marking device must pierce to form a hole that records a voter's candidate, question, or issue choice.

I. "Resolution Board" means election judges who inspect the optical scan ballots.

J. "Undervote" means a race, question or issue which contains no votes or when more than one choice is available, less than the maximum number of votes allowed.

K. "Zero tape" means a paper record that no votes have been cast or counted on any automatic tabulating equipment or voting machine.

R623-2-4. Uniform Counting Standards for Optical Scan Ballots.

A. A correctly voted optical scan ballot occurs when a voter, using a readable marker, fills in or connects at least one of the ovals/arrows per race, question, or issue, not to exceed the maximum allowable votes per race, question or issue, in accordance with the ballot marking instructions.

B. Optical scan equipment shall be set to consistent and uniform sensitivity standards for each system type.

C. Pre-election testing shall be performed by the designated election official in accordance with Utah Code Section 20A-4-104(1).

D. Election day count machine settings shall be set to sort blank ballots, overvotes, and write-in votes.

E. When a precinct optical scan counter is used in the precinct the procedure is as follows:

1. A zero tape shall be run indicating no votes cast or counted before the machine is used.

2. Voters whose ballots are rejected or sorted by the precinct counter as a blank, overvoted or undervoted ballot shall be given the opportunity to correct their ballot.

3. Ballots sorted to a write-in bin shall be tallied at the conclusion of the voting and delivered to the central counting center in a secure container.

F. When using a central count optical scan counter, the procedure is as follows:

1. A zero tape shall be run indicating no votes cast or counted before the counting begins.

2. Official ballots shall be processed through the optical scanner, with write in votes tallied. If there are no legally qualified write-in candidates, the write-in sort option shall not be utilized.

3. The optical scanner shall be tested again by tabulating the test deck at the conclusion of the count.

G. Resolution of optical scan ballots shall be as follows:

1. Damaged or defective ballots shall be repaired, if possible, to be accepted by the optical scan equipment. If the ballot is damaged beyond repair, the ballot shall be duplicated utilizing the ballot duplication procedures established in Utah Code Section 20A-4-104(3).

2. Blank ballots shall be examined by the resolution board to determine if the ballot is a true blank ballot or one that has been marked with a non-detected device. The resolution board may clarify a non-detected mark in such a manner that the original voter mark is preserved, such as making a detectable line through the non-detected mark, placing a removable label over the non-detected mark and marking with the proper device, or placing cellophane tape over the mark and a marked removable label to properly reflect the voter's intent. The election officer must initial the clarification in a non-readable area on the ballot next to the clarification. The election official may also choose to make a true duplicate copy of the ballot utilizing the ballot duplication procedures. If a ballot is truly blank, it shall be sent back for the resolution pass through the scanner, and the ballot tabulated with no races, issues or questions voted.

3. Overvoted ballots shall be inspected by the resolution board. Any marks that are clearly identified as unintentional but register as an overvote on the scanner may be clarified by the election officer by the placement of a removable adhesive sticker over the unintentional mark to properly reflect the voter's intent. The election officer must initial next to the clarification in a non-readable portion of the ballot. The election officer may also choose to make a true duplicate copy of the ballot utilizing the procedures for duplication of ballots.

4. Write-in votes sorted by the optical scan equipment on election day shall be designated for hand counting. In order to be counted, the oval must be darkened or the arrow connected according to the appropriate voting instructions.

H. Recount Procedures for Optical Scan.

1. Optical scan equipment shall be set to consistent sensitivity standards for each system type, shall be tested prior to the recount, and shall be programmed to sort undervotes for the individuals race(s), issue(s) or question(s) being recounted.

2. Recounts will include a visual inspection of all ballots cast for write-in candidates in the contested race(s) to determine voter intent.

R623-2-5. Uniform Counting Standards for Punch Card Voting Systems.

A. Prior to the counting of the ballots by automatic tabulating equipment, at least one team of election personnel shall inspect the ballots for loose chads, ballot damage, including holes that are too large, a ballot that is torn in the

mail, etc., written instructions and corrections, and write-in votes. The purpose of the inspection shall be to insure that all ballots are machine-readable and that the voter's intent will be recorded correctly and accurately. In some instances, duplication of the ballot may be necessary in order to count the ballot.

B. All loose chads shall be removed to insure that all of the voter's choices on the ballot are correctly and accurately reflected in the count.

1. A chad that is unattached on two or more corners represents a vote and shall be removed.

2. If a chad is attached to a punch card ballot by three or four corners, unless there is a complete hole in the chad made by the stylus, no vote shall be recorded for that candidate, issue or question at that particular ballot position, and the chad shall not be removed.

C. Dimpled mark or puncture. If the ballot has been marked according to instructions but there is a dimple mark located wholly on the non removed chad, that mark shall be considered a random mark, no vote shall be recorded for that candidate, issue or question at that particular ballot position, and the chad shall not be removed.

D. Damaged ballots. If the ballot has damage or defects that would cause problems in tallying, the ballot shall be duplicated to the extent possible in accordance with the voter's intent. If the voter's intent cannot be determined for a specific office, issue or question on the damaged ballot, that position shall be left blank on the duplicate ballot.

E. If other material is included with an absentee ballot or is attached to the secrecy envelope, the material shall be inspected to determine if it has a bearing on the voter's intent. If the material has a bearing on the voter's intent, the original ballot shall be duplicated as necessary and the original ballot, along with the material, shall be placed in an envelope marked "Duplicated Ballot". If the material has no bearing on the voter's intent, it shall be discarded.

KEY: elections, ballots, Help America Vote Act, voting
June 16, 2004 Article VII, Sections 1, 5, and 14
Notice of Continuation April 7, 2009 67-1a-2(2)
42 U.S.C. 15481(a)(6)

R623. Lieutenant Governor, Elections.
R623-3. Utah State Plan on Election Reform.
R623-3-1. Purpose.

The purpose of this rule is to incorporate by reference the policies and procedures of the Utah State Plan on Election Reform adopted by the State Plan Committee on November 8, 2004.

R623-3-2. Authority.

This rule is authorized by 42 USC 15404; 42 USC 15403(e); Utah Code Subsection 67-1a-2(2); and Utah Constitution Article VII, Sections 1, 5 and 14.

R623-3-3. Incorporation of the Utah State Plan on Election Reform.

The State Elections Office incorporates by reference the Utah State Plan on Election Reform adopted on November 8, 2004. The Utah State Plan on Election Reform originally adopted on September 25, 2003, was published in the Federal Register (69 FR14002) on March 24, 2004.

KEY: elections, state plan, federal election reform
June 16, 2004 **Article VII, Sections 1, 5, and 14**
Notice of Continuation April 7, 2009 **67-1a-2(2)**
42 U.S.C. 15404
42 U.S.C. 15403(e)

R638. Natural Resources, Geological Survey.
R638-2. Renewable Energy Systems Tax Credits.
R638-2-1. Purpose.

(A) This rule implements the responsibilities assigned to the Utah Geological Survey (UGS) for the renewable energy systems tax credit programs established in Sections 59-7-614, 59-10-1014, and 59-10-1106.

(B) This rule establishes requirements for eligibility for renewable energy system tax credits and the criteria for determining the amount of such tax credits by defining eligible systems, eligible system components, eligible costs, and other requirements intended to ensure the safety and reliability of systems supported by tax credits, and to ensure the appropriate use of the state's energy and economic resources.

(C) This rule also establishes procedures for taxpayers to use when applying for UGS certification of tax credit eligibility and tax credit amounts, and for UGS to follow in reviewing such applications.

(D) This rule applies to all renewable energy systems installed or entering commercial service after January 1, 2007.

R638-2-2. Authority.

Pursuant to Sections 59-7-614, 59-10-1014, and 59-10-1106, the UGS and the Utah Tax Commission may each make rules that are necessary to implement renewable energy tax credits for corporate and individual income tax filers. In addition, the UGS is required to certify that an energy system for which a tax credit is sought has been installed and is a viable system for saving or producing energy from renewable resources. For taxpayers claiming a tax credit based upon a percentage of the costs of a renewable energy system, the UGS may also set standards for residential and commercial systems that cover the safety, reliability, efficiency, leasing, and technical feasibility of the systems to ensure that they use the state's renewable and non-renewable energy resources in an appropriate and economic manner. For such percentage-of-cost credits, the UGS may also establish rules defining the reasonable costs of a system.

R638-2-3. Definitions.

(A) The definitions below are in addition to or serve to clarify the definitions found in Sections 59-7-614, 59-10-1014, and 59-10-1106.

(B) "Active solar thermal system" means a system of apparatus and equipment capable of intercepting and transferring incident solar thermal radiation to air or liquid by a separate apparatus to the point of storage or use. Transfer of energy to the point of storage or use must be accomplished using a mechanically powered device.

1. Active solar thermal systems include systems that:

a. Heat water for space heating, culinary water, recreational use (including swimming pools), and other industrial or commercial uses;

b. Heat a liquid, contained within a closed loop system, whose transferred heat may be used for space heating, culinary water, recreational use (including swimming pools), and other industrial or commercial uses; and

c. Heat air that is transferred to a building's conditioned space using mechanical systems such as fans or blowers either for heat or to induce air movement used for cooling.

2. Active solar thermal systems do not include systems that use heat for evaporative cooling.

(C) "Biomass system" means a system of apparatus and equipment for use in converting biomass material into fuel or electricity and transporting that energy by separate apparatus to the point of use or storage.

1. Materials that may be used to produce fuel or electricity are as follows:

a. material from a plant or tree; or

b. other organic matter that is available on a renewable basis, including:

i. slash and brush from forests and woodlands;

ii. animal waste;

iii. methane produced at landfills or as a byproduct of the treatment of wastewater residuals;

iv. aquatic plants; and

v. agricultural products.

2. A biomass system does not include:

a. A system that uses, black liquor, treated woods, or biomass from municipal solid waste other than methane produced at landfills or sewage treatment plants

b. A system that combusts biomass for the primary purpose of producing and using heat or mechanical energy.

3. In order to be considered a biomass system, a fuel or electricity producing system must use biomass as its primary source of energy.

(D) "Commercial energy system" means any active solar, passive solar, geothermal electricity, direct-use geothermal, geothermal heat-pump system, wind, hydroenergy, or biomass system used to supply energy to a commercial unit or as a commercial enterprise. In the case of systems generating electricity and involving multiple but interconnected energy generation systems, a commercial energy system includes all interconnected components that:

1. Were assembled or constructed at approximately the same time as part of a single project; and

2. Supply electricity to a common grid interconnection point.

This includes wind farms connecting to a single substation and biomass generating systems using multiple small generators. Such combinations of intertied generators are considered to be single energy systems for purposes of this rule.

(E) "Commercial tax credit" means the credits defined in Subsection 59-7-614(2)(b) and Section 59-10-1106 that provide tax credits worth 10% of the reasonable cost, up to $50,000, of a commercial energy system.

(F) "Commercial unit" means any building or structure that a business entity uses to transact its business. For purposes of the commercial investment tax credit, an agricultural water pump and a wind turbine are each considered to be single commercial units.

(G) "Direct use geothermal system" means a system of apparatus and equipment enabling the direct use of thermal energy, generally between 100 and 300 degree Fahrenheit, that is contained in the earth to meet energy needs, including heating a building, an industrial process, or aquaculture. Such systems generally make use of hot water or steam derived from wells bored through the earth's crust to reach areas of thermal energy. They may include systems that make use of groundwater or those that inject water into the earth for the purpose of deriving heat. They can also include systems that pump a heat exchanging fluid through a sealed, close loop system below the ground to extract heat for use above the earth's surface.

(H) "Eligible cost" means a cost that is reasonable as defined in this rule, that is incurred for the purchase or installation of a renewable energy system, and that may be used in computing the amount of either a commercial or residential investment tax credit.

(I) "Geothermal electricity system" means a system that uses thermal energy that flows outward from the earth as the sole source of energy for producing electricity.

(J) "Geothermal heat pump system" means a system of apparatus and equipment enabling use of the thermal properties contained in the earth well below 100 degrees Fahrenheit to help meet heating and cooling needs of a structure. For purposes of this rule, geothermal heat pump system means a system that is thermally coupled with the ground through a heat exchange medium or using mechanical heat exchange

equipment and that uses a "ground-source heat pump" technology described in the American Society of Heating, Refrigerating, and Air Conditioning Engineers' (ASHRAE) Applications Handbook, Chapter 32, or the Air Conditioning Heating and Refrigeration Institute (AHRI) Certified Product Directory, Page 4-8. This can include ground source heat pumps, water source heat pumps using ground water or surface water, and direct geoexchange heat pump systems.

(K) "Grid connected" describes a system that generates electricity and is electrically connected to an electrical load that is also connected to and served by the local utility's electrical grid. To be considered grid connected, a system needs be able to serve an electrical load that is also served by the local utility.

(L) "Heat transportation system" means all fans, vents, ducts, pipes and heat exchangers designed to move heat from a collection point to either the storage or heat use area.

(M) "Investment tax credit" means a tax credit authorized in any of the Sections 59-7-614, 59-10-1014, and 59-10-1106 and that is not a production tax credit.

(N) "Loaded structure" means a part of the building that provides support to that building.

(O) "Placed in commercial service" means the earliest point in time at which a commercial energy system:

1. Produces or is capable of producing at its maximum potential output; and

2. Sells all or some portion of its energy output or uses some portion its energy output for commercial activities located at the same site.

(P) "Passive solar system" means a direct thermal system that utilizes the structure of a building and its operable components to provide for collection, storage, and distribution of heating or cooling during the appropriate times of the year by utilizing the climate resources available at the site and includes those portions and components of a building that are expressly designed and required for the collection, storage, and distribution of solar energy.

(Q) "Production tax credit" means the credits defined in Subsections 59-7-614(2)(c) and 59-10-1106(2)(b) that provides 0.35 cents per kilowatt-hour of electricity produced for wind, geothermal, or biomass systems with production capacities of 660 kilowatts or greater.

(R) "Production tax credit window" means the period during which a company is eligible to receive production tax credits for a specific commercial energy system. The window begins on the day that the system is placed in commercial service and ends 48 months after that date.

(S) "Renewable energy system" means any of the following types of systems defined in Section 57-7-614, 57-10-1014, and 57-10-1106:

1. Active solar including solar thermal and photovoltaics;

2. Biomass except for systems combusting biomass for heat;

3. Direct-use geothermal;

4. Geothermal electricity

5. Geothermal heat pump;

6. Hydroenergy;

7. Passive solar for heating or cooling;

8. Wind.

(T) "Residential investment tax credit" means the credits defined in Subsection 59-7-614(2)(a) and Section 59-10-1014 that provide tax credits worth 25% of the reasonable cost up to $2,000 of a residential energy system.

(U) "Residential unit" means any house, condominium, apartment, or similar dwelling for a person or persons, but it does not include any vehicles such as motor homes, recreational vehicles, or house boats.

(V) "Solar PV energy system" means an active solar energy system that converts light to direct current electricity through the use of semiconducting materials and that is capable of producing electricity for use in a building by the use of an inverter to produce alternating current electricity.

(W) "Thermal storage mass" means a structure within the conditioned space consisting of a material with high thermal capacitance or mass to provide heat to the unit at times of low or no heat collection.

(X) "Ton" means heating and/or air conditioning capacity equivalent to 12,000 British thermal units (Btus).

(Y) "USEP" means that Utah State Energy Program, a subdivision of the Utah Geological Survey, which is responsible for certifying tax credits specified under this rule.

(Z) "Wind energy system" means a system of apparatus and equipment capable of intercepting and converting wind energy into mechanical or electrical energy and transferring these forms of energy by a separate apparatus to the point of use, sale, or storage.

(AA) "Solar surface" is a building wall which faces no more than 30 degrees away from true south measured in a horizontal plane.

R638-2-4. Investment Tax Credit Certification Process.

(A) The Utah State Energy Program (USEP), a subdivision of the UGS, is responsible for certifying renewable energy systems tax credits.

(B) Applications for credits are to be made on forms developed by USEP to gather information necessary to implement this rule.

(C) USEP will evaluate each application according to the definitions and criteria established by statute and by this rule. If the information contained within an application is inadequate to determine eligibility according to this rule, USEP reserves the right to request additional information from the applicant. If an applicant is unable or unwilling to provide adequate information, USEP may deny the application and no tax credit will be certified.

(D) If, after evaluating an application, USEP finds that a renewable energy system is eligible for a residential or commercial tax credit, USEP will complete a Utah State Tax Commission Form TC-40E that will serve as the taxpayer's documentation of eligibility for a tax credit. Only USEP may issue a completed TC-40E and a tax credit may not be claimed without such documentation.

(E) Upon the completion of USEP's evaluation of an application, USEP will provide to the applicant one of the following, as appropriate:

1. A completed TC-40E allowing the full amount of tax credit requested;

2. A completed TC-40E allowing a portion of the tax credit requested accompanied by a written explanation for the denial of the full requested amount; or

3. A letter informing the applicant that the request for a tax credit has been denied and providing an explanation for the denial.

(F) If USEP denies, in whole or in part, an application for a tax credit, the taxpayer applicant may, consistent with Section 63G-4-301 (Administrative Procedures Act), request that the decision be reviewed by the USEP manager. If, after review by the manager, the taxpayer desires a further appeal, he or she may request reconsideration of the decision by the director of UGS, consistent with Section 63G-4-302.

(G) All applications for credits under this rule shall provide the following information:

1. The true legal name of the person or persons seeking a tax credit;

2. The tax identification number or numbers of persons seeking a tax credit;

3. The physical address, plat number, or global positioning satellite (GPS) coordinates of the property where the system is installed. Location information must be sufficient to permit

USEP staff to locate the site for on-site verification of the information in the application.

4. A general description of the system, including technologies employed (e.g. wind, solar thermal), intended use, energy production capacity, cost, date of completed installation, and other information specified in this rule.

(H). Applications for residential and commercial tax credits must provide, either within an application form or provided as supporting documentation, each of the following:

1. Detailed diagrams of the system installed such that USEP staff, evaluating each proposal, can distinguish all major system components, how the system operates, and which components are eligible costs for computing the tax credit.

2. Photographs or copies of photographs that show major system components, how and where the system is installed, electrical interconnections with the power grid or other components of the electrical system at the taxpayer's home or business, and any other components of the renewable energy system that demonstrate that individual components are eligible costs under this rule. Photographs or copies of photographs should also demonstrate that a system is constructed in a safe and reliable manner.

3. Clear documentation of costs incurred for all components of the renewable energy system. Original or reproduced copies of all receipts or invoices should be provided and all invoices from contractors or equipment dealers must show that the invoiced amounts were paid by the taxpayer; otherwise, copies of canceled checks should be provided. Documentation should also include an itemized listing of all components of an installed system, including manufacturer and model numbers for major equipment components, the costs of all major components, and costs for labor, installation, and/or design. The sum of documentation provided should be sufficient to allow UGS to identify all eligible and ineligible costs and to determine whether such costs are reasonable. Applications that do not include a clear itemization of system costs will not be considered.

R638-2-5. Investment Tax Credit, Eligible Costs for Commercial and Residential Systems, General.

(A) Taxpayers applying for commercial investment tax credits are entitled to credits equal to 10% of the eligible costs of a renewable energy system up to a maximum of $50,000 for a commercial unit. This limit applies to the lifetime of the commercial unit. Taxpayers may apply for multiple credits for additional renewable energy systems or for expansions to the capacity of existing systems for the same commercial unit, however, the total of all credits awarded may not exceed $50,000 for any single commercial unit.

(B) Taxpayers applying for residential investment tax credits are entitled to credits equal to 25% of the eligible costs of a renewable energy system up to a maximum of $2,000 for a residential unit. This limit applies to the lifetime of the residential unit. Taxpayers may apply for multiple credits for additional renewable energy systems or for expansions to the capacity of existing systems for the same commercial unit, however, the total of all credits awarded may not exceed $2,000.

(C) Eligible costs for equipment are generally limited to system components that are both:

1. Necessary for the renewable energy system to produce energy and to deliver that energy for end-use; and

2. Are not system components that would be used for a conventional energy system fulfilling a similar role in delivering energy for end-use.

(D) Eligible costs for equipment are limited to new components only. Any component of the renewable energy system that has previously been used for any purpose is ineligible.

(E) Costs for equipment and installation of components on existing renewable energy systems are eligible only to the extent that the additional equipment increases the energy production capacity of the existing system. Costs for repair or replacement of any component of an existing system are ineligible for a tax credit.

(F) All major energy-producing, energy conversion, and energy storage components of a renewable energy system shall be commercially available and purpose-built or manufactured for the intended application. Major components built from equipment not manufactured or built primarily for the purpose of generating renewable energy are not eligible unless it can be demonstrated that the component is necessary to the system and that no commercially available, purpose-built or manufactured equivalent is available.

(G) Energy storage devices, and equipment for regulating energy storage, for renewable energy systems that produce electricity are not considered to be eligible costs when used at a residential or commercial unit that is either:

1. Connected to the electrical grid; or

2. Within the service territory of a retail electricity provider and is less than one-quarter mile from an electrical distribution line.

(H) Costs for the installation of a renewable energy system are eligible. Labor costs for installation are eligible so long as the taxpayer has paid a qualified installer or other contractor for services. Costs that may be claimed for the estimated value of a taxpayer's own labor are not considered to be eligible.

(I) Equipment and installation costs for backup energy production devices and any other energy production equipment that does not make use of a renewable energy source are not considered to be eligible costs.

(J) Costs for the design of a renewable energy system are generally eligible. However, in instances where design costs of a renewable energy system are included within the costs of a larger project (e.g. the design of a complete building), only the component of design costs specifically attributable to the design of the renewable energy system are eligible. Claims for design costs that do not separate eligible from ineligible costs will be deemed ineligible.

(K) Any portion of the cost of an eligible renewable energy system that is offset by a cash rebate from a manufacturer, vendor, installer, utility, or any other type of rebate shall be not be considered an eligible cost for the purpose of calculating residential or commercial tax credits. For purposes of this rule, utility rebates in the form of credits against bills are considered to be cash rebates and should be deducted from eligible costs. However, the amount of any federal tax credit received for an eligible system will not be deducted from the eligible cost when calculating the amount of Utah tax credits.

(L) USEP may, at its discretion, conduct an on-site inspection of a system applying for a commercial or residential tax credit. Applications for renewable energy systems that are found not to be in compliance with this rule or that are a variance with information provided in a tax credit application may be denied or the amount of the tax credit altered.

(M) Some renewable energy technologies have additional requirements for eligible costs that may be found in technology-specific sections of this rule, below.

R638-2-6. Investment Tax Credit, Eligible Costs for Commercial and Residential Systems, Active Solar Thermal.

(A) All eligible costs for active solar thermal energy systems must conform with Section R638-2-5, above. Active solar thermal energy systems must also meet the requirements in this Section.

(B) For purposes of determining eligible costs, an active solar thermal system ends at the interface between it and the conventional heating system. Eligible costs for a solar thermal

system are limited to components that would not normally be associated with a conventional hot water heating system. Eligible equipment costs include:

1. Solar collectors that transfer solar heat to water, a heat transfer fluid, or air;

2. Thermal storage devices such as tanks or heat sinks;

3. Ductwork, piping, fans, pumps and controls that move heat directly from solar collectors to storage or to the interface between the active solar thermal system and a building's conventional heating and cooling systems.

(C) Hot water storage tanks that have dual heat exchange capabilities allowing for the heating of water by both the active solar thermal system and by a nonrenewable energy source such as natural gas or electricity are eligible for tax credits. However only one half of the costs of purchasing and installing such tanks are eligible costs for the purposes of calculating a commercial or residential tax credit.

(D) In order to be eligible for residential or commercial tax credits, a solar collector that heats water must be certified and rated by the Solar Rating Certification Corporation (SRCC) according to SRCC Standard 100, "Test Methods and Minimum Standards for Certifying Solar Collectors."

(E) In order to be eligible for residential or commercial tax credits, an active solar thermal system installed after December 31, 2008 and that heats water must be certified and rated by the Solar Rating Certification Corporation (SRCC) according to SRCC Document OG-300, "Operating Guidelines and Minimum Standards for Certifying Solar Water Heating Systems." The applicant can demonstrate to USEP that the solar thermal system meets standards that are equivalent to those of the SRCC Document OG-300 by providing:

1. Detailed engineering design and performance data that show system performance, or

2. Certification from other recognized National or European solar thermal testing labs.

(F) In order to be eligible for a residential or commercial tax credit, the taxpayer applicant must demonstrate that a solar thermal energy system has been sited and installed appropriately in order to realize the maximum feasible energy efficiency for a given location. Specifically, the system should conform with the following:

1. Solar collectors shall be free of shade (vent pipes, trees, chimneys, etc.) and positioned accordingly so as to optimize the average annual solar ration values (kWh/M^2/day). Guidance for siting may be found at the National Renewable Energy Laboratory's (NREL) National Solar Radiation Database, which can be found at:

http://rredc.nrel.gov/solar/pubs/redbook/PDFs/UT.PDF;

2. Fixed, non-glazed collectors shall be:

a. Oriented within 45 degrees of true south if the fixed pitch is greater than 30 degrees from horizontal, or

b. Oriented within 90 degrees of true south if the fixed pitch is 30 degrees or less from horizontal.

3. Fixed, glazed collectors shall be:

a. 165 degrees and 225 degrees if the fixed pitch is greater than 30 degrees from horizontal, or

b. 165 degrees and 270 degrees if the fixed pitch is 30 degrees or less from horizontal.

(G) In order to be eligible for a residential or commercial tax credit, all solar hot water thermal systems shall be installed by one of the following licensed contractors:

1. A Utah licensed plumbing contractor (S210 license);

2. A Utah licensed solar hot water contractor (S215 license); or

3. A licensed contractor who has obtained written approval by the Utah Department of Occupational Licensing for the installation of solar hot water systems.

(H) In order to be eligible for a residential or commercial tax credit, an active solar thermal system must be certified for safety by one of the following:

1. A Utah licensed plumbing contractor (S210 license);

2. A Utah licensed solar hot water contractor (S215 license); or

3. A county or municipal building inspector licensed by the State of Utah.

Proof of this certification may be required on the tax credit application.

(I) For purposes of computing eligible costs for residential and commercial tax credits, the reasonable cost of a flat panel active solar thermal system is considered to be no higher than $0.15 per Btu/day of heat output for all eligible costs listed above and in Section R638-2-5 and prior to any cash rebates or incentives that the taxpayer may receive from a third party (such as a utility). The determination of heat output shall be based upon the ratings of the Solar Rating Certification Corporation (SRCC) "Summary of SRCC Certified Solar Collectors and Water Heating System Ratings" that is found at:

http://www.solar-rating.org/ratings/ratings.htm.

1. For a residential tax credit application with total pre-rebate eligible costs exceeding $0.15 per Btu/day of capacity, the amount of the tax credit shall be calculated as follows:

Tax credit granted = (($0.15 x rated output capacity in Btu/day) - rebates) x 0.25

2. For a commercial tax credit application with total eligible costs exceeding $0.15 per Btu/day, the amount of the tax credit shall be calculated as 10% of costs calculated as follows:

Tax credit granted = (($0.15 x rated output capacity in Btu/day) - rebates) x 0.10

3. If the cost of a flat panel active solar thermal system exceeds $0.15 per Btu/day of capacity due to unusual and/or unavoidable circumstances (such as a multi-story structure retrofit or difficult pipe chase and interconnection conditions) the taxpayer applicant may request that the reasonable cost limitation above be waived by USEP. In order to do so, the applicant must provide written documentation and explanation from the designer or installer of the system as to why the final system cost exceeded this limit. Granting of such a waiver will be at the discretion of USEP and UGS after investigation as to the validity of the waiver claim.

(J) For purposes of computing eligible costs for residential and commercial tax credits, the reasonable cost of an evacuated tube active solar thermal system is considered to be no higher than $0.27 per Btu/day of heat output for all eligible costs listed above and in Section R638-2-5 and prior to any cash rebates or incentives that the taxpayer may receive from a third party (such as a utility). The determination of heat output shall be based upon the ratings of the Solar Rating Certification Corporation (SRCC) "Summary of SRCC Certified Solar Collectors and Water Heating System Ratings" that is found at:

http://www.solar-rating.org/ratings/ratings.htm.

1. For a residential tax credit application with total pre-rebate eligible costs exceeding $0.27 per Btu/day of capacity, the amount of the tax credit shall be calculated as follows:

Tax credit granted = (($0.27 x rated output capacity in Btu/day) - rebates) x 0.25

2. For a commercial tax credit application with total eligible costs exceeding $0.27 per Btu/day, the amount of the tax credit shall be calculated as 10% of costs calculated as follows:

Tax credit granted = (($0.27 x rated output capacity in Btu/day) - rebates) x 0.10

3. If the cost of a flat panel solar thermal system exceeds $0.27 per Btu/day of capacity due to unusual and/or unavoidable circumstances (such as multi-story structure retrofit or difficult pipe chase and interconnection conditions) the taxpayer applicant may request that the reasonable cost limitation above be waived by USEP. In order to do so, the

applicant must provide written documentation and explanation from the designer or installer of the system as to why the final system cost exceeded this limit. Granting of such a waiver will be at the discretion of USEP and UGS after investigation as to the validity of the waiver claim.

R638-2-7. Investment Tax Credit, Eligible Costs for Commercial and Residential Systems, Solar PV (Photovoltaic).

(A) All eligible costs for solar PV energy systems must conform with Section R638-2-5, above. Solar PV energy systems must also meet the requirements in this Section.

(B) The costs of the following solar PV energy system components are eligible for residential or commercial tax credits:

1. Solar PV module(s);
2. Inverter;
3. Motors and other elements of a tracking array;
4. Mounting hardware;
5. Wiring and disconnects from modules to the inverter and from the inverter to the point of interconnection with the AC panel;
6. Lightning arrestors.

(C) The costs of additional components of solar PV energy systems are eligible for residential or commercial tax credits if the solar PV system is not grid connected and it provides electricity to a building or structure that is more than one quarter mile from a power distribution line operated by a retail electric utility provider. If these conditions are met, the following components are also eligible:

1. Batteries;
2. Battery wiring;
3. Charge controllers; and
4. Battery temperature sensors.

(D) The costs of solar PV modules are eligible for Utah tax credits only if they are:

1. Listed as eligible modules under the California Solar Initiative Program. A list of eligible modules may be found at the following site:

http://www.gosolarcalifornia.org/equipment/index.html; or

2. The applicant can demonstrate to USEP that the modules meet standards that are equivalent to those of the California Solar Initiative Program as of calendar year 2007.

(E) For grid connected solar PV systems, the cost of inverters are eligible for Utah tax credits only if:

1. They are also listed as eligible inverters under the California Solar Initiative Program. A list of eligible inverters may be found at the following site:

http://www.gosolarcalifornia.org/equipment/index.html; or

2. The applicant can demonstrate to USEP that the inverter meets standards that are equivalent to those of the California Solar Initiative Program as of calendar year 2007.

(F) Solar PV modules must be must be certified for safety by a Nationally Recognized Testing Laboratory and be warranted by the manufacturer to produce at least 80% of rated output after twenty years of operation.

(G) Inverters and charge controllers must be certified for safety by a Nationally Recognized Testing Laboratory and be warranted by the manufacturer against failure due to materials and workmanship for at least five years.

(F) All solar PV energy systems must be designed and installed consistent with the National Electric Code Article 690.

(G) Grid connected systems must meet all interconnection standards of the local electrical utility and must include with an application for a residential or commercial tax credit a copy of an interconnection or net metering agreement with the local electrical utility.

(H) The costs of system performance monitoring hardware and software are not eligible for residential or commercial tax credits. Grid connected backup power and monitoring systems such as Grid Point back-up power systems are not eligible for the tax credit with the exception that the inverter within such systems will be considered to carry a cost of $2,500 for the purpose of calculating the tax credit.

(I) In order to be eligible for a residential or commercial tax credit, the taxpayer applicant must demonstrate that a solar PV energy system has been sited and installed appropriately. Specifically, the system should be:

1. Located such that the solar modules are completely free of shade from trees and other plants, buildings, chimneys, vent pipes, utility poles, and other objects that would reduce system output for at least two-thirds of the daylight hours at the site;

2. Positioned so as to optimize the average annual solar radiation values (kWh/M^2/day). Guidance for siting may be found at the National Renewable Energy Laboratory's (NREL) National Solar Radiation Database (found at:

http://rredc.nrel.gov/solar/pubs/redbook/PDFs/UT.PDF);

3. Positioned such that the fixed solar array azimuth shall be oriented within:

a. 165 degrees and 225 degrees if the fixed pitch is greater than 30 degrees from horizontal, or

b. 165 degrees and 270 degrees if the fixed pitch is 30 degrees or less from horizontal.

(J) In order to be eligible for a residential or commercial tax credit, a solar PV energy system must be certified for safety by one of the following:

1. A Utah licensed electrical contractor (S200);
2. A Utah licensed solar photovoltaic contractor (S202);
3. A licensed contractor who has obtained written approval by the Utah Department of Occupational Licensing for the installation of solar PV systems; or
4. A county or municipal building inspector licensed by the State of Utah. Proof of this certification may be required on the tax credit application.

(K) For purposes of computing eligible costs for residential and commercial tax credits, the reasonable cost of a solar PV energy system that is grid connected or that provides electricity to a building or structure that is one quarter mile or less from a power distribution line operated by a retail electric utility provider is considered to be no higher than $10 per watt of rated output capacity for all eligible costs listed above and in Section R638-2-5 and prior to any cash rebates or incentives that the taxpayer may receive from a third party (such as a utility).

1. For a residential tax credit application with total pre-rebate eligible costs exceeding $10 per watt of capacity, the amount of the tax credit shall be calculated as follows:

Tax credit granted = (($10 x rated output capacity in watts) - rebates) x 0.25

2. For a commercial tax credit application with total eligible costs exceeding $10 per watt, the amount of the tax credit shall be calculated as 10% of costs calculated as follows:

Tax credit granted = (($10 x rated output capacity in watts) - rebates) x 0.10

(L) For purposes of computing eligible costs for residential and commercial tax credits, the reasonable cost of solar PV energy system that is not grid connected and that provides electricity to a building or structure that is more than one quarter mile from a power distribution line operated by a retail electric utility provider is considered to be no higher than $13 per watt of rated output capacity for all eligible costs listed above and in Section R638-2-5 and prior to any cash rebates or incentives that the taxpayer may receive from a third party (such as a utility).

1. For a residential tax credit application with total pre-rebate eligible costs exceeding $13 per watt of capacity, the amount of the tax credit shall be calculated as follows:

Tax credit granted = (($13 x rated output capacity in watts)

- rebates) x 0.25

2. For a commercial tax credit application with total eligible costs exceeding $13 per watt, the amount of the tax credit shall be calculated as 10% of costs calculated as follows:

Tax credit granted = (($13 x rated output capacity in watts) - rebates) x 0.10

R638-2-8. Investment Tax Credit, Eligible Costs for Commercial and Residential Systems, Passive Solar.

(A) An eligible passive solar system must be purposefully designed to use the structure of a building to collect, store, and distribute heating or cooling to a building and to do so at the appropriate season and time of day. (For example providing heat in winter or at night but not during summer days.) All passive solar systems should contain the following in order to be eligible:

1. A means to allow the solar energy to enter the system;
2. A heat-absorbing surface;
3. A thermal storage mass located within the conditioned space;
4. A heat transferral system or mechanism and;
5. Protection from summer overheating and excessive winter heat-loss.

A passive system must receive an average of at least four hours of sunlight per day during the winter months of December through March and shall be primarily south facing.

(B) Eligible costs for a passive solar system include the costs of the following:

1. Trombe wall;
2. Water wall;
3. Thermosyphon;
4. Equipment or building shell components providing direct heat gain; and
5. Any item that can be demonstrated to be a component of a purpose-built system to collect, store and transport heat from the sun. The cost of ventilation, fans, movable insulation, louvers, overhangs and other shading devices shall be eligible provided that they are designed to be used as an integral part of the passive solar system and not part of the conventional building design.

(C) The cost of a solarium is also considered to be eligible if it provides heat to the living space of the house in conjunction with a thermal storage mass and a forced or natural convection heat transportation design. Solariums must also be designed to prevent heat loss at night by means of insulation devices. They must also be designed so as to prevent summer heating that would increase the load on the building's cooling system.

(D) The cost of windows and other glazing devices are eligible only when they are part of a passive solar system that uses thermal mass storage and a passive or active heat transportation system to provide heating throughout the building. In addition, windows and other glazing devices are eligible only when they are oriented within 30 degrees of true south and when they are installed with shading devices or overhangs that prevent direct sun from entering the building in the summer while allowing direct sun in the winter. Windows and other glazing devices must also carry solar heat gain coefficient (SHGC) ratings of 0.50 or higher in order to allow sufficient amounts of heat into the building, but must carry a U-factor rating of 0.35 or less in order to provide sufficient insulation to the building.

(E) The cost of heat transportation systems shall be eligible provided they are part of the passive solar design and will not be used as part of a conventional heating system.

(F) Costs for the thermal storage mass of a passive solar system are eligible subject to the following:

1. For a non-loaded structure, 100% of the cost may be eligible;
2. For a loaded structure, 50% of the cost may be eligible;
3. Nothwithstanding (1) and (2) above, the cost of thermal storage mass may not exceed 30% of the total system cost against which a tax credit is calculated.

(G) No tax credit shall be given if USEP concludes that the passive solar system does not supply heating when needed or allows more heat loss than gain in the winter months or overheating in the summer months.

R638-2-9. Investment Tax Credit, Eligible Costs for Commercial and Residential Systems, Wind.

(A) All eligible costs for wind energy systems must conform with Section R638-2-5, above. Wind energy systems must also meet the requirements in this Section.

(B) Wind systems of 50 kilowatts generating capacity or less must include a wind turbine that is either:

1. Listed as eligible under the California Emerging Renewables Program in order to be eligible for a Utah commercial or residential tax credit. This list may be found at the following site: http://www.consumerenergycenter.org/cgi-bin/eligible_smallwind.cgi; or
2. The applicant can demonstrate to USEP that the turbine meets standards that are equivalent to those of the California Emerging Renewables Program as of calendar year 2007.

(C) Inverters and charge controllers must by certified for safety by a Nationally Recognized Testing Laboratory as meeting Underwriters Laboratory Standard 1741.

(D) All wind energy systems must be designed and installed consistent with the National Electric Code. Grid connected systems must also meet all interconnection standards of the local electrical utility. Applications for residential or commercial tax credits for grid-connected systems must include a copy of an interconnection or net metering agreement with the local electrical utility.

(E) In order to be eligible for a residential or commercial tax credit, the taxpayer applicant must demonstrate that a wind energy system has been sited and installed appropriately. Specifically, the system should be:

1. Installed such that the central tower or pole upon which the turbine is mounted is located a distance at least equal to one and one-half times the height of the tower or pole from any:
   a. Buildings;
   b. Utility poles or overhead utility lines;
   c. Fences, roads, or other structures outside of the boundaries of the taxpayer's property.
2. Installed such that wind flowing to the system is not obstructed or airflow diminished or turbulence created by nearby:
   a. Trees or other vegetation;
   b. Buildings and other structures;
   c. Hills, cliffs, or other topographical obstructions.

The photographs included with a wind energy system should include views of the system from all angles such that SEP can verify appropriate siting. SEP also reserves the right to conduct a site visit to verify appropriate siting.

(F). Wind turbines mounted on buildings are not eligible unless it can be demonstrated by a professional engineer that the building's soundness and structural integrity are not compromised by the wind energy system and that the attachments of the system to the building are sufficient to withstand the most extreme local weather conditions.

(G) Wind energy systems must include lightning protection to be eligible for residential or commercial tax credits.

(H) Wind turbines must be covered by a manufacturer's warranty that guarantees against defects in design, material, and workmanship for at least five years after installation under normal use in a wind energy system.

(I) In order to be eligible for a residential or commercial tax credit, a wind energy system must comply with all local

building or zoning ordinances. Copies of any required permits should be included with the tax credit application.

(J) In order to be eligible for a residential or commercial tax credit, a wind energy system must be certified for electrical safety by either:

1. A professional electrician licensed by the State of Utah;

2. A county or municipal building inspector licensed by the State of Utah.

Proof of this certification may be required with the tax credit application.

(K) For purposes of computing eligible costs for residential and commercial tax credits, the reasonable cost of a wind energy system is considered to be no higher than $8 per watt of rated output capacity for all eligible costs listed above and in Section R638-2-5 and prior to any cash rebates or incentives that the taxpayer may receive from a third party (such as a utility).

1. For a residential tax credit application with total pre-rebate eligible costs exceeding $5 per watt of capacity, the amount of the tax credit shall be calculated as follows:

Tax credit granted = (($8 x rated output capacity in watts) - rebates) x 0.25

2. For a commercial tax credit application with total eligible costs exceeding $8 per watt, the amount of the tax credit shall be calculated as 10% of costs calculated as follows:

Tax credit granted = (($8 x rated output capacity in watts) - rebates) x 0.10

R638-2-10. Investment Tax Credit, Eligible Costs for Commercial and Residential Systems, Geothermal Heat Pumps.

(A) All eligible costs for geothermal heat pump systems must conform with Section R638-2-5, above. Geothermal heat pump systems must also meet the requirements in this Section.

(B) In order to be eligible for residential or commercial tax credits, a geothermal heat pump system employed to heat and/or cool a building must derive at least 75% of the heating and cooling from the ground. Systems that provide more than an insignificant amount of energy to the building using combustion, cooling towers, air-source heat pumps, or any other mechanism not involving thermal ground coupling are not eligible.

(C) In order to be eligible for residential or commercial tax credits, a geothermal heat pump system must conform with the design and practice guidelines described in the American Society of Heating, Refrigerating, and Air Conditioning Engineers' (ASHRAE) Applications Handbook, Chapter 32, or Air Conditioning Heating and Refrigeration Institute (AHRI) Certified Product Directory, Page 4-8.

(D) In order to be eligible for residential or commercial tax credits, a geothermal heat pump system must have been designed by either:

1. A professional engineer licensed in Utah;

2. A person designated as a "Certified GeoExchange Designer" by the Association of Energy Engineers; or

3. A person designated as a "Certified Energy Manager" by the Association of Energy Engineers; or

4. For geothermal heat pump systems installed in a residential unit only, a person designated as an "Accredited Installer" by the International Ground Source Heat Pump Association (IGSHPA).

5. For direct geoexchange systems, a person designated as a certified designer by an AHRI accredited direct geoexchange systems manufacturer.

Proof of designer qualification may be required on the tax credit application.

(E) In order to be eligible for residential or commercial tax credits, a geothermal heat pump system must have been installed by a plumber licensed (S210) or HVAC contractor (S350) in the State of Utah or by an installer certified by the International Ground Source Heat Pump Association (IGSHPA). Proof of installer qualification may be required on the tax credit application.

(F) In the case of a system using a vertical bore (either ground source or water source), drilling must be performed by a water well driller licensed by the Utah Division of Water Rights. Wells drilled for a vertical bore must also obtain a provisional well approval from the Utah Division of Water Rights, Department of Natural Resources. Proof of driller qualifications and well approval may be required on the tax credit application.

(G) Costs incurred for the drilling of wells or excavating trenches are eligible if actually used within the final system for the exchange of heat with the ground. The cost of exploratory wells or trenches that are not used within the final system are not eligible.

(H) Design costs for a geothermal heat pump system are eligible but only for the components of the system that would not normally be associated with a conventional heating and air conditioning system. Tax credit applications should separate design costs for the geothermal and conventional components of the system.

(I) For closed loop systems (both ground source and water source), the heat exchanging pipe loop shall be warranted by the installer against leakage or breakage for not less than three years from the date of installation.

(J) For purposes of computing eligible costs for residential and commercial tax credits, the reasonable cost of a geothermal heat pump system is considered to be no higher than $4,000 per ton of output capacity for all eligible costs listed above and in Section R638-2-5 and prior to any cash rebates or incentives that the taxpayer may receive from a third party (such as a utility).

1. For a residential tax credit application with total pre-rebate eligible costs exceeding $4,000 per ton of capacity, the amount of the tax credit shall be calculated as follows:

Tax credit granted = (($4,000 x rated output capacity in tons) - rebates) x 0.25

2. For a commercial tax credit application with total eligible costs exceeding $4,000 per ton, the amount of the tax credit shall be calculated as 10% of costs calculated as follows:

Tax credit granted = (($4,000 x rated output capacity in tons) - rebates) x 0.10

3. If the cost of a geothermal heat pump system exceeds $4,000 per ton of capacity due to unusual and/or unavoidable circumstances (such as poor soil or drilling conditions) the taxpayer applicant may request that the reasonable cost limitation above be waived by USEP. In order to do so, the applicant must provide written documentation and explanation from the designer or installer of the system as to why the final system cost exceeded this limit. Granting of such a waiver will be at the discretion of USEP and UGS after investigation as to the validity of the waiver claim.

R638-2-11. Investment Tax Credit, Eligible Costs for Commercial Systems and Residential Systems, Geothermal Electricity.

(A) All eligible costs for geothermal electric systems must conform with Section R638-2-5, above. Geothermal electric systems must also meet the requirements in this Section.

(B) Eligible equipment costs for a geothermal electrical system are limited to components up to the point of interconnection with AC service when powering a building, or up to the point of interconnection with the electrical grid for system intended solely for the sale of power. Eligible equipment costs include production and injection wells and well casings, wellhead pumps, and turbine generators. In addition, flash tanks (flash steam systems), heat exchangers (binary cycle

systems), condensers, cooling towers, associated wiring and disconnects, and associated pumps are eligible.

(C) Design costs for a geothermal electrical system are eligible but only for the cost of integrating the eligible components of the system that are listed in (B) above. Tax credit applications should separate design costs for the geothermal and conventional components of the system.

(D) Costs for studies to characterize a geothermal resource are eligible so long as a final system using the geothermal resource is build and placed into operation.

(E) Costs incurred for the drilling of wells are eligible if such wells are actually used (whether for withdrawal or reinjection of water) within the final geothermal electrical system. The cost of exploratory wells that are not used within the final system are not eligible.

(F) In the case of a system that includes any well greater than 30 feet in depth, any drilling must be performed by a water well driller licensed by the Utah Division of Water Rights. All such wells, whether water is returned to the ground through a recharge well or used or discharged at the surface, require an approved water right certification issued by the Utah state engineer in the Division of Water Rights, Department of Natural Resources. Proof of driller qualifications and well right may be required on the tax credit application.

(G) In order to be eligible for residential or commercial tax credits, a geothermal heat pump system must have been designed by either:

1. A professional engineer licensed in Utah; or
2. A person designated as a "Certified Energy Manager" by the Association of Energy Engineers.

Proof of designer qualification may be required on the tax credit application.

(H) In order to be eligible for a residential or commercial tax credit, a geothermal electricity system must be certified for safety by either:

1. A professional electrician licensed by the State of Utah;
2. A county or municipal building inspector licensed by the State of Utah.

Proof of this certification may be required with the tax credit application.

R638-2-12. Investment Tax Credit, Eligible Costs for Commercial and Residential Systems, Direct Use Geothermal.

(A) All eligible costs for direct use geothermal systems must conform with Section R638-2-5, above. Direct use geothermal systems must also meet the requirements in this Section.

(B) Eligible costs for a direct use geothermal system are limited to components that would not normally be associated with a conventional hot water heating system. Eligible equipment costs include wells and well casings, wellhead pumps, and heat exchangers where well water is not directly used within a building or a manufacturer's heating system. Equipment and components beyond the wellhead or, where applicable, a heat exchanger, are not eligible. However, water treatment equipment that would permit the direct use of well water within a heating system, is considered eligible.

(C) Design costs for a direct use geothermal system are eligible but only for the components of the system that would not normally be associated with a conventional hot water heating system. Tax credit applications should separate design costs for the geothermal and conventional components of the system.

(D) Costs for studies to characterize a geothermal resource are eligible so long as a final system using the geothermal resource is build and placed into operation.

(E) Costs incurred for the drilling of wells are eligible if such wells are actually used (whether for withdrawal or reinjection of water) within the final direct use geothermal system. The cost of exploratory wells that are not used within the final system are not eligible.

(F) In the case of a system that includes any well greater than 30 feet in depth, any drilling must be performed by a water well driller licensed by the Utah Division of Water Rights. All such wells, whether water is returned to the ground through a recharge well or used or discharged at the surface, require an approved water right certification issued by the Utah state engineer in the Division of Water Rights, Department of Natural Resources. Proof of driller qualifications and well right may be required on the tax credit application.

R638-2-13. Investment Tax Credit, Eligible Costs for Commercial and Residential Systems, Hydroenergy.

(A) All eligible costs for hydroenergy systems must conform with Section R638-2-5, above. Hydroenergy systems must also meet the requirements in this Section.

(B) Eligible equipment costs for a hydroenergy system are limited to components up to the point of interconnection with AC service when powering a building, or up to the point of interconnection with the electrical grid for systems intended solely for the sale of power. The costs of the following hydroenergy system components are eligible for residential or commercial tax credits:

1. Turbine;
2. Generator;
3. Rectifier;
4. Inverter;
5. Penstocks;
6. Penstock ventilation;
7. Buck and boost transformer;
8. Valves;
9. Drains;
10. Diversion structures (with the exception of storage dams, fish facilities, and canals);
11. Screened intake device; and
12. Wiring and disconnects from generator to the inverter and from the inverter to the point of interconnection with the AC panel.

(C) The costs of additional components of hydroenergy systems are eligible for residential or commercial tax credits if the hydroenergy system is not grid connected and it provides electricity to a building or structure that is more than one quarter mile from a power distribution line operated by a retail electric utility provider. If these conditions are met, the following components are also eligible:

1. Batteries and necessary wiring and disconnects;
2. Battery temperature sensors;
3. Charge controller and necessary wiring and disconnects;
4. Electric load governor and necessary wiring and disconnects.

(D) In order to be eligible for a residential or commercial tax credit, a hydroenergy system must be certified for safety by either:

1. A professional electrician licensed by the State of Utah;
2. A county or municipal building inspector licensed by the State of Utah.

Proof of this certification may be required with the tax credit application.

R638-2-14. Investment Tax Credit, Eligible Costs for Commercial and Residential Systems, Biomass.

(A) All eligible costs for biomass systems must conform with Section R638-2-5, above. Biomass systems must also meet the requirements in this Section.

(B) Eligible costs for biomass systems do not include the cost of equipment or labor for the growing or harvesting of biomass materials, nor the storage of biomass materials at a

location separate from the facility at which electricity or fuel will be produced. It also does not include the cost of transporting biomass materials to the facility where electricity or fuel will be produced.

(C) For biomass systems that produce fuels, eligible system costs include the costs of equipment to receive, handle, collect, condition, store, process, and convert biomass materials into fuels at the processing site.

(D) For biomass systems that that use biomass as the sole fuel for producing electricity, the following are eligible equipment costs:

1. Systems for collecting and transporting methane from a digester or landfill;

2. On-site systems or facilities for collecting biomass that will be used in a digester or boiler;

3. Equipment necessary to prepare biomass for use as a fuel (e.g. driers, chippers);

4. Engines or turbines used to power generators;

5. Generators;

6. Inverters;

7. Wiring and disconnects from the generator to the inverter and from the inverter to the point of interconnection with the AC panel.

(F) Grid connected systems must meet all interconnection standards of the local electrical utility and must include with an application for a residential or commercial tax credit a copy of an interconnection or net metering agreement with the local electrical utility.

(G) In order to be eligible for residential or commercial tax credits, a biomass system that produces electricity must have been designed by either:

1. A professional engineer licensed in Utah; or

2. A person designated as a "Certified Energy Manager" by the Association of Energy Engineers.

Proof of designer qualification may be required on the tax credit application.

(H) In order to be eligible for a residential or commercial tax credit, a biomass system must be certified for safety by either:

1. A professional electrician licensed by the State of Utah;

2. A county or municipal building inspector licensed by the State of Utah.

Proof of this certification may be required with the tax credit application.

R638-2-15. Certification of Production Tax Credit Eligibility.

(A) Businesses seeking to claim production tax credits must first apply to USEP for certification that a commercial energy system has been installed, is a viable energy production system, and meets all other relevant requirements of Sections 59-7-614 and 59-10-1106. Such certification shall be sought within the first six months of the system being placed into commercial service.

(B) Eligibility for production tax credits is limited to commercial energy systems that are also any of the following:

1. Biomass systems;

2. Wind energy systems; or

3. Geothermal electricity systems.

In addition, the name plate capacity of any system seeking production tax credits must be 660 kilowatts or greater. Electricity produced by the system must either be used by the business seeking a production tax credit or sold in order to be eligible for credits.

(C) Businesses may request certification by providing the following to USEP:

1. A written request for certification of a commercial energy system for eligibility to receive a production tax credit;

2. Information about the company seeking certification, including legal name, type of legal entity, address, telephone number, and the name and telephone number of a contact person regarding the request;

3. A description of the commercial energy system including the type of facility, total nameplate capacity, the methods to be used to produce fuel or electricity, and a list of major fuel or electricity producing components. Systems generating electricity should also provide the number, manufacturer, and model number of generating turbines to be used;

4. Information on the location of the commercial energy system sufficient to permit site inspection by USEP staff. For wind farms this should include a map of the turbine layout. For geothermal systems this should include a map showing production and injection wells along with the location of the generating turbine or turbines;

5. Photographs of key and/or representative components of the commercial energy system;

6. Projected annual electricity production in kilowatt hours for the commercial energy system once it has entered commercial service;

7. The date on which the commercial energy system entered or is expected to enter commercial service.

(D) A business requesting certification for production tax credits must also include with its request information on ownership of the commercial energy system. If the business seeking tax credit certification leases the commercial energy system, it must provide with its request evidence that the lessor of the system has irrevocably elected not to claim production tax credits for the system.

(E) If a business plans to claim production tax credits for electricity that is used and not sold, it must install a separate metering system to measure the electricity production of the commercial energy system. Such metering should be unidirectional, tamperproof, and should measure only the electricity production attributable to the commercial energy system. The meter must also measure net electricity from the system (i.e. gross electricity from the generator minus any electricity used to operate the system itself).

(F) Upon receipt of a request for certification, USEP staff will assess whether the commercial energy system applying for production tax credit certification is a viable system and whether the system has been completely installed. USEP may request that a field inspection take place to verify information in the certification request and to ensure that the system conforms with the requirements of Section 59-7-614 and with this rule.

(G) USEP will respond to a request for certification of eligibility for production tax credits within sixty days of receipt. However, if incomplete information is received or permission for field inspection has not been granted after sixty days, USEP will have an additional 30 days after receipt of complete information and/or field inspection to respond positively or negatively to a certification request.

(H) Consistent with Title 63G, Chapter 4 (Administrative Procedures Act), upon its decision to grant or deny a certification request, USEP will inform the requesting company in writing of its decision. A copy of the written decision will also be provided to the Utah State Tax Commission in order to document the company's eligibility to claim production tax credits on future tax returns.

R638-2-16. Granting of Production Tax Credits.

(A) In order for a company to be granted production tax credits on a return filed under Chapter 59, Chapter 7, Corporate Franchise and Income Taxes, or Chapter 10, Individual Income Tax Act, USEP must validate the amount of tax credits the company may claim for each commercial energy system. In order to claims to be validated, the company must submit to USEP information regarding the following:

1. The date that the commercial energy system first entered commercial service;

2. The beginning and ending dates of the company's tax year;

3. The number of kilowatt hours produced by the system that were sold or used during the company's tax year and that were also used or sold within the system's production tax credit window.

All such information will be provided on a standard claim form created by USEP.

(B) For purposes of validating the number of kilowatt hours sold, the company should also submit to USEP invoices or other information that documents that number of kilowatt hours of electricity sold.

(C) For purposes of validating the number of kilowatt hours produced and used, the company should submit monthly readings from the meter used to measure the net output of the commercial energy system. USEP will retain the right to site inspect the system and meter to validate that the readings provided are true and accurate.

(D) Once it has received a production tax credit claim from a company, USEP will make a determination as to:

1. Whether the information provided conforms with this rule and is complete;

2. Whether the number of kilowatt hours claimed appears to be feasible and accurate;

3. The number of kilowatts deemed to be valid;

4. The amount of tax credit that the company may claim on its corporate income tax return. This amount will equal 0.35 cents per each validated kilowatt hour of electricity used or sold during the company's tax year and within the systems production tax credit window.

(E) A company claiming a production tax credit must submit the information specified above to USEP on or before the date the tax return on which the credit is claimed is required to be filed with the State Tax Commission. Once USEP has received complete information necessary to validate a production tax credit claim, it will provide to the company a completed validation form (to be created by either USEP or the Utah State Tax Commission) within thirty days. The form will specify the validated number of kilowatt hours that are eligible for credit and the amount (in dollars) of production tax credits that the company may claim for the commercial energy system for that tax year.

(F) If USEP denies, in whole or in part, an application for a tax credit, the taxpayer applicant may, consistent with Section 63G-4-301 (Administrative Procedures Act), request that the decision be reviewed by the USEP manager. If, after review by the manager, the taxpayer desires a further appeal, he or she may request reconsideration of the decision by the director of UGS, consistent with Section 63G-4-302.

(G) Information submitted by an applicant under this section for validating a production tax credit claim will be classified as protected information under UC 63G-2-305)(1) and/or UC 63G-2-305(2) when the applicant provides USEP with a written claim of confidentiality and a concise statement supporting the claim, consistent with UC 63G-2-309(1)(a)(i). USEP shall provide the opportunity to make such a claim on the standard form referenced in subsection (A) above.

KEY: energy, renewable, tax credits, solar
April 6, 2009 **59-7-614**
59-10-1014
59-10-1106

R638. Natural Resources, Geological Survey.
R638-3. Energy Efficiency Fund.
R638-3-1. Purpose.

This rule is for the purposes of

A. Conducting the responsibilities assigned to the Board of the Utah Geological Survey (UGS) and the State Energy Program (SEP) in managing the Energy Efficiency Fund and implementing the associated loan program established in Utah Code Section 53A-20c-102; and

B. Establishing requirements for eligibility for loans from the Energy Efficiency Fund, procedures for accepting, evaluating, and prioritizing applications for loans, and the terms and conditions for loans.

R638-3-2. Authority.

Pursuant to Utah Code Section 53A-20c-102, the UGS board shall make rules establishing criteria, procedures, priorities, and conditions for the award of loans from the Energy Efficiency Fund.

R638-3-3. Definitions.

A. "Board" means the Board of the Utah Geological Survey.

B. "Energy" means, for the purposes of this rule, electricity, natural gas or other methane, fuel oil, coal, or propane that is used by a school district to operate a building's electrical devices, lighting, heating and cooling systems, and other equipment necessary for the building's operation.

C. "Energy cost payback" means the period of time, generally expressed in years, that is needed for the energy cost savings of an energy efficiency project to equal the cost of the energy efficiency project. It does not include the time-value of money and is sometimes referred to as simple payback.

D. "Energy cost savings" means the monetary value to a school district of the energy that is saved or is not consumed as a result of an energy efficiency project and is generally stated on an annual cost savings basis. This value is measured based upon the current cost per unit of the energy source or sources used by the building at which an energy efficiency project is to take place.

E. "Energy efficiency project" means

1. For existing buildings, a retrofit to improve energy efficiency; or

2. For new buildings, an enhancement to improve energy efficiency beyond the minimum required by the energy code.

3. It does not mean

a. The repair of existing buildings or equipment;

b. Projects that save money through the switching of fuels, energy sources, or vendors;

c. Projects or measures intended to save money by changing the time of day or year at which energy is consumed (i.e. thermal energy storage or other peak demand reduction systems); or

d. Upgrades to non-fixed appliances or equipment within a building such as computers, copiers, and other systems.

F. "Energy savings" means the combined value, in British thermal units (Btu's), of all energy sources saved or not consumed as a result of an energy efficiency project. For purposes of this rule, the following conversion factors are used in calculating the total energy savings:

1. Electricity - One kilowatt hour = 10,495 Btu's.

2. Natural gas or methane - One therm = 100,000 Btu's.

3. Natural gas or methane - One cubic foot = 1,030 Btu's.

4. Fuel oil - One gallon = 138,690 Btu's.

5. Coal - One pound = 11,580 Btu's.

6. Propane - One gallon = 91,333 Btu's.

G. "Fund" means the Energy Efficiency Fund established by Utah Code Section 53A-20c-102.

H. "Utah Energy Code" means the most-recent edition of the International Energy Conservation Code currently in effect within the State of Utah and as incorporated and amended by Utah Rule 156.56 (Utah Uniform Building Standard Act Rules).

I. "Quarter" means a three month period beginning with one of the following dates: January 1, April 1, July 1, and October 1.

J. "SEP" means the State Energy Program, a subdivision of the Utah Geological Survey, which is required by Utah Code 53A-20c-102 to serve as staff to the revolving loan program associated with the Energy Efficiency Fund.

K. "UGS" means the Utah Geological Survey.

R638-3-4. Eligibility of Projects for Loans.

A. Eligibility for loans from the Fund is limited to school districts within the state of Utah.

B. Loans may be used only by school districts to fully or partially finance energy efficiency projects within buildings owned and operated by the school district.

C. For energy efficiency projects involving renovation, upgrade, or improvement of existing buildings, the following project measures are eligible for loan financing from the Fund:

1. Building exterior weatherization, air sealing, or thermal efficiency;

2. Increase or improvement in building insulation;

3. Door, window, or skylight upgrades;

4. Lighting technology upgrades, or reduction of the number of fixtures;

5. Heating, ventilation, and air conditioning (HVAC) replacements or upgrades;

6. Improvements to energy control systems;

7. Other energy efficiency projects that a school district can demonstrate will result in a significant reduction in the consumption of energy within a building.

D. An energy efficiency project can be eligible as part of a new building construction if the following conditions are met:

1. The building measure or system for which a loan is sought must surpass the minimum prescriptive requirements of the Utah Energy Code; and

2. The completed building must exceed the minimum energy performance standards of the Utah Energy Code for its building type by at least 10%.

E. There is no limit to the total number of loans a single school district may receive from the Fund, however, no school district may receive a loan that would cause the sum of its outstanding loan balances to exceed $500,000.

F. An energy efficiency project is eligible for a loan only if the total amount of funds awarded to the project are repaid in a term of more than two and less than twelve years.

R638-3-5. Eligible Costs.

A. This section defines the specific costs incurred by an energy efficiency project that are eligible for financing from the Fund.

B. The following direct costs of an energy efficiency project may be eligible for financing, subject to the remaining conditions of this section:

1. Building materials;

2. Doors, windows, and skylights;

3. Mechanical systems and components including HVAC and hot water;

4. Electrical systems and components including lighting and energy management systems.

5. Labor necessary for the construction or installation of the energy efficiency project;

6. Design and planning of the energy efficiency project;

7. Energy audits that identify measures that are included in the energy efficiency project;

8. Commissioning, inspections or certifications necessary for implementing the energy efficiency project.

C. The following costs are not eligible for financing from the Fund:

1. The costs of a construction or renovation project that are not directly related to energy efficiency measures;

2. Costs incurred for the acquisition of financing for the project;

3. Costs for equipment or systems that reduce energy costs without also resulting in reductions in the use of energy.

D. In cases for which the school district receives a financial incentive or rebate from a utility or other third party for undertaking some or all of the measures in an energy efficiency project, such incentives or rebates are to be deducted from the costs that are eligible for financing from the Fund. No loans made from the Fund may exceed the final cost incurred by the school district for the project after third party financing.

E. For an energy efficiency project undertaken as part of a new building construction, only the incremental cost of the project is eligible. For purposes of this section, incremental cost means the portion of the overall cost of a measure or system that exceeds the cost that would have been incurred by meeting the minimum prescriptive requirements of the Utah Energy Code.

F. For an energy efficiency project undertaken as part of the renovation of an existing building, building components or systems that are covered by the prescriptive requirements of the Utah Energy Code must exceed the minimum Utah Energy Code requirements in order for their costs to be eligible for a loan from the Fund.

R638-3-6. Loan Application Process.

A. The Board shall receive and evaluate applications for loans from the Fund on a rolling basis as complete proposals are developed in conjunction with SEP staff.

B. School districts interested in applying for a loan should first contact SEP. SEP staff will consult or meet with school district staff to make an initial assessment of the strength or weakness of a proposed project. SEP staff may also choose to conduct a site visit of the proposed project location prior to an application. SEP staff shall engage with school districts in a pre-application process evaluating potential project measures and preparing applications. Final applications shall be checked for completeness and eligibility by SEP staff prior to submission to the Board.

C. Applications for loans will be made using forms developed by SEP. Application forms shall require that the following information be provided by the school district:

1. Identification of school district personnel responsible for financial authority and project management;

2. Name and location of the building or buildings where the energy efficiency project will take place;

3. A description of the energy efficiency project to be undertaken, including existing conditions, specific measures to be undertaken, the cost or incremental cost of each measure, and the equipment or building materials to be installed;

4. Projected or estimated energy savings that result from each measure undertaken as part of the project;

5. Projected or estimated energy cost savings from each measure undertaken as part of the project;

6. Appendices providing supplemental information detailing the extent of school district commitment to the project (i.e. special needs, prior investments, existing audit/design documents) or descriptions of any additional community or environmental benefits that may result from the project.

D. The Board shall establish a Review Committee to provide in-depth evaluation of loan applications. The Committee must consist of at least the following:

1. The SEP Manager;

2. An SEP technical specialist chosen by the SEP Manager;

3. The UGS Associate Director;

4. One member of the Board selected by the Board for a two year renewable term;

5. A representative of the Utah Office of Education approved by the Board for a two year renewable term.

Other members may be designated at the discretion of the Board.

E. When SEP has deemed that an application is complete and that the proposed project complies with this rule, the application will be forwarded to the Review Committee for its evaluation.

F. The Review Committee will review and discuss the merits of each application in light of all materials submitted by the school district and technical analysis undertaken by SEP staff. After discussion of each application, Review Committee members will evaluate each according to the following criteria and scoring:

1. The feasibility and practicality of the project (maximum 30 points);

2. The projected energy cost payback period of the project (maximum 20 points);

3. The energy savings and energy cost savings attributable to the project (maximum 30 points);

4. Any supplemental information contained in the appendices or available to the Review Committee through the Utah State Office of Education (i.e. school district finances and enrollment) (maximum 20 points).

A separate score sheet will be completed by each Review Committee member for each application under consideration.

G. The Review Committee will compile the scores of each of its members for each application. Based upon the compiled scores of all members, the Committee will make recommendations to the Board for the funding of energy efficiency projects. For applications that receive an average score of less than 70 points, the Review Committee shall recommend that the Board not provide a loan from the Fund. Applications receiving an average score over 70 will normally be recommended for funding. However, if the current balance of the fund does not permit for the funding of all projects with an average score over 70, the Review Committee will recommend, beginning with the highest scoring application and working downward in score, those applications that may be funded given the current balance of the Fund.

H. The Review Committee provides advice and recommendations to the Board. It is not vested with the authority to make decisions regarding the public's business in connection with the Fund. The Board is the decision making authority with regard to the award of loans from the Fund.

I. Based upon the Review Committee's evaluations and recommendations, SEP will prepare a memorandum for the Board that will

1. Provide a brief description of each project reviewed by the Review Committee;

2. List estimates of energy savings, energy cost savings and simple paybacks.

3. Specify projects recommended for funding and those not recommended for funding;

4. Provide a brief explanation of the Review Committee's rationale for each application that is not recommended for funding.

J. The Board can approve or deny loans through electronic correspondence if a majority of the quorum is in favor.

K. When considering Loan applications, the Board may modify the dollar amount or project scope for approved projects if the Board determines that individual measures included in a project do not meet the requirements of this rule, are not cost effective, or that funds could better be used for funding of other projects.

R638-3-7. Loan Terms.

A. The maximum amount that may be approved by the Board for any single energy efficiency project is $250,000. The minimum amount that may be approved is $5,000.

B. No school district may receive a loan that would cause the sum of its outstanding loan balances to exceed $500,000.

C. The final value of any loan may vary from the Board-approved amount according to the actual incursion of costs by the school district. In cases where costs have exceeded those presented in the initial application, a school district may request that the Board increase its loan award, subject to the limitations of subsections (A) and (B) above.

D. After approval of a loan application by the Board, a school district has one year in which to complete the energy efficiency project. If at the end of one year a school district is unable to meet this time limitation, it may request an extension from the Board of no more than six additional months.

E. Loan amounts from the Fund will be encumbered in an escrow account for periodic disbursement at the discretion of the school district-appointed project manager (designated in loan application form, see R638-3-6.C1), with invoices of the expenditures documented in each quarterly progress report, and the final 10% withheld pending a determination of substantial completion by SEP.

F. Once a project has been completed, the school district shall provide to SEP documentation of actual costs incurred, such as invoices from contractors, as well as information on any third party financial incentives received. SEP will use this information to determine the actual cost of the project measures approved by the Board.

G. The final loan amount will be equal to actual costs incurred for the project minus the value of any third party incentives received unless

1. This amount exceeds $250,000, in which case the amount of the loan will be set at $250,000; or

2. This amount exceeds the amount approved by the Board, in which case the loan amount will be set at the amount originally approved by the Board; or

3. This amount exceeds the amount approved by the Board and the Board increases the loan award at the request of the school district.

H. No interest will be charged to school districts receiving loans for energy efficiency projects from the Fund.

I. An administrative fee may be charged to loan recipients to defray the cost of servicing loan accounts.

J. Loan repayment periods will be set to any term desired by the applicant between two and twelve years. The loan repayment period for a specific energy efficiency project begins with the first day of the next quarter after all of the loan funds have been disbursed.

K. Loan repayments will be due at the beginning of each quarter.

L. Quarterly loan repayment amounts will be calculated as follows:

(Total loan amount + (annual administrative fee x loan repayment period) / loan repayment period) / 4.

M. School districts that are approved for a loan award will enter into a contract with SEP that specifies all terms applying to the loan, including the terms specified in this rule and standard contract terms for contracts and loans currently in effect for the State of Utah.

R638-3-8. Reporting and Site Visits.

A. In the period between Board approval and project completion, the school district shall complete and provide to SEP a report at the beginning of each quarter. The report shall include information on the school district's progress in completing the energy efficiency project, its most-current estimate for the time of project completion, what proportion of the loan award has been disbursed in the quarter and total to date, and any notable problems or changes in the project since Board approval such as construction delays or cost overruns.

B. If a school district fails to submit the quarterly reports described in subsection (A) above, the Board may freeze the remainder of the loan award escrow account.

C. After loan funds have been completely disbursed, the school district shall complete and provide to SEP annual reports due at the beginning of the calendar quarter in which the anniversary of the loan repayment period began. This report shall include the following:

1. A description of the performance of the building and of the performance of the measures included in the energy efficiency project;

2. A description of any notable problems that have occurred with the building or the project;

3. A description of any notable changes to the building or to its operations that would cause a significant change in its energy consumption;

4. Documentation of building energy consumption and cost in the prior year.

Annual reports shall be provided for either the first four years after project completion or for each year of the repayment period, whichever is longer.

D. If a school district fails to submit the annual reports described in subsection (C) above, the Board may bar the school district from eligibility for future loans from the Fund

E. Approximately one year after project completion, SEP staff will conduct a site visit to the location of the energy efficiency project to verify project completion and assess the success of the project. Additional site visits may also be conducted by SEP staff during the repayment period. Loan recipients will assist SEP with such site visits, including providing access to all components of the energy efficiency project.

KEY: energy, efficiency, schools, loans
April 6, 2009 **53A-20c-102**

R657. Natural Resources, Wildlife Resources.
R657-5. Taking Big Game.
R657-5-1. Purpose and Authority.

(1) Under authority of Sections 23-14-18 and 23-14-19, the Wildlife Board has established this rule for taking deer, elk, pronghorn, moose, bison, bighorn sheep, and Rocky Mountain goat.

(2) Specific dates, areas, methods of take, requirements, and other administrative details which may change annually are published in the Bucks, Bulls and Once-In-A-Lifetime Proclamation and the Antlerless Addendum to the Bucks, Bulls and Once-In-A-Lifetime Proclamation of the Wildlife Board for taking big game.

R657-5-2. Definitions.

(1) Terms used in this rule are defined in Section 23-13-2.

(2) In addition:

(a) "Antlerless deer" means a deer without antlers or with antlers five inches or shorter.

(b) "Antlerless elk" means an elk without antlers or with antlers five inches or shorter.

(c) "Antlerless moose" means a moose with antlers shorter than its ears.

(d) "Arrow quiver" means a portable arrow case that completely encases all edges of the broadheads.

(e) "Buck deer" means a deer with antlers longer than five inches.

(f) "Buck pronghorn" means a pronghorn with horns longer than five inches.

(g) "Bull elk" means an elk with antlers longer than five inches.

(h) "Bull moose" means a moose with antlers longer than its ears.

(i) "Cow bison" means a female bison.

(j) "Doe pronghorn" means a pronghorn without horns or with horns five inches or shorter.

(k) "Highway" means the entire width between property lines of every way or place of any nature when any part of it is open to the use of the public as a matter of right for vehicular travel.

(l) "Hunter's choice" means either sex may be taken.

(m) "Limited entry hunt" means any hunt published in the hunt tables of the proclamation of the Wildlife Board for taking big game, which is identified as limited entry and does not include general or once-in-a-lifetime hunts.

(n) "Limited entry permit" means any permit obtained for a limited entry hunt by any means, including conservation permits, sportsman permits, cooperative wildlife management unit permits and limited entry landowner permits.

(o) "Once-in-a-lifetime hunt" means any hunt published in the hunt tables of the proclamation of the Wildlife Board for taking big game, which is identified as once-in-a-lifetime, and does not include general or limited entry hunts.

(p) "Once-in-a-lifetime permit" means any permit obtained for a once-in-a-lifetime hunt by any means, including conservation permits, sportsman permits, cooperative wildlife management unit permits and limited entry landowner permits.

(q) "Ram" means a male desert bighorn sheep or Rocky Mountain bighorn sheep.

(r)(i) "Resident" for purposes of this rule means a person who:

(A) has been domiciled in the state of Utah for six consecutive months immediately preceding the purchase of a license or permit; and

(B) does not claim residency for hunting, fishing, or trapping in any other state or country.

(ii) A Utah resident retains Utah residency if that person leaves this state:

(A) to serve in the armed forces of the United States or for religious or educational purposes; and

(B) complies with Subsection (m)(i)(B).

(iii)(A) A member of the armed forces of the United States and dependents are residents for the purposes of this chapter as of the date the member reports for duty under assigned orders in the state if the member:

(I) is not on temporary duty in this state; and

(II) complies with Subsection (m)(i)(B).

(iv) A copy of the assignment orders must be presented to a wildlife division office to verify the member's qualification as a resident.

(v) A nonresident attending an institution of higher learning in this state as a full-time student may qualify as a resident for purposes of this chapter if the student:

(A) has been present in this state for 60 consecutive days immediately preceding the purchase of the license or permit; and

(B) complies with Subsection (m)(i)(B).

(vi) A Utah resident license or permit is invalid if a resident license for hunting, fishing, or trapping is purchased in any other state or country.

(vii) An absentee landowner paying property tax on land in Utah does not qualify as a resident.

(s) "Spike bull" means a bull elk which has at least one antler having no branching above the ears. Branched means a projection on an antler longer than one inch, measured from its base to its tip.

(t)(i) "Valid application" means:

(A) it is for a species that the applicant is eligible to possess a permit;

(B) there is a hunt for that species regardless of estimated permit numbers; and

(C) there is sufficient information on the application to process the application, including personal information, hunt information, and sufficient payment.

(ii) Applications missing any of the items in Subsection (a) may still be considered valid if the application is timely corrected through the application correction process.

R657-5-3. License, Permit, and Tag Requirements.

(1) A person may engage in hunting protected wildlife or in the sale, trade, or barter of protected wildlife or their parts in accordance with Section 23-19-1 and the rules or proclamations of the Wildlife Board.

(2) Any license, permit, or tag that is mutilated or otherwise made illegible is invalid and may not be used for taking or possessing big game.

(3) A person must possess or obtain a Utah hunting or combination license to apply for or obtain any big game hunting permit.

R657-5-4. Age Requirements and Restrictions.

(1)(a) Subject to the exceptions in subsection (c), a person 12 years of age or older may apply for or obtain a permit to hunt big game. A person 11 years of age may apply for a permit to hunt big game if that person's 12th birthday falls within the calendar year for which the permit is issued.

(b) A person may not use a permit to hunt big game before their 12th birthday.

(c) A person who is younger than 14 years of age may not apply for or obtain the following types of big game permits issued by the division through a public drawing:

(i) premium limited entry;

(ii) limited entry;

(iii) once-in-a-lifetime; and

(iv) cooperative wildlife management unit.

(d) A person who is 13 years of age may apply for or obtain a type of permit listed in Subsection(1)(c) if that person's 14th birthday falls within the calendar year for which the permit

is issued.

(e) antlerless deer, antlerless elk, and doe pronghorn permits are not limited entry, premium limited entry or cooperative wildlife management unit permits for purposes of determining a 12 or 13 year olds eligibility to apply for or obtain through a public drawing administered by the division.

(2)(a) A person at least 12 years of age and under 16 years of age must be accompanied by his parent or legal guardian, or other responsible person 21 years of age or older and approved by his parent or guardian, while hunting big game with any weapon.

(b) As used in this section, "accompanied" means at a distance within which visual and verbal communication are maintained for the purposes of advising and assisting.

R657-5-5. Duplicate License and Permit.

(1) Whenever any unexpired license, permit, tag or certificate of registration is destroyed, lost or stolen, a person may obtain a duplicate from a division office or online license agent, for ten dollars or half of the price of the original license, permit, or certificate of registration, whichever is less.

(2) The division may waive the fee for a duplicate unexpired license, permit, tag or certificate of registration provided the person did not receive the original license, permit, tag or certificate of registration.

R657-5-6. Hunting Hours.

Big game may be taken only between one-half hour before official sunrise through one-half hour after official sunset.

R657-5-7. Temporary Game Preserves.

(1)(a) A person who does not have a valid permit to hunt on a temporary game preserve may not carry a firearm or archery equipment on any temporary game preserve while the respective hunts are in progress.

(b) "Carry" means having a firearm on your person while hunting in the field.

(2) As used in this section, "temporary game preserve" means all bull elk, buck pronghorn, moose, bison, bighorn sheep, Rocky Mountain goat, limited entry buck deer areas and cooperative wildlife management units, excluding incorporated areas, cities, towns and municipalities.

(3) Weapon restrictions on temporary game preserves do not apply to:

(a) a person licensed to hunt upland game or waterfowl provided the person complies with Rules R657-6 and R657-9 and the Upland Game Proclamation and Waterfowl Proclamation, respectively, and possessing only legal weapons to take upland game and waterfowl;

(b) livestock owners protecting their livestock;

(c) peace officers in the performance of their duties; or

(d) a person licensed to carry a concealed weapon in accordance with Title 53, Chapter 5, Part 7 of the Utah Code, provided the person is not utilizing the concealed firearm to hunt or take protected wildlife.

R657-5-8. Prohibited Weapons.

(1) A person may not use any weapon or device to take big game other than those expressly permitted in this rule.

(2) A person may not use:

(a) a firearm capable of being fired fully automatic; or

(b) any light enhancement device or aiming device that casts a beam of light.

R657-5-9. Rifles and Shotguns.

(1) The following rifles and shotguns may be used to take big game:

(a) any rifle firing centerfire cartridges and expanding bullets; and

(b) a shotgun, 20 gauge or larger, firing only 00 or larger buckshot or slug ammunition.

R657-5-10. Handguns.

(1) A handgun may be used to take deer and pronghorn, provided the handgun is a minimum of .24 caliber, fires a centerfire cartridge with an expanding bullet and develops 500 foot-pounds of energy at the muzzle.

(2) A handgun may be used to take elk, moose, bison, bighorn sheep, and Rocky Mountain goat provided the handgun is a minimum of .24 caliber, fires a centerfire cartridge with an expanding bullet and develops 500 foot-pounds of energy at 100 yards.

R657-5-11. Muzzleloaders.

(1) A muzzleloader may be used during any big game hunt, except an archery hunt, provided the muzzleloader:

(a) can be loaded only from the muzzle;

(b) has open sights, peep sights, or a fixed non-magnifying 1x scope;

(c) has a single barrel;

(d) has a minimum barrel length of 18 inches;

(e) is capable of being fired only once without reloading;

(f) powder and bullet, or powder, sabot and bullet are not bonded together as one unit for loading;

(g) is loaded with black powder or black powder substitute, which must not contain nitrocellulose based somkeless powder.

(2)(a) A lead or expanding bullet or projectile of at least 40 caliber must be used to hunt big game.

(b) A 170 grain or heavier bullet, including sabots must be used for taking deer and pronghorn.

(c) A 210 grain or heavier bullet must be used for taking elk, moose, bison, bighorn sheep, and Rocky Mountain goat, except sabot bullets used for taking these species must be a minimum of 240 grains.

(3)(a) A person who has obtained a muzzleloader permit may not possess or be in control of any firearm other than a muzzleloading rifle or have a firearm other than a muzzleloading rifle in his camp or motor vehicle during a muzzleloader hunt.

(b) The provisions of Subsection (a) do not apply to:

(i) a person licensed to hunt upland game or waterfowl provided the person complies with Rules R657-6 and R657-9 and the Upland Game Proclamation and Waterfowl Proclamation, respectively, and possessing only legal weapons to take upland game or waterfowl;

(ii) a person licensed to hunt big game species during hunts that coincide with the muzzleloader hunt;

(iii) livestock owners protecting their livestock; or

(iv) a person licensed to carry a concealed weapon in accordance with Title 53, Chapter 5, Part 7 of the Utah Code, provided the person is not utilizing the concealed firearm to hunt or take protected wildlife.

R657-5-12. Archery Equipment.

(1) Archery equipment may be used during any big game hunt, except a muzzleloader hunt, provided:

(a) the minimum bow pull is 40 pounds at the draw or the peak, whichever comes first; and

(b) arrowheads used have two or more sharp cutting edges that cannot pass through a 7/8 inch ring;

(c) expanding arrowheads cannot pass through a 7/8 inch ring when expanded, and

(d) arrows must be a minimum of 20 inches in length from the tip of the arrowhead to the tip of the nock, and must weigh at least 300 grains.

(2) The following equipment or devices may not be used to take big game:

(a) a crossbow, except as provided in Rule R657-12;

(b) arrows with chemically treated or explosive arrowheads;

(c) a mechanical device for holding the bow at any increment of draw;

(d) a release aid that is not hand held or that supports the draw weight of the bow; or

(e) a bow with an attached electronic range finding device or a magnifying aiming device.

(3) Arrows carried in or on a vehicle where a person is riding must be in an arrow quiver or a closed case.

(4)(a) A person who has obtained an archery permit may not possess or be in control of a firearm or have a firearm in his camp or motor vehicle during an archery hunt.

(b) The provisions of Subsection (a) do not apply to:

(i) a person licensed to hunt upland game or waterfowl provided the person complies with Rules R657-6 and R657-9 and the Upland Game Proclamation and Waterfowl Proclamation, respectively, and possessing only legal weapons to take upland game or waterfowl;

(ii) a person licensed to hunt big game species during hunts that coincide with the archery hunt;

(iii) livestock owners protecting their livestock; or

(iv) a person licensed to carry a concealed weapon in accordance with Title 53, Chapter 5, Part 7 of the Utah Code, provided the person is not utilizing the concealed firearm to hunt or take protected wildlife.

R657-5-13. Areas With Special Restrictions.

(1)(a) Hunting of any wildlife is prohibited within the boundaries of all park areas, except those designated by the Division of Parks and Recreation in Rule R651-603-5.

(b) Hunting with rifles and handguns in park areas designated open is prohibited within one mile of all park area facilities, including buildings, camp or picnic sites, overlooks, golf courses, boat ramps, and developed beaches.

(c) Hunting with shotguns or archery equipment is prohibited within one-quarter mile of the areas provided in Subsection (b).

(2) Hunting is closed within the boundaries of all national parks and monuments unless otherwise provided by the governing agency.

(3) Hunters obtaining a Utah license, permit or tag to take big game are not authorized to hunt on tribal trust lands. Hunters must obtain tribal authorization to hunt on tribal trust lands.

(4) Military installations, including Camp Williams, are closed to hunting and trespassing unless otherwise authorized.

(5) In Salt Lake County, a person may not:

(a) hunt big game within one-half mile of Silver Lake in Big Cottonwood Canyon;

(b) hunt big game or discharge a shotgun or archery equipment within 600 feet of a road, house, or any other building; or

(c) discharge a rifle, handgun, shotgun firing slug ammunition, or muzzleloader within one mile of a cabin, house, or other building regularly occupied by people, except west of I-15 a muzzleloader may not be discharged within one-half mile of a cabin, house or other building regularly occupied by people.

(6) Hunting is closed within a designated portion of the town of Alta. Hunters may refer to the town of Alta for boundaries and other information.

(7) Domesticated Elk Facilities and Domesticated Elk Hunting Parks, as defined in Section 4-39-102(2) and Rules R58-18 and R58-20, are closed to big game hunting. This restriction does not apply to the lawful harvest of domesticated elk as defined and allowed pursuant to Rule R58-20.

(8) State waterfowl management areas are closed to taking big game, except as otherwise provided in the proclamation of the Wildlife Board for taking big game.

(9) Hunters are restricted to using archery equipment, muzzleloaders or shotguns on the Matheson Wetlands.

(10) A person may not discharge a firearm, except a shotgun or muzzleloader, from, upon, or across the Green River located near Jensen, Utah from the Highway 40 bridge upstream to the Dinosaur National Monument boundary.

R657-5-14. Spotlighting.

(1) Except as provided in Section 23-13-17:

(a) a person may not use or cast the rays of any spotlight, headlight, or other artificial light to locate protected wildlife while having in possession a firearm or other weapon or device that could be used to take or injure protected wildlife; and

(b) the use of a spotlight or other artificial light in a field, woodland, or forest where protected wildlife are generally found is prima facie evidence of attempting to locate protected wildlife.

(2) The provisions of this section do not apply to:

(a) the use of headlights or other artificial light in a usual manner where there is no attempt or intent to locate protected wildlife; or

(b) a person licensed to carry a concealed weapon in accordance with Title 53, Chapter 5, Part 7 of the Utah Code, provided the person is not utilizing the concealed firearm to hunt or take wildlife.

R657-5-15. Use of Vehicle or Aircraft.

(1)(a) A person may not use an airplane or any other airborne vehicle or device, or any motorized terrestrial or aquatic vehicle, including snowmobiles and other recreational vehicles, except a vessel as provided in Subsection (c), to take protected wildlife.

(b) A person may not take protected wildlife being chased, harmed, harassed, rallied, herded, flushed, pursued or moved by an aircraft or any other vehicle or conveyance listed in Subsection (a).

(c) Big game may be taken from a vessel provided:

(i) the motor of a motorboat has been completely shut off;

(ii) the sails of a sailboat have been furled; and

(iii) the vessel's progress caused by the motor or sail has ceased.

(2)(a) A person may not use any type of aircraft from 48 hours before any big game hunt begins through 48 hours after any big game hunting season ends to:

(i) transport a hunter or hunting equipment into a hunting area;

(ii) transport a big game carcass; or

(iii) locate, or attempt to observe or locate any protected wildlife.

(b) Flying slowly at low altitudes, hovering, circling or repeatedly flying over a forest, marsh, field, woodland or rangeland where protected wildlife is likely to be found may be used as evidence of violations of Subsections (1) and (2).

(3) The provisions of this section do not apply to the operation of an aircraft in a usual manner, or landings and departures from improved airstrips, where there is no attempt or intent to locate protected wildlife.

R657-5-16. Party Hunting and Use of Dogs.

(1) A person may not take big game for another person, except as provided in Section 23-19-1 and Rule R657-12.

(2) A person may not use the aid of a dog to take, chase, harm or harass big game.

R657-5-17. Big Game Contests.

A person may not enter or hold a big game contest that:

(1) is based on big game or their parts; and

(2) offers cash or prizes totaling more than $500.

R657-5-18. Tagging.

(1) The carcass of any species of big game must be tagged in accordance with Section 23-20-30.

(2) A person may not hunt or pursue big game after any of the notches have been removed from the tag or the tag has been detached from the permit.

(3) The tag must remain with the largest portion of the meat until the animal is entirely consumed.

R657-5-19. Transporting Big Game Within Utah.

(1) A person may transport big game within Utah only as follows:

(a) the head or sex organs must remain attached to the largest portion of the carcass;

(b) the antlers attached to the skull plate must be transported with the carcass of an elk taken in a spike bull unit; and

(c) the person who harvested the big game animal must accompany the carcass and must possess a valid permit corresponding to the tag attached to the carcass, except as provided in Subsection (2).

(2) A person who did not take the big game animal may transport it only after obtaining a shipping permit or disposal receipt from the division or a donation slip as provided in Section 23-20-9.

R657-5-20. Exporting Big Game From Utah.

(1) A person may export big game or their parts from Utah only if:

(a) the person who harvested the big game animal accompanies it and possesses a valid permit corresponding to the tag which must be attached to the largest portion of the carcass; or

(b) the person exporting the big game animal or its parts, if it is not the person who harvested the animal, has obtained a shipping permit from the division.

R657-5-21. Purchasing or Selling Big Game or Their Parts.

(1) A person may only purchase, sell, offer or possess for sale, barter, exchange or trade any big game or their parts as follows:

(a) Antlers, heads and horns of legally taken big game may be purchased or sold only on the dates published in the proclamation of the Wildlife Board for taking big game;

(b) Untanned hides of legally taken big game may be purchased or sold only on the dates published in the proclamation of the Wildlife Board for taking big game;

(c) Inedible byproducts, excluding hides, antlers and horns, or legally possessed big game as provided in Subsection 23-20-3(1)(d), may be purchased or sold at any time;

(d) tanned hides of legally taken big game may be purchased or sold at any time; and

(e) shed antlers and horns may be purchased or sold at any time.

(2)(a) Protected wildlife that is obtained by the division by any means may be sold or donated at any time by the division or its agent.

(b) A person may purchase or receive protected wildlife from the division, which is sold or donated in accordance with Subsection (2)(a), at any time.

(3) A person selling or purchasing antlers, heads, horns or untanned hides shall keep transaction records stating:

(a) the name and address of the person who harvested the animal;

(b) the transaction date; and

(c) the permit number of the person who harvested the animal.

(4) Subsection (3) does not apply to scouting programs or other charitable organizations using untanned hides.

R657-5-22. Possession of Antlers and Horns.

(1) A person may possess antlers or horns or parts of antlers or horns only from:

(a) lawfully harvested big game;

(b) antlers or horns lawfully obtained as provided in Section R657-5-21; or

(c) shed antlers or shed horns.

(2)(a) A person may gather shed antlers or shed horns or parts of shed antlers or shed horns at any time. An authorization is required to gather shed antlers or shed horns or parts of shed antlers or shed horns during the shed antler and shed horn season published in the Bucks, Bulls, Once-in-a-Lifetime, Proclamation of the Wildlife Board for taking big game.

(b) A person must complete a wildlife harassment and habitat destruction prevention course annually to obtain the required authorization to gather shed antlers during the antler gathering season.

(3) "Shed antler" means an antler which:

(a) has been dropped naturally from a big game animal as part of its annual life cycle; and

(b) has a rounded base commonly known as the antler button or burr attached which signifies a natural life cycle process.

(4) "Shed horn" means the sheath from the horn of a pronghorn that has been dropped naturally as part of its annual life cycle. No other big game species shed their horns naturally.

R657-5-23. Poaching-Reported Reward Permits.

(1) For purposes of this section, "successful prosecution" means the screening, filing of charges and subsequent adjudication for the poaching incident.

(2) Any person who provides information leading to another person's successful prosecution for wanton destruction of a bull moose, desert bighorn ram, rocky mountain bighorn ram, rocky mountain goat, bison, bull elk, buck deer or buck pronghorn under Section 23-20-4 for any once-in-a-lifetime species or within any limited entry area may receive a permit from the division to hunt for the same species and on the same once-in-a-lifetime or limited entry area where the violation occurred, except as provided in Subsection (3).

(3)(a) In the event that issuance of a poaching-reported reward permit would exceed 5% of the total number of limited entry or once-in-a-lifetime permits issued in the following year for the respective area, a permit shall not be issued for that respective area. As an alternative, the division may issue a permit as outlined in Subsections (b) or (c).

(b) If the illegally taken animal is a bull moose, desert bighorn ram, rocky mountain bighorn ram, rocky mountain goat or bison, a permit for an alternative species and an alternative once-in-a-lifetime or limited entry area that has been allocated more than 20 permits may be issued.

(c) If the illegally taken animal is a bull elk, buck deer or buck pronghorn, a permit for the same species on an alternative limited entry area that has been allocated more than 20 permits may be issued.

(4)(a) The division may issue only one poaching-reported reward permit for any one animal illegally taken.

(b) No more than one poaching-reported reward permit shall be issued to any one person per successful prosecution.

(c) No more than one poaching-reported reward permit per species shall be issued to any one person in any one calendar year.

(5)(a) Poaching-reported reward permits may only be issued to the person who provides the most pertinent information leading to a successful prosecution. Permits are not transferrable.

(b) If information is received from more than one person, the director of the division shall make a determination based on the facts of the case, as to which person provided the most

pertinent information leading to the successful prosecution in the case.

(c) The person providing the most pertinent information shall qualify for the poaching-reported reward permit.

(6) Any person who receives a poaching-reported reward permit must possess or obtain a Utah hunting or combination license and otherwise be eligible to hunt and obtain big game permits as provided in all rules and regulations of the Wildlife Board and the Wildlife Resources Code.

R657-5-24. Application Process for Premium Limited Entry, Limited Entry, Cooperative Wildlife Management Unit, Once-In-A-Lifetime Permits and Management Bull Elk, and Application Process for General Buck Deer, General Muzzleloader Elk and Youth General Any Bull Elk Permits.

(1) a person must possess or obtain a valid hunting or combination license to apply for or obtain a big game permit.

(2)(a) A person may obtain only one permit per species of big game, including premium limited entry, limited entry, cooperative wildlife management unit, once-in-a-lifetime, conservation, sportsman, landowner and general permits, except antlerless permits as provided in the Antlerless Addendum and permits as provided in Rule R657-42.

(b) Hunting with a permit where payment has not been received for that permit constitutes a violation of hunting without a valid permit.

(c) A person who applies for, or obtains a permit must notify the division of any change in mailing address, residency, telephone number, and physical description.

(3) Applications are available through the division's Internet address.

(4) A resident may apply in the big game drawing for the following permits:

(a) only one of the following:

(i) buck deer - premium limited entry, limited entry and cooperative wildlife management unit;

(ii) bull elk - premium limited entry, limited entry and cooperative wildlife management unit; or

(iii) buck pronghorn - limited entry and cooperative wildlife management unit; and

(b) only one once-in-a-lifetime permit, including once-in-a-lifetime cooperative wildlife management unit permits, except as provided in Section R657-5-64(2)(b).

(5) A nonresident may apply in the big game drawing for the following permits:

(a) any of the following:

(i) buck deer - premium limited entry and limited entry;

(ii) bull elk - premium limited entry and limited entry; or

(iii) buck pronghorn - limited entry; and

(b) any once-in-a-lifetime permit.

(6) A resident or nonresident may apply in the big game drawing for:

(a)(i) a general archery buck deer permit;

(ii) by region for general any weapon buck deer; or

(iii) by region for general muzzleloader buck deer.

(b) A youth may apply in the drawing as provided in Subsection (a) or Subsection R657-5-27(4), and for youth general any bull elk pursuant to Section R657-5-46.

(7) A person may not submit more than one application per species as provided in Subsections (3) and (4), and Subsection (5) in the big game drawing.

(8)(a) Applications must be submitted online by the date prescribed in the Bucks, Bulls and Once-In-A-Lifetime Proclamation of the Wildlife Board for taking big game.

(b) If an error is found on an application, the applicant may be contacted for correction.

(9) Any person who applies for a hunt that occurs on private land is responsible for obtaining written permission from the landowner to access the property. To avoid disappointment and wasting the permit and fee if access is not obtained, hunters should get permission before applying. The division does not guarantee access and does not have the names of landowners where hunts occur.

(10) Only a resident may apply for or obtain a resident permit and only a nonresident may apply for or obtain a nonresident permit, except as provided in Subsections R657-5-27(4).

(11) To apply for a resident permit, a person must be a resident at the time of purchase.

(12) The posting date of the drawing shall be considered the purchase date of a permit.

R657-5-25. Fees for Premium Limited Entry, Limited Entry, Cooperative Wildlife Management Unit, Once-In-A-Lifetime, Management Bull Elk, Management Buck Deer Permits, and for General Buck Deer, General Muzzleloader Elk and Youth General Any Bull Elk Permits.

(1) The permit fees and handling fees must be paid pursuant to Rule R657-42-8(5).

R657-5-26. Applying as a Group for Premium Limited Entry, Limited Entry, Cooperative Wildlife Management Unit, Once-In-A-Lifetime, Management Bull Elk, Management Buck Deer Permits, and for General Buck Deer, General Muzzleloader Elk and Youth General Any Bull Elk Permits.

(1)(a) Up to four people may apply together for premium limited entry, limited entry, and resident cooperative wildlife management unit deer, elk or pronghorn permits in the big game drawing and in the antlerless drawing.

(b) People may not apply together for management bull elk permits or management buck deer permits in the big game drawing as provided in R657-5-71(2)(b).

(c) Up to two youth may apply together for youth general any bull elk permits in the big game drawing.

(d) Up to ten people may apply together for general deer permits in the big game drawing.

(e)Youth applicants who wish to participate in the youth general buck deer drawing process as provided in Subsection R657-5-27(4), or the youth antlerless drawing process as provided in Subsection R657-5-59(3), must not apply as part of a group.

(2)(a) Applicants must indicate the hunters in the group by marking the appropriate box on the application form.

(b) If the appropriate box is not marked indicating the hunters in the group, each hunter in that group shall be entered into the drawing as individual hunters, and not as a group.

(3) Residents and nonresidents may apply together.

(4)(a) Group applications shall be processed as one single application.

(b) Any bonus points used for a group application, shall be averaged and rounded down.

(5) When applying as a group:

(a) if the group is successful in the drawing, then all applicants with valid applications in that group shall receive a permit;

(b) if the group is rejected due to an error in fees and only one species is applied for, then the entire group is rejected;

(c) if the group is rejected due to an error in fees and more than one species is applied for, the group will be kept in the drawing for any species with sufficient fees, using the draw order; or

(d) if one or more members of the group are rejected due to an error other than fees, the members with valid applications will be kept in the drawing, unless the group indicates on the application that all members are to be rejected.

R657-5-27. Premium Limited Entry, Limited Entry,

Cooperative Wildlife Management Unit, Once-In-A-Lifetime, Management Bull Elk, Management Buck Deer Drawings, and General Buck Deer, General Muzzleloader Elk and Youth General Any Bull Elk Drawings.

(1) Applicants shall be notified by mail of draw results by the date published in the Bucks, Bulls and Once-In-A-Lifetime Proclamation of the Wildlife Board for taking big game.

(2) Permits for the big game drawing shall be drawn in the following order:

(a) premium limited entry, limited entry and cooperative wildlife management unit buck deer;

(b) premium limited entry, limited entry and cooperative wildlife management unit bull elk;

(c) limited entry and cooperative wildlife management unit buck pronghorn;

(d) once-in-a-lifetime;

(e) youth general buck deer;

(f) general buck deer; and

(g) youth general any bull elk.

(3) Any person who draws one of the following permits is not eligible to draw a once-in-a-lifetime permit:

(a) a premium limited entry, limited entry or Cooperative Wildlife Management unit buck deer;

(b) a premium limited entry, limited entry, or Cooperative Wildlife Management unit elk; or

(c) a limited entry or Cooperative Wildlife Management unit buck pronghorn.

(4)(a) Twenty percent of the general buck deer permits in each region are reserved for youth hunters.

(b) For purposes of this section, "youth" means any person 18 years of age or younger on the opening day of the general archery buck deer season.

(c) Youth hunters who wish to participate in the youth drawing must:

(i) submit an application in accordance with Section R657-5-24; and

(ii) not apply as a group.

(d) Youth applicants who apply for a general buck deer permit as provided in Subsection (c), will automatically be considered in the youth drawing based upon their birth date.

(e) Preference points shall be used when applying.

(f) Any reserved permits remaining and any youth applicants who were not selected for reserved permits shall be returned to the general buck deer drawing.

(5) If any permits listed in Subsection (2)(a) through (2)(d) remain after the big game drawing after all choices have been evaluated separately for residents and nonresidents, a second evaluation will be done allowing cross-over usage of remaining resident and nonresident permit quotas.

R657-5-28. Premium Limited Entry, Limited Entry, Cooperative Wildlife Management Unit, Once-In-A-Lifetime, Management Bull Elk and Management Buck Deer Application Refunds, and General Buck Deer, General Muzzleloader Elk and Youth General Any Bull Elk Application Refunds.

(1) Unsuccessful applicants will not be charged for a permit.

(2) The handling fees and Utah hunting or combination license fees are nonrefundable.

R657-5-29. Permits Remaining After the Drawing.

(1) Permits remaining after the big game drawing are sold only by mail or on a first-come, first-served basis beginning and ending on the dates provided in the Bucks, Bulls and Once-In-A-Lifetime Proclamation of the Wildlife Board for taking big game.

R657-5-30. Waiting Periods for Deer.

(1) A person who obtained a premium limited entry buck, limited entry buck, cooperative wildlife management unit buck deer, or management buck deer permit through the big game drawing process during the preceding two years may not apply in the big game drawing for any of these permits during the current year.

(2) A person who obtains a premium limited entry buck, limited entry buck, cooperative wildlife management unit buck, or management buck deer permit through the big game drawing process, may not apply for any of these permits again for a period of two years.

(3) A waiting period does not apply to:

(a) general archery, general any weapon, general muzzleloader, antlerless deer, conservation, sportsman, poaching-reported reward and dedicated hunter limited entry deer permits; or

(b) cooperative wildlife management unit or limited entry landowner buck deer permits obtained through the landowner.

R657-5-31. Waiting Periods for Elk.

(1) A person who obtained a premium limited entry, limited entry, management bull elk or cooperative wildlife management unit bull elk permit through the big game drawing process during the preceding four years may not apply in the big game drawing for any of these permits during the current year.

(2) A person who obtains a premium limited entry, limited entry or cooperative wildlife management unit bull elk permit through the big game drawing, may not apply for any of these permits for a period of five years.

(3) A waiting period does not apply to:

(a) general archery, general any weapon, general muzzleloader, antlerless elk, cooperative wildlife management unit spike bull elk, conservation, sportsman, poaching-reported reward and dedicated hunter limited entry elk permits; or

(b) cooperative wildlife management unit or limited entry landowner bull elk permits obtained through the landowner.

R657-5-32. Waiting Periods for Pronghorn.

(1) A person who obtained a buck pronghorn permit through the big game drawing process in the preceding two years, may not apply in the big game drawing for a buck pronghorn permit during the current year.

(2) A person who obtains a buck pronghorn or cooperative wildlife management unit buck pronghorn permit through the big game drawing, may not apply for any of these permits for a period of two years.

(3) A waiting period does not apply to:

(a) doe pronghorn, pronghorn conservation, sportsman and poaching-reported reward permits; or

(b) cooperative wildlife management unit or limited entry landowner buck pronghorn permits obtained through the landowner.

R657-5-33. Waiting Periods for Antlerless Moose.

(1) A person who obtained an antlerless moose permit or a cooperative wildlife management unit antlerless moose permit through the antlerless drawing process during the preceding four years, may not apply for an antlerless moose permit during the current year.

(2) A person who obtains an antlerless moose permit or a cooperative wildlife management unit antlerless moose permit through the antlerless drawing process in the current year, may not apply for an antlerless moose permit for a period of five years.

(3) A waiting period does not apply to cooperative wildlife management unit antlerless moose permits obtained through the landowner.

R657-5-34. Waiting Periods for Once-In-A-Lifetime Species.

(1) Any person who has obtained a permit for any bull moose, bison, Rocky Mountain bighorn sheep, desert bighorn sheep, or Rocky Mountain goat may not apply for a once-in-a-lifetime permit for the same species in the big game drawing or sportsman permit drawing.

(2) A person who has been convicted of unlawfully taking a once-in-a-lifetime species may not apply for or obtain a permit for that species.

R657-5-35. Waiting Periods for Permits Obtained After the Drawing.

(1) Waiting periods provided in Sections R657-5-30 through R657-5-34 do not apply to the purchase of the remaining permits sold over the counter.

(2) However, waiting periods are incurred as a result of purchasing remaining permits after the drawing. Therefore, if a remaining permit is purchased in the current year, waiting periods will be in effect when applying in the drawing in following years.

R657-5-36. Waiting Periods for Cooperative Wildlife Management Unit Permits and Landowner Permits.

(1)(a) A waiting period or once-in-a-lifetime status does not apply to purchasing limited entry landowner or cooperative wildlife management unit permits obtained through a landowner, except as provided in Subsection (b).

(b) Waiting periods are incurred for the purpose of applying in the big game drawing as a result of obtaining a cooperative wildlife management unit bull moose permit through a landowner.

R657-5-37A. Bonus Point System.

(1) Bonus points are used to improve odds for drawing permits.

(2)(a) A bonus point is awarded for:

(i) each valid unsuccessful application when applying for limited entry permits in the big game drawing or moose in the antlerless drawing; or

(ii) each valid application when applying for bonus points in the big game drawing or moose in the antlerless drawing.

(b) Bonus points are awarded by species for:

(i) premium limited entry, limited entry, management buck deer, and cooperative wildlife management unit buck deer;

(ii) premium limited entry, limited entry, management bull elk, and cooperative wildlife management unit bull elk;

(iii) limited entry and cooperative wildlife management unit buck pronghorn;

(iv) all once-in-a-lifetime species; and

(v) antlerless moose.

(3) A resident may apply for a bonus point for:

(a) only one of the following species:

(i) buck deer - premium limited entry, limited entry and cooperative wildlife management unit;

(ii) bull elk - limited entry, management and cooperative wildlife management unit; or

(iii) buck pronghorn - limited entry and cooperative wildlife management unit;

(iv) antlerless moose, and

(b) only one once-in-a-lifetime, including once-in-a-lifetime cooperative wildlife management unit.

(4) A nonresident may apply for a bonus point for:

(a) any of the following species:

(i) buck deer - premium limited entry, limited entry and management unit;

(ii) bull elk - limited entry and management unit; or

(iii) buck pronghorn - limited entry;

(iv) antlerless moose, and

(b) any once-in-a-lifetime.

(5)(a) A resident may not apply in the drawing for both a premium limited entry or limited entry bonus point and a premium limited entry or limited entry permit.

(b) A resident may not apply in the drawing for a once-in-a-lifetime bonus point and a once-in-a-lifetime permit.

(c) A resident may not apply in the drawing for an antlerless moose bonus point and an antlerless moose permit.

(6)(a) An applicant may not apply in the drawing for an antlerless moose bonus point and an antlerless moose permit.

(b) An applicant may not apply for a bonus point if that person is ineligible to apply for a permit for the respective species.

(c) An applicant may only apply for bonus points during the big game and antlerless drawing application periods.

(d) Group applications will not be accepted when applying for bonus points.

(7)(a) Fifty percent of the permits for each hunt unit and species will be reserved for applicants with bonus points.

(b) Based on the applicant's first choice, the reserved permits will be designated by a random drawing number to eligible applicants with the greatest number of bonus points for each species.

(c) If reserved permits remain, the reserved permits will be designated by a random number to eligible applicants with the next greatest number of bonus points for each species.

(d) The procedure in Subsection (c) will continue until all reserved permits have been issued or no applications for that species remain.

(e) Any reserved permits remaining and any applicants who were not selected for reserved permits will be returned to the big game drawing.

(8)(a) Each applicant receives a random drawing number for:

(i) each species applied for; and

(ii) each bonus point for that species.

(9) Bonus points are forfeited if a person obtains a permit through the drawing for that bonus point species as provided in Subsection (2)(c), including any permit obtained after the drawing.

(10) Bonus points are not forfeited if:

(a) a person is successful in obtaining a conservation permit or sportsman permit;

(b) a person obtains a landowner or a cooperative wildlife management unit permit from a landowner; or

(c) a person obtains a poaching-reported reward permit.

(11) Bonus points are not transferable.

(12) Bonus points are averaged and rounded down when two or more applicants apply together on a group application.

(12)(a) Bonus points are tracked using social security numbers or division-issued customer identification numbers.

(b) The division shall retain paper copies of applications for three years prior to the current big game and antlerless drawings for the purpose of researching bonus point records.

(c) The division shall retain electronic copies of applications from 1996 to the current big game drawing for the purpose of researching bonus point records.

(d) Any requests for researching an applicant's bonus point records must be requested within the time frames provided in Subsection (b) and (c).

(e) Any bonus points on the division's records shall not be researched beyond the time frames provided in Subsection (b) and (c).

(f) The division may eliminate any bonus points earned that are obtained by fraud or misrepresentation.

R657-5-37B. Preference Point System.

(1) Preference points are used in the big game and antlerless drawings to ensure that applicants who are unsuccessful in the drawing will have first preference in the next year's drawing.

(2)(a) A preference point is awarded for:

(i) each valid unsuccessful application of the first-choice hunt when applying for a general buck deer permit; or

(ii) each valid unsuccessful application when applying for an antlerless deer, antlerless elk, or doe pronghorn permit; or

(iii) each valid application when applying only for a preference point in the big game or antlerless drawing.

(b) Preference points are awarded by species for:

(i) general buck deer;

(ii) antlerless deer;

(iii) antlerless elk; and

(iv) doe pronghorn.

(3)(a) A person may not apply in the drawing for both a preference point and permit for the species listed in (2)(b).

(b) A person may not apply for a preference point if that person is ineligible to apply for a permit.

(c) Preference points shall not be used when obtaining remaining permits after the big game or antlerless drawing.

(4) Preference points are forfeited if a person obtains a general buck deer, antlerless deer, antlerless elk or doe pronghorn permit through the drawing.

(5)(a) Preference points are not transferable.

(b) Preference points shall only be applied to the big game and antlerless drawing.

(6) Preference points are averaged and rounded down when two or more applicants apply together on a group application.

(7)(a) Preference points are tracked using social security numbers or division-issued hunter identification numbers.

(b) The division shall retain copies of paper applications for three years prior to the current big game and antlerless drawings for the purpose of researching preference point records.

(c) The division shall retain copies of electronic applications from 2000 to the current big game drawing for the purpose of researching preference point records.

(d) Any requests for researching an applicant's preference point records must be requested within the time frames provided in Subsection (b) and (c).

(e) Any preference points on the division's records shall not be researched beyond the time frames provided in Subsection (b) and (c).

(f) The division may eliminate any preference points earned that are obtained by fraud or misrepresentation.

R657-5-38. General Archery Buck Deer Hunt.

(1) The dates of the general archery buck deer hunt are provided in the Bucks, Bulls and Once-In-A-Lifetime Proclamation of the Wildlife Board for taking big game.

(2) A person who has obtained a general archery buck deer permit, or any other permit which allows that person to hunt general archery buck deer may use archery equipment to take:

(a) one buck deer within the general hunt area specified on the permit for the time specified in the Bucks, Bulls and Once-In-A-Lifetime Proclamation of the Wildlife Board for taking big game; or

(b) a deer of hunter's choice within the Wasatch Front or Uintah Basin extended archery area as provided in the Bucks, Bulls and Once-In-A-Lifetime Proclamation of the Wildlife Board for taking big game.

(c) A person who has obtained a general archery buck deer permit, or any other permit which allows that person to hunt general archery buck deer, may not hunt within Cooperative Wildlife Management unit deer areas.

(d) A person who has obtained a general archery buck deer permit, or any other permit which allows that person to hunt general archery buck deer, may not hunt within premium limited entry deer and limited entry deer areas, except Crawford Mountain.

(3)(a) A person who obtains a general archery buck deer permit, or any other permit which allows that person to hunt general archery buck deer, may hunt within the Wasatch Front, Ogden or the Uintah Basin extended archery areas during the extended archery area seasons as provided in the Bucks, Bulls and Once-In-A-Lifetime Proclamation of the Wildlife Board for taking big game and as provided in Subsection (b).

(b) A person must complete the Archery Ethics Course annually to hunt the Wasatch Front, Ogden or Uintah Basin extended archery areas during the extended archery season.

(c) A person must possess an Archery Ethics Course Certificate of Completion while hunting.

(4) A person who has obtained a general archery deer permit may not hunt during any other deer hunt or obtain any other deer permit, except antlerless deer.

(5)(a) Any person 18 years of age or younger on the opening day of the general archery buck deer season, may hunt by region the general archery, the general any weapon and general muzzleloader deer seasons, using the appropriate equipment as provided in Sections R657-5-8 through R657-5-12, respectively, for each respective season, provided that person obtains a general any weapon or general muzzleloader deer permit for a specified region.

(b) If a person 18 years of age or younger purchases a general archery buck deer permit, that person may only hunt during the general archery deer season and the extended archery season as provided Section R657-5-38(3).

(6) Hunter orange material must be worn if a centerfire rifle hunt is also in progress in the same area as provided in Section 23-20-31. Archers are cautioned to study rifle hunt tables and identify these areas described in the Bucks, Bulls and Once-In-A-Lifetime Proclamation of the Wildlife Board for taking big game.

R657-5-39. General Any Weapon Buck Deer Hunt.

(1) The dates for the general any weapon buck deer hunt are provided in the Bucks, Bulls and Once-In-A-Lifetime Proclamation of the Wildlife Board for taking big game.

(2)(a) A person who has obtained a general any weapon buck permit may use any legal weapon to take one buck deer within the hunt area specified on the permit as published in the Bucks, Bulls and Once-In-A-Lifetime Proclamation of the Wildlife Board for taking big game.

(b) A person who has obtained a general any weapon buck deer permit, or any other permit which allows that person to hunt general any weapon buck deer, may not hunt within Cooperative Wildlife Management unit deer areas.

(c) A person who has obtained a general any weapon buck deer permit, or any other permit which allows that person to hunt general any weapon buck deer, may not hunt within premium limited entry deer and limited entry deer areas, except Crawford Mountain.

(3) A person who has obtained a general any weapon buck deer permit may not hunt during any other deer hunt or obtain any other deer permit, except:

(a) antlerless deer; and

(b) any person 18 years of age or younger on the opening day of the general archery buck deer season, may hunt the general archery, general any weapon and general muzzleloader deer seasons, using the appropriate equipment as provided in Sections R657-5-8 through R657-5-12, respectively, for each respective season.

(i) If a person 18 years of age or younger purchases a general archery buck deer permit, that person may only hunt during the general archery deer season and the extended archery season as provided Section R657-5-38(3).

R657-5-40. General Muzzleloader Buck Deer Hunt.

(1) The dates for the general muzzleloader buck deer hunt

are provided in the Bucks, Bulls and Once-In-A-Lifetime Proclamation of the Wildlife Board for taking big game.

(2)(a) A person who has obtained a general muzzleloader buck permit may use a muzzleloader to take one buck deer within the general hunt area specified on the permit as published in the Bucks, Bulls and Once-In-A-Lifetime Proclamation of the Wildlife Board for taking big game.

(b) A person who has obtained a general muzzleloader buck deer permit, or any other permit which allows that person to hunt general muzzleloader buck deer, may not hunt within Cooperative Wildlife Management unit deer areas.

(c) A person who has obtained a general muzzleloader buck deer permit, or any other permit which allows that person to hunt general muzzleloader buck deer, may not hunt within premium limited entry deer and limited entry deer areas, except Crawford Mountain.

(3) A person who has obtained a general muzzleloader deer permit may not hunt during any other deer hunt or obtain any other deer permit, except:

(a) antlerless deer; and

(b) any person 18 years of age or younger on the opening day of the general archery buck deer season, may hunt the general archery, general any weapon and general muzzleloader deer seasons, using the appropriate equipment as provided in Sections R657-5-8 through R657-5-12, respectively, for each respective season.

(i) If a person 18 years of age or younger purchases a general archery buck deer permit, that person may only hunt during the general archery deer season and the extended archery season as provided Section R657-5-38(3).

(4) Hunter orange material must be worn if a centerfire rifle hunt is also in progress in the same area as provided in Section 23-20-31. Muzzleloader hunters are cautioned to study the rifle hunt tables to identify these areas described in the Bucks, Bulls and Once-In-A-Lifetime Proclamation of the Wildlife Board for taking big game.

R657-5-41. Limited Entry Buck Deer Hunts.

(1) To hunt in a premium limited entry or limited entry area, hunters must obtain the respective limited entry buck permit. Limited entry areas are not open to general archery buck, general any weapon buck, or general muzzleloader buck hunting, except as specified in the Bucks, Bulls and Once-In-A-Lifetime Proclamation of the Wildlife Board for taking big game.

(2) A limited entry buck deer permit allows a person using the prescribed legal weapon, to take one buck deer within the area and season specified on the permit, except deer cooperative wildlife management units located within the limited entry unit.

(3)(a) A person who has obtained a premium limited entry, limited entry, management buck deer, or cooperative wildlife management unit buck deer permit must report hunt information within 30 calendar days after the end of the hunting season, whether the permit holder was successful or unsuccessful in harvesting a buck deer.

(b) Limited entry and cooperative wildlife management unit buck deer permit holders must report hunt information by telephone, or through the division's Internet address.

(c) A person who fails to comply with the requirement in Subsection (a) shall be ineligible to apply for any once-in-a-lifetime, premium limited entry, limited entry, management, or cooperative wildlife management unit permit or bonus points in the following year.

(d) Late questionnaires may be accepted pursuant to Rule R657-42-9(3).

(4) A person who has obtained a limited entry buck permit may not hunt during any other deer hunt or obtain any other deer permit, except antlerless deer.

R657-5-42. Antlerless Deer Hunts.

(1) To hunt an antlerless deer, a hunter must obtain an antlerless deer permit.

(2)(a) An antlerless deer permit allows a person to take one antlerless deer, per antlerless deer tag, using any legal weapon within the area and season as specified on the permit and in the antlerless addendum.

(b) A person may not hunt on any cooperative wildlife management units unless that person obtains an antlerless deer permit for a cooperative wildlife management unit as specified on the permit.

(3) A person who has obtained an antlerless deer permit may not hunt during any other antlerless deer hunt or obtain any other antlerless deer permit.

(4)(a) A person who obtains an antlerless deer permit and any of the permits listed in Subsection (b) may use the antlerless deer permit during the established season for the antlerless deer permit and during the established season for the permits listed in Subsection (b) provided:

(i) the permits are both valid for the same area;

(ii) the appropriate archery equipment is used if hunting with an archery permit;

(iii) the appropriate muzzleloader equipment is used if hunting with a muzzleloader permit.

(b)(i) General archery deer;

(ii) general muzzleloader deer;

(iii) limited entry archery deer; or

(iv) limited entry muzzleloader deer.

R657-5-43. General Archery Elk Hunt.

(1) The dates of the general archery elk hunt are provided in the Bucks, Bulls and Once-In-A-Lifetime Proclamation of the Wildlife Board for taking big game.

(2)(a) A person who has obtained a general archery elk permit may use archery equipment to take:

(i) one elk of hunter's choice on a general any bull elk unit, except on elk cooperative wildlife management units;

(ii) an antlerless elk or spike bull elk on a general spike bull elk unit, except on elk cooperative wildlife management units;

(iii) one elk, any bull or antlerless on the Wasatch Front or Uintah Basin extended archery areas as provided in the Bucks, Bulls and Once-In-A-Lifetime Proclamation of the Wildlife Board for taking big game.

(3)(a) A person who obtains a general archery elk permit may hunt within the Wasatch Front, Uintah Basin, and Sanpete Valley extended archery areas during the extended archery area seasons as provided in the Bucks, Bulls and Once-In-A-Lifetime Proclamation of the Wildlife Board for taking big game and as provided in Subsection (b).

(b) A person must complete the Archery Ethics Course annually to hunt the extended archery areas during the extended archery season.

(c) A person must possess an Archery Ethics Course Certificate of Completion while hunting.

(4) A person who has obtained an archery elk permit may not hunt during any other elk hunt or obtain any other elk permit, except as provided in Subsection R657-5-48(3).

(5) Hunter orange material must be worn if a centerfire rifle hunt is also in progress in the same area as provided in Section 23-20-31. Archers are cautioned to study the rifle hunt tables to identify these areas described in the Bucks, Bulls and Once-In-A-Lifetime Proclamation of the Wildlife Board for taking big game.

R657-5-44. General Season Bull Elk Hunt.

(1) The dates for the general season bull elk hunt are provided in the Bucks, Bulls and Once-In-A-Lifetime Proclamation of the Wildlife Board for taking big game within

general season elk units, except in the following areas:

(a) Salt Lake County south of I-80 and east of I-15; and

(b) elk cooperative wildlife management units.

(2)(a) A person may purchase either a spike bull permit or an any bull permit.

(b) A person who has obtained a general season spike bull elk permit may take a spike bull elk on a general season spike bull elk unit. Any bull units are closed to spike bull permittees.

(c) A person who has obtained a general season any bull elk permit may take any bull elk, including a spike bull elk on a general season any bull elk unit. Spike bull units are closed to any bull permittees.

(3) A person who has obtained a general season bull elk permit may use any legal weapon to take a spike bull or any bull elk as specified on the permit.

(4) A person who has obtained a general season bull elk permit may not hunt during any other elk hunt or obtain any other elk permit, except as provided in Subsection R657-5-48(3).

R657-5-45. General Muzzleloader Elk Hunt.

(1) The dates of the general muzzleloader elk hunt are provided in the Bucks, Bulls and Once-In-A-Lifetime Proclamation of the Wildlife Board for taking big game within the general season elk units, except in the following closed areas:

(a) Salt Lake County south of I-80 and east of I-15; and

(b) elk cooperative wildlife management units.

(2)(a) General muzzleloader elk hunters may purchase either a spike bull elk permit or an any bull elk permit.

(b) A person who has obtained a general muzzleloader spike bull elk permit may use a muzzleloader take a spike bull elk on an any general spike bull elk unit. Any bull units are closed to spike bull muzzleloader permittees.

(c) A person who has obtained a general muzzleloader any bull elk permit may use a muzzleloader take any bull elk on an any bull elk unit. Spike bull units are closed to any bull muzzleloader permittees.

(3) A person who has obtained a general muzzleloader elk permit may not hunt during any other elk hunt or obtain any other elk permit, except as provided in Subsection R657-5-48(3).

R657-5-46. Youth General Any Bull Elk Hunt.

(1)(a) For purposes of this section "youth" means any person 18 years of age or younger on the opening day of the youth any bull elk season published in the Bucks, Bulls and Once-In-A-Lifetime Proclamation of the Wildlife Board for taking big game.

(b) A youth may apply for or obtain a youth any bull elk permit.

(c) A youth may only obtain a youth any bull elk permit once during their youth.

(2) The youth any bull elk hunting season and areas are published in the Bucks, Bulls and Once-In-A-Lifetime Proclamation of the Wildlife Board for taking big game.

(3)(a) A youth who has obtained a youth general any bull elk permit may take any bull elk, including a spike bull elk, on a general any bull elk unit. Spike bull elk units are closed to youth general any bull elk permittees.

(b) A youth who has obtained a youth general any bull elk permit may use any legal weapon to take any bull elk as specified on the permit.

(4) A youth who has obtained a youth general any bull elk permit may not hunt during any other elk hunt or obtain any other elk permit, except as provided in Section R657-5-48(3).

(5) Preference points shall not be awarded or utilized when applying for, or in obtaining, youth general any bull elk permits.

R657-5-47. Premium Limited Entry and Limited Entry Bull Elk Hunts.

(1) To hunt in a premium limited entry or limited entry bull elk area, a hunter must obtain the respective premium limited entry or limited entry elk permit.

(2)(a) A premium limited entry bull elk permit allows a person, using the prescribed legal weapon, to take one bull elk within the area and to hunt all limited entry bull elk seasons specified in the hunt tables, published in the proclamation of the Wildlife Board for taking big game, for the area specified on the permit, except elk cooperative wildlife management units located within a premium limited entry unit. Spike bull elk restrictions do not apply to premium limited entry elk permittees.

(b) A limited entry bull elk permit allows a person, using the prescribed legal weapon, to take one bull elk within the area and season specified on the permit, except elk cooperative wildlife management units located within a limited entry unit. Spike bull elk restrictions do not apply to limited entry elk permittees.

(3)(a) A person who has obtained a premium limited entry, limited entry or cooperative wildlife management unit bull elk permit must report hunt information within 30 calendar days after the end of the hunting season, whether the permit holder was successful or unsuccessful in harvesting a bull elk.

(b) Limited entry and cooperative wildlife management unit bull elk permit holders must report hunt information by telephone, or through the division's Internet address.

(c) A person who fails to comply with the requirement in Subsection (a) shall be ineligible to apply for any once-in-a-lifetime, premium limited entry, limited entry, or cooperative wildlife management unit permit or bonus points in the following year.

(d) Late questionnaires may be accepted pursuant to Rule R657-42-9(3).

(4) A person who has obtained a premium limited entry or limited entry bull elk permit may not hunt during any other elk hunt or obtain any other elk permit, except as provided in Subsections (4)(a) and R657-5-48(3).

R657-5-48. Antlerless Elk Hunts.

(1) To hunt an antlerless elk, a hunter must obtain an antlerless elk permit.

(2)(a) An antlerless elk permit allows a person to take one antlerless elk using any legal weapon within the area and season as specified on the permit and in the Antlerless Addendum to the Bucks, Bulls and Once-In-A-Lifetime Proclamation of the Wildlife Board for taking big game.

(b) A person may not hunt on any cooperative wildlife management units unless that person obtains an antlerless elk permit for a cooperative wildlife management unit as specified on the permit.

(3)(a) A person may obtain two elk permits each year, provided one or both of the elk permits is an antlerless elk permit.

(b) For the purposes of obtaining two elk permits, a hunter's choice elk permit may not be considered an antlerless elk permit.

(4)(a) A person who obtains an antlerless elk permit and any of the permits listed in Subsection (b) may use the antlerless elk permit during the established season for the antlerless elk permit and during the established season for the permits listed in Subsection (b) provided:

(i) the permits are both valid for the same area;

(ii) the appropriate archery equipment is used if hunting with an archery permit;

(iii) the appropriate muzzleloader equipment is used if hunting with a muzzleloader permit.

(b)(i) General archery deer;

(ii) general archery elk;
(iii) general muzzleloader deer;
(iv) general muzzleloader elk;
(v) limited entry archery deer;
(vi) limited entry archery elk;
(vii) limited entry muzzleloader deer; or
(viii) limited entry muzzleloader elk.

R657-5-49. Buck Pronghorn Hunts.

(1) To hunt buck pronghorn, a hunter must obtain a buck pronghorn permit.

(2) A person who has obtained a buck pronghorn permit may not obtain any other pronghorn permit or hunt during any other pronghorn hunt.

(3)(a) A person who has obtained a limited entry or cooperative wildlife management unit buck pronghorn permit must report hunt information within 30 calendar days after the end of the hunting season, whether the permit holder was successful or unsuccessful in harvesting a buck pronghorn.

(b) Limited entry and cooperative wildlife management unit buck pronghorn permit holders must report hunt information by telephone, or through the Division's Internet address.

(c) A person who fails to comply with the requirement in Subsection (a) shall be ineligible to apply for any once-in-a-lifetime, premium limited entry, limited entry, or cooperative wildlife management unit permit or bonus points in the following year.

(d) Late questionnaires may be accepted pursuant to Rule R657-42-9(3).

(4) A buck pronghorn permit allows a person using any legal weapon to take one buck pronghorn within the area and season specified on the permit, except during the buck pronghorn archery hunt when only archery equipment may be used and on buck pronghorn cooperative wildlife management unit located within a limited entry unit.

R657-5-50. Doe Pronghorn Hunts.

(1) To hunt a doe pronghorn, a hunter must obtain a doe pronghorn permit.

(2)(a) A doe pronghorn permit allows a person to take one doe pronghorn, per doe pronghorn tag, using any legal weapon within the area and season as specified on the permit and in the Antlerless Addendum to the Bucks, Bulls and Once-In-A-Lifetime Proclamation of the Wildlife Board for taking big game.

(b) A person may not hunt on any cooperative wildlife management units unless that person obtains an antlerless moose permit for a cooperative wildlife management unit as specified on the permit.

(3) A person who has obtained a doe pronghorn permit may not hunt during any other pronghorn hunt or obtain any other pronghorn permit.

R657-5-51. Antlerless Moose Hunts.

(1) To hunt an antlerless moose, a hunter must obtain an antlerless moose permit.

(2)(a) An antlerless moose permit allows a person to take one antlerless moose using any legal weapon within the area and season as specified on the permit and in the Antlerless Addendum to the Bucks, Bulls and Once-In-A-Lifetime Proclamation of the Wildlife Board for taking big game.

(b) A person may not hunt on any cooperative wildlife management unit unless that person obtains an antlerless moose cooperative wildlife management unit as specified on the permit.

(3) A person who has obtained an antlerless moose permit may not hunt during any other moose hunt or obtain any other moose permit.

R657-5-52. Bull Moose Hunts.

(1) To hunt bull moose, a hunter must obtain a bull moose permit.

(2) A person who has obtained a bull moose permit may not obtain any other moose permit or hunt during any other moose hunt.

(3) A bull moose permit allows a person using any legal weapon to take one bull moose within the area and season specified on the permit, except in bull moose cooperative wildlife management units located within a limited entry unit.

(4)(a) A person who has obtained a bull moose permit must report hunt information within 30 calendar days after the end of the hunting season, whether the permit holder was successful or unsuccessful in harvesting a bull moose.

(b) Bull moose permit holders must report hunt information by telephone, or through the division's Internet address.

(c) A person who fails to comply with the requirement in Subsection (a) shall be ineligible to apply for any once-in-a-lifetime, premium limited entry, limited entry, or cooperative wildlife management unit permit or bonus points in the following year.

(d) Late questionnaires may be accepted pursuant to Rule R657-42-9(3).

R657-5-53. Bison Hunts.

(1) To hunt bison, a hunter must obtain a bison permit.

(2) A person who has obtained a bison permit may not obtain any other bison permit or hunt during any other bison hunt.

(3) The bison permit allows a person using any legal weapon to take a bison of either sex within the area and season as specified on the permit.

(4)(a) An orientation course is required for bison hunters who draw a an Antelope Island bison permit. Hunters shall be notified of the orientation date, time and location.

(b) The Antelope Island hunt is administered by the Division of Parks and Recreation.

(5) A Henry Mountain cow bison permit allows a person to take one cow bison using any legal weapon within the area and season as specified on the permit and in the Antlerless Addendum to the Bucks, Bulls and Once-In-A-Lifetime Proclamation of the Wildlife Board for taking big game.

(6) An orientation course is required for bison hunters who draw Henry Mountain cow bison permits. Hunters will be notified of the orientation date, time and location.

(7)(a) A person who has obtained a bison permit must report hunt information within 30 calendar days after the end of the hunting season, whether the permit holder was successful or unsuccessful in harvesting a bison.

(b) Bison permit holders must report hunt information by telephone, or through the division's Internet address.

(c) A person who fails to comply with the requirement in Subsection (a) shall be ineligible to apply for any once-in-a-lifetime, premium limited entry, limited entry, or cooperative wildlife management unit permit or bonus points in the following year.

(d) Late questionnaires may be accepted pursuant to Rule R657-42-9(3).

R657-5-54. Desert Bighorn and Rocky Mountain Bighorn Sheep Hunts.

(1) To hunt desert bighorn sheep or Rocky Mountain bighorn sheep, a hunter must obtain the respective permit.

(2) A person who has obtained a desert bighorn sheep or Rocky Mountain bighorn sheep permit may not obtain any other desert bighorn sheep or Rocky Mountain bighorn sheep permit or hunt during any other desert bighorn sheep or Rocky Mountain bighorn sheep hunt.

(3) Desert bighorn sheep and Rocky Mountain big horn sheep permits are considered separate once-in-a-lifetime hunting opportunities.

(4)(a) The desert bighorn sheep permit allows a person using any legal weapon to take one desert bighorn ram within the area and season specified on the permit.

(b) The Rocky Mountain sheep permit allows a person using any legal weapon to take one Rocky Mountain bighorn ram within the area and season specified on the permit.

(5) The permittee may attend a hunter orientation course. The division provides each permittee with the time and location of the course.

(6) All bighorn sheep hunters are encouraged to have a spotting scope with a minimum of 15 power while hunting bighorn sheep. Any ram may be legally taken, however, permittees are encouraged to take a mature ram. The terrain inhabited by bighorn sheep is extremely rugged, making this hunt extremely strenuous.

(7) Successful hunters must deliver the horns of the bighorn sheep to a division office within 72 hours of leaving the hunting area. A numbered seal will be permanently affixed to the horn indicating legal harvest.

(8)(a) A person who has obtained a desert bighorn sheep or Rocky Mountain bighorn sheep permit must report hunt information within 30 calendar days after the end of the hunting season, whether the permit holder was successful or unsuccessful in harvesting a desert bighorn sheep or Rocky Mountain bighorn sheep.

(b) Desert bighorn sheep or Rocky Mountain bighorn sheep permit holders must report hunt information by telephone, or through the division's Internet address.

(c) A person who fails to comply with the requirement in Subsection (a) shall be ineligible to apply for any once-in-a-lifetime, premium limited entry, limited entry, or cooperative wildlife management unit permit or bonus points in the following year.

(d) Late questionnaires may be accepted pursuant to Rule R657-42-9(3).

R657-5-55. Rocky Mountain Goat Hunts.

(1) To hunt Rocky Mountain goat, a hunter must obtain a Rocky Mountain goat permit.

(2) A person who has obtained a Rocky Mountain goat permit may not obtain any other Rocky Mountain goat permit or hunt during any other Rocky Mountain goat hunt.

(3) A Rocky Mountain goat of either sex may be legally taken on a hunter's choice permit. Permittees are encouraged to take a mature goat. A mature goat is a goat older than two years of age, as determined by counting the annual rings on the horn.

(4) The goat permit allows a person using any legal weapon to take one goat within the area and season specified on the permit.

(5) All goat hunters are encouraged to have a spotting scope with a minimum of 15 power while hunting goats. The terrain inhabited by Rocky Mountain goat is extremely rugged making this hunt extremely strenuous. The goat's pelage may be higher quality later in the hunting season.

(6) A female-goat only permit allows a person to take one female-goat using any legal weapon within the area and season as specified on the permit and in the Antlerless Addendum to the Bucks, Bulls and Once-In-A-Lifetime Proclamation of the Wildlife Board for taking big game.

(7) An orientation course is required for Rocky Mountain goat hunters who draw female-goat only permits. Hunters will be notified of the orientation date, time and location.

(8)(a) A person who has obtained a Rocky Mountain goat permit must report hunt information within 30 calendar days after the end of the hunting season, whether the permit holder was successful or unsuccessful in harvesting a Rocky Mountain goat.

(b) Rocky Mountain goat permit holders must report hunt information by telephone, or through the division's Internet address.

(c) A person who fails to comply with the requirement in Subsection (a) shall be ineligible to apply for any once-in-a-lifetime, premium limited entry, limited entry, or cooperative wildlife management unit permit or bonus points in the following year.

(d) Late questionnaires may be accepted pursuant to Rule R657-42-9(3).

R657-5-56. Depredation Hunter Pool Permits.

When deer, elk or pronghorn are causing damage, antlerless control hunts not listed in the Bucks, Bulls and Once-In-A-Lifetime Proclamation of the Wildlife Board for taking big game may be held as provided in Rule R657-44. These hunts occur on short notice, involve small areas, and are limited to only a few hunters.

R657-5-57. Antlerless Application - Deadlines.

(1) Applications are available through the division's Internet address.

(2) Residents may apply for, and draw the following permits, except as provided in Subsection (5):

(a) antlerless deer;

(b) antlerless elk;

(c) doe pronghorn; and

(d) antlerless moose.

(3) Nonresidents may apply in the drawing for, and draw the following permits, except as provided in Subsection (5):

(a) antlerless deer;

(b) antlerless elk;

(c) doe pronghorn; and

(d) antlerless moose, if permits are available during the current year.

(4) A youth may apply in the antlerless drawing as provided in Subsection (3) or Subsection R657-5-59(3).

(5) Any person who has obtained a pronghorn permit, or a moose permit may not apply for a doe pronghorn permit or antlerless moose permit, respectively, except as provided in Section R657-5-61.

(6) A person may not submit more than one application in the antlerless drawing per each species as provided in Subsections (2) and (3).

(7) Only a resident may apply for or obtain a resident permit and only a nonresident may apply for or obtain a nonresident permit, except as provided in Subsection R657-5-59(4) and Section R657-5-61.

(8)(a) Applications must be submitted online by the date prescribed in the Antlerless Addendum to the Bucks, Bulls and Once-In-A-Lifetime Proclamation of the Wildlife Board for taking big game.

(b) If an error is found on an application, the applicant may be contacted for correction.

(9) Any person who applies for a hunt that occurs on private land is responsible for obtaining written permission from the landowner to access the property. To avoid disappointment and wasting the permit and fee if access is not obtained, hunters should get written permission before applying. The division does not guarantee access and does not have the names of landowners where hunts occur.

(10) To apply for a resident permit, a person must establish residency at the time of purchase.

(11) The posting date of the drawing shall be considered the purchase date of a permit.

R657-5-58. Fees for Antlerless Applications.

The permit fees and handling fees must be paid pursuant to

Rule R657-42-8(5).

R657-5-59. Antlerless Big Game Drawing.

(1) Applicants shall be notified by mail of draw results by the date published in the Antlerless Addendum to the Bucks, Bulls and Once-In-A-Lifetime Proclamation of the Wildlife Board for taking big game.

(2) Permits are drawn in the order listed in the Antlerless Addendum to the Bucks, Bulls and Once-In-A-Lifetime Proclamation of the Wildlife Board for taking big game.

(3)(a) Twenty percent of the antlerless deer, elk and doe pronghorn permits are reserved for youth hunters.

(b) For purposes of this section, "youth" means any person 18 years of age or younger on the opening day of the general archery buck deer season.

(c) Youth hunters who wish to participate in the youth drawing must:

(i) submit an application in accordance with Section R657-5-57; and

(ii) not apply as a group.

(d) Youth applicants who apply for an antlerless deer, elk, or doe pronghorn permit as provided in Subsection (c), will automatically be considered in the youth drawing based upon their birth date.

(e) Any reserved permits remaining and any youth applicants who were not selected for reserved permits shall be returned to the antlerless drawing.

(4) If permits remain after all choices have been evaluated separately for residents and nonresidents, a second evaluation will be done allowing cross-over usage of remaining resident and nonresident permit quotas.

R657-5-60. Antlerless Application Refunds.

(1) Unsuccessful applicants will not be charged for a permit.

(2) The handling fees are nonrefundable.

R657-5-61. Over-the-Counter Permit Sales After the Antlerless Drawing.

Permits remaining after the drawing will be sold beginning on the date prescribed in the Antlerless Addendum to the Bucks, Bulls and Once-In-A-Lifetime Proclamation of the Wildlife Board for taking big game on a first-come, first-served basis from division offices, through participating online license agents, and through the mail.

R657-5-62. Corrections, Withdrawals and Resubmitting Applications.

(1)(a) If an error is found on the application, the applicant may be contacted for correction.

(b) The division reserves the right to correct applications.

(2)(a) An applicant may withdraw their application from the permit drawing by the date published in the respective proclamation of the Wildlife Board.

(b) Handling fees and hunting or combination license fees will not be refunded.

(3)(a) An applicant may amend their application for the permit drawing by resubmitting an application by the date published in the respective proclamation of the Wildlife Board.

R657-5-63. Special Hunts.

(1)(a) In the event that wildlife management objectives are not being met for once-in-a-lifetime, premium limited entry, or limited entry species, the division may recommend that the Wildlife Board authorize a special hunt for a specific species.

(b) The division will only utilize Subsection (1)(a) if the Bucks, Bulls and Once-In-A-Lifetime Proclamation and Antlerless Addendum to the Bucks, Bulls and Once-In-A-Lifetime Proclamation of the Wildlife Board for taking big game has been published and the Bucks, Bulls and Once-In-A-Lifetime and Antlerless drawings have been completed.

(2) The special hunt season dates, areas, number of permits, methods of take, requirements and other administrative details shall be provided in an addendum to the Bucks, Bulls and Once-In-A-Lifetime Proclamation or Antlerless Addendum of the Wildlife Board for taking big game.

(3) Permits will be allocated through a special drawing for the pertinent species.

R657-5-64. Special Hunt Application - Deadlines.

(1) Applications are available from license agents and division offices.

(2)(a) Residents and nonresidents may apply.

(b) Any person who was unsuccessful in the Bucks, Bulls and Once-In-A-Lifetime or Antlerless drawing may apply. However, any person who has obtained a permit may not apply, unless otherwise provided in this rule and the Bucks, Bulls and Once-In-A-Lifetime Proclamation or Antlerless Addendum to the Bucks, Bulls and Once-In-A-Lifetime Proclamation of the Wildlife Board for taking big game.

(3)(a) Applications must be mailed by the date prescribed in the addendum to the Bucks, Bulls and Once-In-A-Lifetime Proclamation or Antlerless Addendum to the Bucks, Bulls and Once-In-A-Lifetime Proclamation of the Wildlife Board for taking big game. Applications filled out incorrectly or received later than the date prescribed in the addendum to the Bucks, Bulls and Once-In-A-Lifetime Proclamation or Antlerless Addendum of the Bucks, Bulls and Once-In-A-Lifetime Proclamation of the Wildlife Board for taking big game may be rejected. Late applications will be returned unopened.

(b) If an error is found on an application, the applicant may be contacted for correction.

(4) Bonus points will be used in the special hunt drawings to improve odds for drawing permits as provided in Section R657-5-37. However, bonus points will not be awarded for unsuccessful applications in the special hunt drawings.

(5) Any person who obtains a special hunt permit is subject to all rules and regulations provided in this rule, the Bucks, Bulls and Once-In-A-Lifetime Proclamation and Antlerless Addendum to the Bucks, Bulls and Once-In-A-Lifetime Proclamation of the Wildlife Board for taking big game, unless otherwise provided in Sections R657-5-63 through R657-5-68.

R657-5-65. Fees for Special Hunt Applications.

Fees and handling fees must be paid pursuant to Rule R657-42-8(5).

R657-5-66. Special Hunt Drawing.

(1) Applicants shall be notified by mail of draw results by the date published in an addendum to the Bucks, Bulls and Once-In-A-Lifetime Proclamation of the Wildlife Board for taking big game or the Antlerless Addendum to the Bucks, Bulls and Once-In-A-Lifetime Proclamation of the Wildlife Board for taking big game.

(2) If permits remain after all choices have been evaluated separately for residents and nonresidents, a second evaluation will be done allowing cross-over usage of remaining resident and nonresident permit quotas.

R657-5-67. Special Hunt Application Refunds.

(1) Unsuccessful applicants, who applied on the initial drawing and who applied with a check or money order will receive a refund within six weeks after posting of the drawing results.

(2) Unsuccessful applicants, who applied with a credit or debit card, will not be charged for a permit.

(3) The handling fees are nonrefundable.

R657-5-68. Permits Remaining After the Special Hunt Drawing.

Permits remaining after the special hunt drawing may be sold by mail or on a first-come, first-served basis as provided in the addendum to the Bucks, Bulls and Once-In-A-Lifetime or Antlerless Addendum of the Wildlife Board for taking big game. These permits may be purchased by either residents or nonresidents.

R657-5-69. Carcass Importation.

(1) It is unlawful to import dead elk, mule deer, or white-tailed deer or their parts from the areas of any state, province, game management unit, equivalent wildlife management unit, or county, which has deer or elk diagnosed with Chronic Wasting Disease, except the following portions of the carcass:

(a) meat that is cut and wrapped either commercially or privately;

(b) quarters or other portion of meat with no part of the spinal column or head attached;

(c) meat that is boned out;

(d) hides with no heads attached;

(e) skull plates with antlers attached that have been cleaned of all meat and tissue;

(f) antlers with no meat or tissue attached;

(g) upper canine teeth, also known as buglers, whistlers, or ivories; or

(h) finished taxidermy heads.

(2)(a) The affected states, provinces, game management units, equivalent wildlife management units, or counties, which have deer or elk diagnosed with Chronic Wasting Disease shall be available at division offices and through the division's Internet address.

(b) Importation of harvested elk, mule deer or white-tailed deer or their parts from the affected areas are hereby restricted pursuant to Subsection (1).

(3) Nonresidents of Utah transporting harvested elk, mule deer, or white-tailed deer from the affected areas are exempt if they:

(a) do not leave any part of the harvested animal in Utah and do not stay more than 24 hours in the state of Utah;

(b) do not have their deer or elk processed in Utah; or

(c) do not leave any parts of the carcass in Utah.

R657-5-70. Chronic Wasting Disease - Infected Animals.

(1) Any person who under the authority of a permit issued by the division legally takes a deer or elk that is later confirmed to be infected with Chronic Wasting Disease may:

(a) retain the entire carcass of the animal;

(b) retain any parts of the carcass, including antlers, and surrender the remainder to the division for proper disposal; or

(c) surrender all portions of the carcass in their actual or constructive possession, including antlers, to the division and receive a free new permit the following year for the same hunt.

(2) The new permit issued pursuant to Subsection (1)(c) shall be for the same species, sex, weapon type, unit, region, and otherwise subject to all the restrictions and conditions imposed on the original permit, except season dates for the permit shall follow the proclamation of the Wildlife Board for taking big game published in the year the new permit is valid.

(3) Notwithstanding other rules to the contrary, private landowners and landowner associations may refuse access to private property to persons possessing new permits issued under Subsection (1)(c).

R657-5-71. Management Bull Elk Hunt.

(1)(a) For the purposes of this section "management bull" means any bull elk with 5 points or less on at least one antler. A point means a projection longer than one inch, measured from its base to its tip.

(b) For purposes of this section "youth" means any person 18 years of age or younger on the opening day of the management bull elk archery season published in the Bucks, Bulls and Once-In-A-Lifetime Proclamation of the Wildlife Board for taking big game.

(c) For the purposes of this section "senior" means any person 65 years of age or older on the opening day of the management bull elk archery season published in the Bucks, Bulls and Once-In-A-Lifetime Proclamation of the Wildlife Board for taking big game.

(2)(a) Management bull elk permits shall be distributed through the division's big game drawing. Thirty percent of the permits are allocated to youth, 30 percent to seniors and the remaining 40 percent to hunters of all ages.

(b) Group application shall not be accepted in the division's big game drawing for management bull elk permits.

(3) Waiting periods as provided in R657-5-31 are incurred as a result of obtaining management bull elk permits.

(4)(a) Bonus points shall be awarded when an applicant is unsuccessful in obtaining a management bull elk permit in the big game drawing.

(b) Bonus points shall be expended when an applicant is successful in obtaining a management bull elk permit in the big game drawing.

(5) Management bull elk permit holders may take one management bull elk during the season, on the area and with the weapon type specified on the permit. Management bull elk hunting seasons, areas and weapon types are published in the Bucks, Bulls and Once-In-A-Lifetime Proclamation of the Wildlife Board for taking big game.

(6)(a) A person who has obtained a management bull elk permit must report hunt information within 30 calendar days after the end of the hunting season, whether the permit holder was successful or unsuccessful in harvesting a management bull elk.

(b) Management bull elk permit holders must report hunt information by telephone, or through the division's Internet address.

(7)(a) Management bull elk permit holders who successfully harvest a management bull elk, as defined in Subsection (1)(a) must have their animal inspected by the division.

(b) Successful hunters must deliver the head and antlers of the elk they harvest to a division office for inspection within 48 hours after the date of kill.

(8) Management bull elk permit holders may not retain possession of any harvested bull elk that fails to satisfy the definition requirements in Subsection (1)(a).

(9) A person who has obtained a management bull elk permit may not hunt during any other elk hunt or obtain any other elk permit, except as provided in Section R657-5-48(3).

R657-5-72. General Any Weapon Buck Deer and Bull Elk Combination Hunt.

(1) Permit numbers, season dates and unit boundary descriptions for the general any weapon buck deer and bull elk combination hunt shall be established in the Bucks, Bulls and Once-In-A-Lifetime Proclamation of the Wildlife Board for taking big game.

(2) A person who obtains a general any weapon buck deer and bull elk combination permit may use any legal weapon to take one buck deer and one bull elk during the season and within the unit specified on the permit.

(a) A general any weapon buck deer and bull elk combination permit does not authorize the holder to hunt deer or elk within any cooperative wildlife management unit.

(3) A person who has obtained a general any weapon buck deer and bull elk combination permit may not hunt during any other deer or elk hunt or obtain any other deer or elk permit,

except:

(a) antlerless deer, as provided in Subsection R657-5-42, and

(b) antlerless elk, as provided in Subsection R657-5-48.

(4)(a) Lifetime license holders may obtain a general any weapon buck deer and bull elk combination permit.

(b) Upon obtaining a general any weapon buck deer and bull elk combination permit, the lifetime license holder foregoes any rights to receive a buck deer permit for the general archery, general any weapon or general muzzleloader deer hunts as provided in Section 23-19-17.5.

(c) A refund or credit is not issued for the general archery, general any weapon or general muzzleloader deer permit.

R657-5-73. Management Buck Deer Hunt.

(1)(a) For the purposes of this section "management buck" means any buck deer with 3 points or less on at least one antler above and including the first fork in the antler. A point means a projection longer than one inch, measured from its base to its tip. The eye guard is not counted as a point.

(b) For purposes of this section "youth" means any person 18 years of age or younger on the opening day of the management buck deer archery season published in the Bucks, Bulls and Once-In-A-Lifetime Proclamation of the Wildlife Board for taking big game.

(c) For the purposes of this section "senior" means any person 65 years of age or older on the opening day of the management buck deer archery season published in the Bucks, Bulls and Once-In-A-Lifetime Proclamation of the Wildlife Board for taking big game.

(2)(a) Management buck deer permits shall be distributed through the division's big game drawing. Thirty percent of the permits are allocated to youth, 30 percent to seniors and the remaining 40 percent to hunters of all ages.

(b) Group application shall not be accepted in the division's big game drawing for management buck deer permits.

(3) Waiting periods as provided in R657-5-30 are incurred as a result of obtaining management buck deer permits.

(4)(a) Bonus points shall be awarded when an applicant is unsuccessful in obtaining a management buck deer permit in the big game drawing.

(b) Bonus points shall be expended when an applicant is successful in obtaining a management buck deer permit in the big game drawing.

(5) Management buck deer permit holders may take one management buck deer during the season, on the area and with the weapon type specified on the permit. Management buck deer hunting seasons, areas and weapon types are published in the Bucks, Bulls and Once-In-A-Lifetime Proclamation of the Wildlife Board for taking big game.

(6)(a) A person who has obtained a management buck deer permit must report hunt information within 30 calendar days after the end of the hunting season, whether the permit holder was successful or unsuccessful in harvesting a management buck deer.

(b) Management buck deer permit holders must report hunt information by telephone, or through the division's Internet address.

(7)(a) Management buck deer permit holders who successfully harvest a management buck deer, as defined in Subsection (1)(a) must have their animal inspected by the division.

(b) Successful hunters must deliver the head and antlers of the deer they harvest to a division office for inspection within 48 hours after the date of kill.

(8) Management buck deer permit holders may not retain possession of any harvested buck deer that fails to satisfy the definition requirements in Subsection (1)(a).

(9) A person who has obtained a management buck deer permit may not hunt during any other deer hunt or obtain any other deer permit, except as provided in Section R657-5-42(4).

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R657. Natural Resources, Wildlife Resources.
R657-42. Fees, Exchanges, Surrenders, Refunds and Reallocation of Wildlife Documents.
R657-42-1. Purpose and Authority.

(1) Under the authority of Sections 23-19-1 and 23-19-38 the division may issue wildlife documents in accordance with the rules of the Wildlife Board.

(2) This rule provides the standards and procedures for the:

(a) exchange of permits;
(b) surrender of wildlife documents;
(c) refund of wildlife documents;
(d) reallocation of permits; and
(e) assessment of late fees.

R657-42-2. Definitions.

(1) Terms used in this rule are defined in Section 23-13-2 and the applicable rules and proclamations of the Wildlife Board.

(2) In addition:

(a) "Alternate drawing lists" means a list of persons who have not already drawn a permit and would have been the next person in line to draw a permit.

(b) "Deployed or mobilized" means that a person provides military or emergency services in the interest of national defense or national emergency pursuant to the demand, request or order of their employer.

(c) "Landowner association operator" for purposes of this rule, means:

(i) a landowner association or any of its members eligible to receive limited entry landowner permits as provided in Rule R657-43; or

(ii) Cooperative Wildlife Management Unit (CWMU) landowner association or its designated operator as provided in Rule R657-37.

(d) "Wildlife document" means any license, permit, tag, or certificate of registration issued by the division.

R657-42-3. Exchanges.

(1)(a) Any person who has obtained a general buck deer or a general bull elk permit may exchange that permit for any other available general permit if both permits are for the same species and sex.

(b) A person must make general buck deer and general bull elk permit exchanges at any division office prior to the season opening date of the permit to be exchanged.

(2) Any person who has obtained a cougar harvest objective unit permit may exchange that permit for any other available cougar harvest objective unit permit as provided in Rule R657-10.

(3) Any person who has obtained a limited entry bear any weapon or limited entry bear archery permit may exchange that permit for a limited entry bear archery or limited entry bear any weapon permit, respectively.

(4) Any person who has obtained a Dedicated Hunter Permit may exchange that permit for any other available Dedicated Hunter Permit as provided in Rule R657-38.

(5) The division may charge a handling fee for the exchange of a permit.

R657-42-4. Surrenders.

(1) Any person who has obtained a wildlife document and decides not to use it, may surrender the wildlife document to any division office.

(2) Any person who has obtained a wildlife document may surrender the wildlife document prior to the season opening date of the wildlife document for the purpose of:

(a) waiving the waiting period normally assessed and reinstating the number of bonus points, including a bonus point for the current year as if a permit had not been drawn, if applicable;

(b) reinstating the number of preference points, including a preference point for the current year as if a permit had not been drawn, if applicable; or

(c) purchasing a reallocated permit or any other permit available for which the person is eligible.

(3) A CWMU permit must be surrendered prior to the applicable season opening date provided by the CWMU operator, except as provided in Section R657-42-11.

(4) Dedicated hunter participants must surrender their permits prior to the general archery deer season, except as provided in Section R657-38-6.

(5) A person may surrender a limited-entry, premium limited-entry or once-in-a-lifetime permit received through a group application in the Bucks, Bulls and Once-in-a-Lifetime drawing and have their bonus points for that permit species reinstated, provided;

(a) all group members surrender their permits; and

(b) all permits are surrendered to the division more than 30 days before the start of the season for which the permit is valid.

(6) A person may surrender a general season permit received through a group application in the Bucks, Bulls and Once-in-a-Lifetime drawing and have their preference points reinstated, provided;

(a) all members of the group surrender their permits to the division prior to the start of the season for which the permit is valid.

(7) Notwithstanding Subsections (5)(b) and (6)(a), a person who obtains a permit through a group application in the Bucks, Bulls and Once-in-a-Lifetime drawing may surrender that permit after the opening date of the applicable hunting season and have the bonus points for the permit species restored, provided the person;

(a) is a member of United States Armed Forces or public health or public safety organization and is deployed or mobilized in the interest of national defense or national emergency;

(b) surrenders the permit to the division, with the tag attached and intact, or signs an affidavit verifying the permit is no longer in their possession within one year of the end of hunting season authorized by the permit; and

(c) satisfies the requirements for receiving a refund in R657-42-5(3)(c) and (d).

(8) The division may not issue a refund, except as provided in Section R657-42-5.

R657-42-5. Refunds.

(1) The refund of a license, certificate of registration or permit shall be made in accordance with:

(a) Section 23-19-38 and Rule R657-50;
(b) Section 23-19-38.2 and Subsection (3); or
(c) Section 23-19-38 and Subsection (4).

(2)(a) An application for a refund may be obtained from any division office.

(b) All refunds must be processed through the Salt Lake Division office.

(3) A person may receive a refund in accordance with Subsection (3) for a wildlife document if that person was deployed or mobilized on or after September 11, 2001, in the interest of national defense or national emergency and is thereby completely precluded from participating in the hunting or fishing activity authorized by the wildlife document, provided:

(a) the refund request is made to the division within one year of the end of the hunting or fishing season authorized by the wildlife document;

(b) the person surrenders the wildlife document to the division, or signs an affidavit stating the wildlife document is no longer in the person's possession; and

(c) the person verifies that the deployment or mobilization completely precluded them from participating in the activity authorized by the wildlife document, except as provided in Subsection (5); and

(d) the person provides military orders, or a letter from an employment supervisor on official public health or public safety organization letterhead stating:

(i) the branch of the United States Armed Forces, or name of the public health organization or public safety organization from which they were deployed or mobilized; and

(ii) the nature and length of their duty while deployed or mobilized.

(4) The division may issue a refund for a wildlife document if the person to whom it was issued dies prior to participating in the hunting or fishing activity authorized by the wildlife document, provided:

(a) The person legally entitled to administer the decedent's estate provides the division with:

(i) picture identification;

(ii) letters testamentary, letters of administration, or such other evidence establishing the person is legally entitled to administer the affairs of the decedent's estate;

(iii) a photocopy of the decedent's certified death certificate; and

(iv) the wildlife document for which a refund is requested.

(5) The director may determine that a person did not have the opportunity to participate in an activity authorized by the wildlife document.

(6) The division may reinstate a bonus point or preference point, whichever is applicable, and waive waiting periods, if applicable, when issuing a refund in accordance with this Section.

R657-42-6. Reallocation of Permits.

(1)(a) The division may reallocate surrendered limited entry, once-in-a-lifetime and CWMU permits.

(b) The division shall not reallocate resident and nonresident big game general permits.

(2) Permits shall be reallocated through the Salt Lake Division office.

(3)(a) Any limited entry, once-in-a-lifetime or public CWMU permit surrendered to the division shall be reallocated through the drawing process by contacting the next person listed on the alternate drawing list or as provided in Subsection (b).

(b) A person who is denied a permit due to an error in issuing permits may be placed on the alternate drawing list to address the error, if applicable, in accordance with the Rule R657-50.

(c) The alternate drawing lists are classified as private and therefore, protected under the Government Records Access Management Act.

(d) The division shall make a reasonable effort to contact the next person on the alternate list by telephone or mail.

(e) If the next person, who would have drawn the limited entry, once-in-a-lifetime or public CWMU permit, does not accept the permit or the division is unable to contact that person, the reallocation process will continue until the division has reallocated the permit or the season closes for that permit.

(4) If the next person, who would have drawn the limited entry, once-in-a-lifetime or public CWMU permit has obtained a permit, that person may be required to surrender the previously obtained permit in accordance with Section R657-42-4(2) and any other applicable rules and proclamations of the Wildlife Board.

(5) Any private CWMU permit surrendered to the division will be reallocated by the landowner through a voucher, issued to the landowner by the division in accordance with Rule R657-37.

(6)(a) The division may allocate additional general deer permits and limited entry permits, if it is consistent with the unit's biological objectives, to address errors in accordance with Rule R657-50.

(b) The division shall not allocate additional CWMU and Once-In-A-Lifetime permits.

(c) The division may extend deadlines to address errors in accordance with Rule R657-50.

R657-42-7. Reallocated Permit Cost.

(1) Any person who accepts the offered reallocated permit must pay the applicable permit fee.

(2) The division may not issue a refund, except as provided in Section R657-42-5.

R657-42-8. Accepted Payment of Fees.

(1) Personal checks, business checks, money orders, cashier's checks, and credit or debit cards are accepted for payment of wildlife documents.

(2) Personal or business checks drawn on an out-of-state account are not accepted.

(3) Third-party checks are not accepted.

(4) All payments must be made payable to the Utah Division of Wildlife Resources.

(5)(a) Credit or debit cards must be valid at least 30 days after any drawing results are posted.

(b) Checks, and credit or debit cards will not be accepted as combined payment on single or group applications.

(c) If applicable, if applicants are applying as a group, all fees for all applicants in that group must be charged to one credit or debit card.

(d) Handling fees and donations are charged to the credit or debit card when the application is processed.

(e) Application amendment fees must be paid by credit or debit card.

(f) Permit fees may be charged to the credit or debit card prior to the posting date of the drawings, if successful.

(g) The division shall not be held responsible for bank charges incurred for the use of credit or debit cards.

(6)(a) An application is voidable if the check is returned unpaid from the bank or the credit or debit card is invalid or refused.

(b) The division charges a returned check collection fee for any check returned unpaid.

(7)(a) A license or permit is voidable if the check is returned unpaid from the bank or the credit or debit card is invalid or refused.

(b) The Division may make attempt to contact the successful applicant by phone or mail to collect payment prior to voiding the license or permit.

(c) The Division shall reinstate the applicant's bonus points or preference points, whichever is applicable, and waive waiting periods, if applicable, when voiding a permit in accordance with Subsection (b).

(d) A permit which is deemed void in accordance with Subsection (b) may be reissued by the Division to the next person listed on the alternate drawing list.

(8)(a) A license or permit received by a person shall be deemed invalid if payment for that license or permit is not received, or a check is returned unpaid from the bank, or the credit or debit card is invalid or refused.

(b) A person must notify the division of any change of credit or debit card numbers if the credit or debit card is invalid or refused.

(9) Hunting with a permit where payment has not been received for that permit constitutes a violation of hunting without a valid permit.

(10) The division may require a money order or cashier's check to correct payment for a license, permit, or certificate of registration.

(11) Any person who fails to pay the required fee for any wildlife document, shall be ineligible to obtain any other wildlife document until the delinquent fees and associated collection costs are paid.

R657-42-9. Assessment of Late Fees.

(1) Any wildlife application submitted under the Utah Administrative Code Rules provided in Subsection (a) through (e), within 30 days of the applicable application deadline established in such rules, in the proclamations of the Wildlife Board, or by the division may be processed only upon payment of a late fee as provided by the approved fee schedule.

(a) R657-52, Commercial Harvesting of Brine Shrimp and Brine Shrimp Eggs;

(b) R657-21, Cooperative Wildlife Management Units for Small Game;

(c) R657-22, Commercial Hunting Areas;

(d) R657-37, Cooperative Wildlife Management Units for Big Game; or

(e) R657-43, Landowner Permits.

(2) Any person who fails to report their Big Game hunt information pursuant to R657-5 Taking Big Game, within 30 calendar days of the ending season date for their once-in-a-lifetime, premium limited entry, limited entry, or cooperative wildlife management unit hunt may apply for a Big Game permit or bonus point in the following year provided:

(a) the survey is completed and submitted to the division at least 5 days prior to the close of the Big Game application period established in the proclamation of the Wildlife Board.

(b) the late fee established in the approved fee schedule is paid to the Division through the 1-800 number as listed in the Big Game proclamation.

(c) The accepted method of payment of fee is only a credit or debit card.

(3) Any person who fails to report their Swan hunt information pursuant to R657-9-7, within 30 calendar days of the ending season date for their Swan hunt may apply for a Swan permit in the following year provided:

(a) the survey is completed and submitted to the division at least 5 days prior to the close of the Swan application period established in the proclamation of the Wildlife Board.

(b) the late fee established in the approved fee schedule is paid to the Division through the 1-800 number as listed in the Waterfowl proclamation.

(c) The accepted method of payment of fee is only a credit or debit card.

R657-42-10. Duplicates.

(1) If an unexpired wildlife document is destroyed, lost or stolen, a person may obtain a duplicate from a division office or online license agent, for a duplicate fee as provided in the fee schedule.

(2) The division may waive the fee for a duplicate unexpired wildlife document provided the person did not receive the original wildlife document.

(3) To obtain the duplicate wildlife document, the applicant may be required to complete an affidavit testifying to such loss, destruction or theft.

R657-42-11. Surrender of Cooperative Wildlife Management Unit or Limited Entry Landowner Permits.

(1) A person who has obtained a CWMU or limited entry landowner permit may surrender the permit after the deadline provided in Subsection R657-42-4(3) for CWMU permits and after the season opening date for limited entry landowner permits for the purpose of:

(a) death in accordance with Section 23-19-38, Subsection (2) and Section R657-42-5(4);

(b) injury or illness in accordance with Section 23-19-38 and Subsection (2);

(c) deployment or mobilization in the interest of national defense or national emergency in accordance with Section 23-19-38.2 and Subsection (2); or

(d) an error occurring in issuing the permit in accordance with Subsection (2) and Rule R657-50.

(2)(a) The permittee and the landowner association operator must sign an affidavit stating that the permittee has not participated in any hunting activity.

(b) The permittee and landowner association operator signatures must be notarized.

(c) The affidavit and unused permit must be submitted to the division.

(3)(a) The division may reissue a voucher to a landowner association operator, or reallocate a surrendered permit in accordance with Section 23-19-38 and as provided in Subsections (b) and (c).

(b) The division may reallocate a surrendered permit:

(i) originally issued by the division through the big game drawing process in accordance with Section R657-42-6; or

(ii) originally issued by the division through a voucher redemption in the form of a new voucher issued to the landowner association operator.

(c) Reissuance of vouchers or reallocation of permits under this section may only occur in the year in which the surrendered permit was valid.

KEY: wildlife, permits

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Notice of Continuation May 8, 2008	**23-19-38**
	23-19-38.2

R657. Natural Resources, Wildlife Resources.
R657-62. Drawing Application Procedures.
R657-62-1. Purpose and Authority.

(1) Under authority of Sections 23-14-18 and 23-14-19, the Wildlife Board has established this rule for drawing applications and procedures.

(2) Specific season dates, bag and possession limits, areas open, number of permits and other administrative details that may change annually are published in the respective proclamations of the Wildlife Board.

R657-62-2. Definitions.

(1) Terms used in this rule are defined in Section 23-13-2.

(2) In addition:

(a) "Application" means a form required by the Division which must be completed by a person and submitted to the Division in order to apply for a hunting permit.

(b) "Immediate family" means the landowner's lessee, or the landowner's or lessee's spouse, children, son-in-law, daughter-in-law, father, mother, father-in-law, mother-in-law, brother, sister, brother-in-law, sister-in-law, stepchildren, and grandchildren.

(c) "Landowner" means any individual, family or corporation who owns property in Utah and whose name appears on the deed as the owner of eligible property or whose name appears as the purchaser on an executed contract for sale of eligible property.

(d) "Limited entry hunt" means any hunt listed in the hunt tables published by the Wildlife Board and is identified as a premium limited entry hunt or limited entry hunt. "Limited entry hunt" does not include cougar pursuit or bear pursuit.

(e) "Limited entry permit" means any permit obtained for a limited entry hunt, including conservation permits, convention permits and sportsman permits.

(f)(i) "Valid application" means an application:

(A) for a permit to take a species for which the applicant is eligible to possess;

(B) for a permit to take a species regardless of estimated permit numbers; and

(C) containing sufficient information, as determined by the division, to process the application, including personal information, hunt information, and sufficient payment.

(ii) Applications missing any of the items in Subsection (i) may be considered valid if the application is timely corrected through the application correction process.

(g) "Waiting period" means a specified period of time that a person who has obtained a permit must wait before applying for the same permit type.

(h) "Once-in-a-lifetime hunt" means any hunt listed in the hunt tables published by the Wildlife Board and is identified as once-in-a-lifetime, and does not include general or limited entry hunts.

(i) "Once-in-a-lifetime permit" means any permit obtained for a once-in-a-lifetime hunt by any means, including conservation permits, sportsman permits, cooperative wildlife management unit permits and limited entry landowner permits.

R657-62-3. Scope of Rule.

(1) This rule sets forth the procedures and requirements for completing and filing applications to receive the following hunting permits and/or certificates of registrations:

(a) Dedicated Hunter certificate of registrations;
(b) limited-entry deer;
(c) limited-entry elk;
(d) limited-entry pronghorn;
(e) once-in-a-lifetime;
(f) public cooperative wildlife management unit;
(g) general season deer and youth elk;
(h) bear;
(i) antlerless big game;
(j) sandhill crane;
(k) sharp-tail and sage grouse;
(l) swan
(m) cougar;
(n) sportsman; and
(o) turkey.

R657-62-4. Residency Restrictions.

(1) Only a resident may apply for or obtain a resident permit and only a nonresident may apply for or obtain a nonresident permit.

(2)(a) To apply for a resident permit, a person must be a resident at the time of purchase.

(b) The posting date of the drawing shall be considered the purchase date of a permit issued through a drawing.

R657-62-5. Hunting on Private Lands.

(1) Any person who applies for a hunt that occurs on private land is responsible for obtaining written permission from the landowner to access the property. The division does not guarantee access and cannot restore lost opportunity, bonus points, or permit fees when access is denied. Hunters should contact private landowners for permission to access their land prior to applying for a permit. The Division does not have the names of landowners where hunts occur.

R657-62-6. Applications.

(1)(a) Applications are available at the division's internet address, and must be completed and submitted online by the date prescribed in the respective proclamation of the Wildlife Board.

(b) The permit fees and handling fees must be paid with a valid debit or credit card.

(c) Any license or permit issued to a person is invalid where full payment is not remitted to and received by the division.

(d) A person who applies for or obtains a permit must notify the division of any change in mailing address, residency, telephone number, and physical description.

R657-62-7. Group Applications.

(1) When applying as a group all applicants in the group with valid applications and eligible to possess the permit applied for shall receive a permit where the group is successful in the drawing.

(2) Group members must apply for the same hunt choices.

(3) When applying as a group, if the permit quota available is not large enough to accommodate the group size, the group application will not be considered.

R657-62-8. Bonus Point System.

(1) Bonus points are used to improve odds for drawing permits.

(2)(a) A bonus point is awarded for:

(i) each valid unsuccessful application when applying for limited-entry permits; or

(ii) each valid application when applying for bonus points.

(b) Bonus points are awarded by species for;

(i) limited-entry deer including cooperative wildlife management unit buck deer and management buck deer;

(ii) limited-entry elk including cooperative wildlife management unit bull elk and management bull elk;

(iii) limited-entry pronghorn including cooperative wildlife management unit buck pronghorn;

(iv) once-in-a-lifetime species including cooperative wildlife management units;

(v) bear;

(vi) antlerless moose;

(vii) cougar; and
(viii) turkey
(3)(a) A person may not apply in the drawing for both a permit and a bonus point for the same species.
(b) A person may not apply for a bonus point if that person is ineligible to apply for a permit for the respective species.
(c) Group applications will not be accepted when applying for bonus points.
(d) A person may apply for bonus points only during the applicable drawing application for each species.
(4)(a) Fifty percent of the permits for each hunt unit will be reserved for applicants with the greatest number of bonus points.
(b) Based on the applicant's first choice, the reserved permits will be designated by a random drawing number to eligible applicants with the greatest number of bonus points for each species.
(c) If reserved permits remain, the reserved permits will be designated by a random number to eligible applicants with the next greatest number of bonus points for each species.
(d) The procedure in Subsection (c) will continue until all reserved permits are issued or no applications for that species remain.
(e) Any reserved permits remaining and any applicants who are not selected for reserved permits will be returned to the applicable drawing.
(5)(a) Each applicant receives a random drawing number for:
(i) each species applied for; and
(ii) each bonus point for that species.
(6) Bonus points are forfeited if a person obtains a permit through the drawing for that bonus point species including any permit obtained after the drawing.
(7) Bonus points are not forfeited if:
(a) a person is successful in obtaining a conservation permit, convention permit or sportsman permit;
(b) a person obtains a landowner or a cooperative wildlife management unit permit from a landowner; or
(c) a person obtains a poaching-reported reward permit.
(8) Bonus points are not transferable.
(9) Bonus points are averaged and rounded down when two or more applicants apply together on a group application.
(10)(a) Bonus points are tracked using social security numbers or division-issued customer identification numbers.
(b) The division shall retain electronic copies of applications from 1996 to the current drawings for the purpose of researching bonus point records.
(c) Any requests for researching an applicant's bonus point records must be submitted within the time frames provided in Subsection (b).
(d) Any bonus points on the division's records shall not be researched beyond the time frames provided in Subsection (b).
(e) The division may void or otherwise eliminate any bonus point obtained by fraud, deceit, misrepresentation, or in violation of law.

R657-62-9. Preference Points.
(1) Preference points are used in the applicable drawings to ensure that applicants who are unsuccessful in the drawing will have first preference in the next year's drawing.
(2)(a) A preference point is awarded for:
(i) each valid, unsuccessful application of the first-choice hunt when applying for a general buck deer permit; or
(ii) each valid unsuccessful application when applying for an antlerless deer, antlerless elk, or doe pronghorn permit; or
(iii) each valid application when applying only for a preference point in the applicable drawings.
(b) Preference points are awarded by species for:
(i) general buck deer;
(ii) antlerless deer;
(iii) antlerless elk; and
(iv) doe pronghorn.
(3)(a) A person may not apply in the drawing for both a preference point and a permit for the species listed in (2)(b).
(b) A person may not apply for a preference point if that person is ineligible to apply for a permit.
(c) Preference points shall not be used when obtaining remaining permits.
(4) General buck deer preference points are forfeited if a person obtains a first-choice hunt general buck deer permit.
(5) an antlerless deer permit, an antlerless elk permit or doe pronghorn permit through the drawing.
(6) Preference points are not transferable.
(7) Preference points are averaged and rounded down when two or more applicants apply together on a group application.
(8)(a) Preference points are tracked using social security numbers or customer identification numbers.
(b) The division shall retain copies of electronic applications from 2000 to the current applicable drawings for the purpose of researching preference point records.
(c) Any requests for researching an applicant's preference point records must be submitted within the time frames provided in Subsection (b).
(d) Any preference points on the division's records shall not be researched beyond the time frames provided in Subsection (b).
(e) The division may eliminate any preference point obtained by fraud, deceit, misrepresentation, or in violation of law.

R657-62-10. Corrections, Withdrawals and Resubmitting Applications.
(1)(a) If an error is found on the application, the applicant may be contacted for correction.
(b) The division reserves the right to correct or reject applications.
(2)(a) An applicant may withdraw their application from the permit drawing by the date published in the respective proclamation of the Wildlife Board.
(b) An applicant may resubmit their application, after withdrawing a previous application, for the permit drawing by the date published in the respective proclamation of the Wildlife Board.
(c) Handling fees, hunting or combination license fees and donations will not be refunded. Resubmitted applications will incur a handling fee.
(3) To withdraw an entire group application, all applicants must withdraw their individual applications.

R657-62-11. Drawing Results.
Applicants will be notified by mail or e-mail of drawing results by the date prescribed in the respective proclamation of the Wildlife Board.

R657-62-12. License, Permit and Handling Fees.
(1) Unsuccessful applicants will not be charged for a permit or certificate of registration.
(2) The handling fees and hunting or combination license fees are nonrefundable.
(3) All license, permit and handling fees must be paid with a valid debit or credit card.

R657-62-13. Permits Remaining After the Drawing.
(1) Any permits remaining after the drawing are available on the date published in the respective proclamation on a first-come, first-served basis from division offices, participating license agents and through the division's internet site.

R657-62-14. Waiting Periods for Permits Obtained After the Drawing.

(1) Waiting periods do not apply to the purchase of remaining permits sold over the counter

(2) However, waiting periods are incurred as a result of purchasing remaining permits after the drawing. Therefore, if a remaining permit is purchased in the current year, waiting periods will be in effect when applying in the drawing in following years.

R657-62-15. Dedicated Hunter Certificates of Registration.

(1) Dedicated Hunter Certificates of Registration shall be issued pursuant to Rule R657-38.

R657-62-16. Lifetime License Permits.

(1) Lifetime License permits shall be issued pursuant to Rule R657-17.

R657-62-17. Big Game.

(1) Permit Applications

(a) Limited entry, Cooperative Wildlife Management Unit, Once-in-a-Lifetime, Management Bull Elk, Management Buck Deer, General Buck Deer, and Youth General Any Bull Elk permit applications.

(i) A person must possess or obtain a valid hunting or combination license to apply for or obtain a big game permit.

(ii) Applicants must meet all age requirements, proof of hunter education requirements and youth restrictions as provided in Rule R657-5.

(iii) A person may obtain only one permit per species of big game, including limited entry, cooperative wildlife management unit, once-in-a-lifetime, conservation, landowner and general permits, except antlerless permits as provided in the Antlerless Addendum and permits as provided in Rule R657-42.

(b) A resident may apply in the big game drawing for the following permits:

(i) only one of the following:

(A) buck deer - limited entry and cooperative wildlife management unit;

(B) bull elk - limited entry and cooperative wildlife management unit; or

(C) buck pronghorn - limited entry and cooperative wildlife management unit; and

(ii) only one once-in-a-lifetime permit, including once-in-a-lifetime cooperative wildlife management unit permits.

(c) A nonresident may apply in the big game drawing for the following permits:

(i) all of the following:

(A) buck deer -limited entry;

(B) bull elk - limited entry;

(C) buck pronghorn - limited entry; and

(D) all once-in-a-lifetime species.

(ii) Nonresidents may not apply for cooperative management units through the big game drawing.

(d) A resident or nonresident may apply in the big game drawing by region for:

(i) a statewide general archery buck deer permit; or

(ii) for general any weapon buck deer; or

(iii) for general muzzleloader buck deer.

(2) Youth

(a) For purposes of this section "youth" means any person 18 years of age or younger on the opening day of the general archery buck deer season.

(b) Youth applicants who apply for a general buck deer permit

(i) will automatically be considered in the youth drawing based upon their birth date.

(ii) 20% of general buck deer permits in each region are reserved for youth hunters.

(iii) may not apply as part of any group

(iv) Preference points shall be used when applying.

(c) Any reserved permits remaining and any youth applicants who were not selected for reserved permits shall be returned to the general buck deer drawing.

(3) Drawing Order

(a) Permits for the big game drawing shall be drawn in the following order:

(i) limited entry, cooperative wildlife management unit and management buck deer;

(ii) limited entry, cooperative wildlife management unit and management bull elk;

(iii) limited entry and cooperative wildlife management unit buck pronghorn;

(iv) once-in-a-lifetime;

(v) youth general buck deer;

(vi) general buck deer and general buck/bull combo;

(vii) youth general any bull elk.

(b) Any person who draws one of the following permits is not eligible to draw a once-in-a-lifetime permit:

(i) limited entry, Cooperative Wildlife Management unit or management buck deer;

(ii) limited entry, Cooperative Wildlife Management unit or management bull elk; or

(iii) a limited entry or Cooperative Wildlife Management unit buck pronghorn.

(c) If any permits listed in Subsection (a)(i) through (a)(iii) remain after the big game drawing after all choices have been evaluated separately for residents and nonresidents, a second evaluation will be done allowing cross-over usage of remaining resident and nonresident permit quotas.

(4) Groups

(a) Limited Entry

(i) Up to four people may apply together for limited entry deer, elk or pronghorn; or resident cooperative wildlife management unit permits.

(b) Group applications are not accepted for management buck deer or bull elk permits.

(c) Group applications are not accepted for Once-in-a-lifetime permits.

(d) General season

(i) Up to ten people may apply together for general deer permits

(ii) Up to two youth may apply together for youth general any bull elk permits.

(5) Waiting Periods

(a) Deer waiting period.

(i) Any person who draws or obtains a limited entry, management or cooperative wildlife management unit buck deer permit through the big game drawing process, may not apply for or receive any of these permits again for a period of two seasons.

(ii) A waiting period does not apply to:

(A) general archery, general any weapon, general muzzleloader, conservation, poaching-reported reward permits; and dedicated hunter limited entry deer permits; or

(B) cooperative wildlife management unit or limited entry landowner buck deer permits obtained through the landowner.

(b) Elk waiting period.

(i) Any person who draws or obtains a limited entry, management or cooperative wildlife management unit bull elk permit through the big game drawing, may not apply for or receive any of these permits for a period of five seasons.

(ii) A waiting period does not apply to:

(A) general archery, general any weapon, general muzzleloader, conservation, poaching-reported reward permits; and dedicated hunter limited entry elk permits; or

(B) cooperative wildlife management unit or limited entry landowner bull elk permits obtained through the landowner.

(c) Pronghorn waiting period.

(i) Any person who draws or obtains a buck pronghorn or cooperative wildlife management unit buck pronghorn permit through the big game drawing may not apply for or receive any of these permits thereafter for a period of two seasons.

(d) Once-in-a-lifetime species waiting period.

(i) Any person who draws or obtains a permit for any bull moose, bison, Rocky Mountain bighorn sheep, desert bighorn sheep or Rocky Mountain goat may not apply for or receive an once-in-a-lifetime permit for the same species in the big game drawing or sportsman permit drawing.

(ii) A person who has been convicted of unlawfully taking a once-in-a-lifetime species may not apply for or obtain a permit for that species.

(e) Cooperative Wildlife Management Unit and landowner permits.

(i) Waiting periods and once-in-a-lifetime restrictions do not apply to purchasing limited entry landowner or cooperative wildlife management unit permits obtained through a landowner, except as provided in Subsection (ii).

(ii) Waiting periods are incurred and applied for the purpose of applying in the big game drawing as a result of obtaining a cooperative wildlife management unit bull moose permit through a landowner.

R657-62-18. Black Bear.

(1) Permit Applications.

(a) A person must possess or obtain a valid hunting or combination license in order to apply for or obtain a limited entry bear permit.

(b) A person may not apply for or obtain more than one bear permit within the same calendar year, except as provided in Subsection R657-33-26(4).

(c) Limited entry bear permits are valid only for the hunt unit and for the specified season designated on the permit.

(d)(i) Applicants may select up to three hunt unit choices when applying for limited entry bear permits. Hunt unit choices must be listed in order of preference.

(ii) Applicants must specify in the application whether they want a limited entry bear permit or a limited entry bear archery permit.

(e) Any person obtaining a limited entry bear archery permit must also obtain a certificate of registration if intending to use bait as provided in Section R657-33-14.

(f) Applicants must meet all age requirements, proof of hunter education requirements and youth restrictions as provided in Utah State Code 23-19-22.5, 23-19-11 and 23-20-20.

(2) Group applications are not accepted.

(3) Waiting periods.

(a) Any person who draws or purchases a bear permit valid for the current season, may not apply for a permit thereafter for a period of two seasons.

R657-62-19. Antlerless Species.

(1) Permit Applications.

(a) A person must possess or obtain a valid hunting or combination license in order to apply for or obtain an antlerless permit.

(b) Applicants must meet all age requirements, proof of hunter education requirements and youth restrictions as provided in Rule R657-5.

(c) A person may apply in the drawing for and draw the following permits, except as provided in Subsection (d):

(i) antlerless deer;

(ii) antlerless elk;

(iii) doe pronghorn; and

(iv) antlerless moose, if available.

(d) Any person who has obtained a buck pronghorn permit or a bull moose permit may not apply in the same year for a doe pronghorn permit or antlerless moose permit, respectively, except for permits remaining after the drawing as provided in R657-62-13.

(e) Applicants may select up to five hunt choices when applying for antlerless deer, antlerless elk and antlerless pronghorn.

(f) Applicants may select up to two hunt choices when applying for antlerless moose.

(g) Hunt unit choices must be listed in order of preference.

(h) A person may not submit more than one application in the antlerless drawing per species.

(2) Youth applications.

(a) For purposes of this section, "youth" means any person 18 years of age or younger on the opening day of the general archery buck deer season.

(b) Twenty percent of the antlerless deer, elk and doe pronghorn permits are reserved for youth hunters.

(c) Youth applicants who apply for an antlerless deer, elk, or doe pronghorn permit as provided in this Subsection, will automatically be considered in the youth drawing based upon their birth date.

(3) Drawing Order

(a) Permits are drawn in the order listed in the Antlerless Addendum to the Bucks, Bulls and Once-In-A-Lifetime proclamation of the Wildlife Board for taking big game.

(b) Any reserved permits remaining and any youth applicants who were not selected for reserved permits shall be returned to the antlerless drawing.

(c) If permits remain after all choices have been evaluated separately for residents and nonresidents, a second evaluation will be done allowing cross-over usage of remaining resident and nonresident permit quotas.

(4) Group Applications

(a) Up to four hunters can apply together for antlerless deer, antlerless elk and doe pronghorn

(b) Group applications are not accepted for antlerless moose.

(c) Youth hunters who wish to participate in the youth drawing must not apply as a group.

(5) Waiting Periods

(a) Antlerless moose waiting period.

(i) Any person who draws or obtains an antlerless moose permit or a cooperative wildlife management unit antlerless moose permit through the antlerless drawing process, may not apply for or receive an antlerless moose permit thereafter for a period of five seasons.

(ii) A waiting period does not apply to cooperative wildlife management unit antlerless moose permits obtained through the landowner.

R657-62-20. Sandhill Crane.

(1) Permit applications.

(a) A person may obtain only one Sandhill Crane permit each year.

(b) A person may not apply more than once annually.

(c) A hunting or combination license may be purchased before applying, or the hunting or combination license will be issued upon successful drawing results.

(d) Applicants must meet all age requirements, proof of hunter education requirements and youth restrictions as provided in Utah Code 23-19-24, 23-19-11 and 23-20-20.

(e) Applicants may select up to four hunt choices. Hunt unit choices must be listed in order of preference.

(2) Group Applications

(a) Up to four people may apply together.

(3) Waiting Periods do not apply.

R657-62-21. Sharp-Tailed and Sage Grouse.

(1) Permit applications.
(a) A hunting or combination license may be purchased before applying, or the hunting or combination license will be issued upon successful drawing results.
(b) Applicants must meet all age requirements, proof of hunter education requirements and youth restrictions as provided in Utah Code 23-19-24, 23-19-11 and 23-20-20.
(c) Applicants may select up to four hunt choices. Hunt unit choices must be listed in order of preference.
(2) Group applications.
(a) Up to four people may apply together.
(3) Waiting Periods do not apply.

R657-62-22. Swan.
(1) Permit applications.
(a) A person may obtain only one swan permit each year.
(i) A person may not apply more than once annually.
(b) A Utah hunting or combination license may be purchased before applying, or the hunting or combination license will be issued to the applicant upon successfully drawing a permit.
(c) The division shall issue no more than the number of swan permits authorized by the U.S. Fish and Wildlife Service each year.
(i) The division may withhold up to 1% of the authorized number of swan permits each year to correct division errors, which may occur during the drawing process.
(ii) Division errors may be corrected using the withheld swan permits in accordance with the Division Error Remedy Rule R657-50.
(iii) Withheld swan permits shall be used to correct division errors reported to or discovered by the division on or before the fifth day preceding the opening day of the swan hunt.
(iv) Withheld swan permits remaining after correcting any division errors shall be issued prior to the opening day of the swan hunt to the next person on the alternate drawing list.
(d) A person must complete a one-time orientation course before applying for a swan permit, except as provided under Subsection R657-9-7(3)(b).
(i) Remaining swan permits available for sale shall be issued only to persons having previously completed the orientation course.
(e) Applicants must meet all age requirements, proof of hunter education requirements and youth restrictions as provided in Utah Code 23-19-24, 23-19-11 and 23-20-20.
(2) Groups
(a) Up to four people may apply together.
(3) Waiting period does not apply.

R657-62-23. Cougar.
(1) Permit Applications
(a) A person must possess or obtain a valid hunting or combination license to apply for or obtain a cougar limited entry permit.
(b) A person may not apply for or obtain more than one cougar permit for the same year.
(c) Limited entry cougar permits are valid only for the limited entry management unit and for the specified season provided in the hunt tables of the proclamation of the Wildlife Board for taking cougar.
(d) Applicants may select up to three management unit choices when applying for limited entry cougar permits. Management unit choices must be listed in order of preference.
(e) If permits remain after all choices have been evaluated separately for residents and nonresidents, a second evaluation shall be done allowing cross-over usage of remaining resident and nonresident permit quotas.
(f) Any limited entry cougar permit purchased after the season opens is not valid until seven days after the date of purchase.
(g) Applicants must meet all age requirements, proof of hunter education requirements and youth restrictions as provided in Utah Code 23-19-22.5, 23-19-11 and 23-20-20.
(2) Group applications are not accepted.
(3) Waiting periods.
(a) Any person who draws or purchases a limited entry cougar permit valid for the current season may not apply for a permit thereafter for a period of three seasons.
(b) Waiting periods are not incurred as a result of purchasing cougar harvest objective permits.

R657-62-24. Sportsman.
(1) Sportsman applications.
(a) One sportsman permit is offered to residents for each of the following species:
(i) desert bighorn (ram);
(ii) bison (hunter's choice);
(iii) buck deer;
(iv) bull elk;
(v) Rocky Mountain bighorn (ram);
(vi) Rocky Mountain goat (hunter's choice);
(vii) bull moose;
(viii) buck pronghorn;
(ix) black bear;
(x) cougar; and
(xi) wild turkey.
(b) Bonus points shall not be awarded or utilized when applying for or obtaining sportsman permits.
(2) Group applications are not accepted.
(3) Waiting Periods.
(a) Any person who applies for or obtains a Sportsman Permit is subject to all waiting periods and exceptions as applicable to the species pursuant to rule R657-41.
(b) Once-in-lifetime waiting periods are applicable when applying for a sportsman permit.
(c) Limited Entry waiting periods are applicable when applying for a Sportsman permit.

R657-62-25. Turkey.
(1) Turkey applications.
(a) A person must possess a valid hunting or combination license in order to apply for or obtain a wild turkey permit.
(b) A person may obtain only one wild turkey permit each year, except a person may obtain wild turkey conservation permits in addition to obtaining one limited entry or remaining wild turkey permit.
(c) A person may not apply for wild turkey more than once annually.
(d) Applicants may select up to five hunt choices when applying for limited entry turkey permits. Hunt unit choices must be listed in order of preference.
(e) A turkey permit allows a person, using any legal weapon as provided in Section R657-54-7, to take one bearded turkey within the area and season specified on the permit.
(2) Group Applications are not accepted.
(3) Waiting period does not apply.
(4) Youth permits
(a) Up to 15 percent of the limited entry permits authorized for taking Merriam's and Rio Grande turkeys are available to youth hunters.
(b) For purposes of this section "youth" means any person who is 18 years of age or younger on the posting date of the wild turkey drawing.
(c) Youth who apply for a turkey permit will automatically be considered in the youth permit drawing based on their birth date.
(d) Bonus points shall be used when applying for youth turkey permits.

(5) Landowner turkey permits shall be issued pursuant to rule R657-54.

KEY: wildlife, permits
April 21, 2009 **23-14-18**
23-14-19

R708. Public Safety, Driver License.
R708-10. Classified License System.
R708-10-1. Authority.
This rule is authorized by Section 53-3-401 et seq.

R708-10-2. Specifications for Utah License Classifications.
Class A Commercial Driver - (must be at least 18 years of age). Every person operating any combination of vehicles over 26,000 lbs. GVWR (Gross Vehicle Weight Rating) where the towed unit is more than 10,000 lbs. GVWR.
Class B Commercial Driver - (must be at least 18 years of age). Every person operating a straight truck or bus (single vehicle) more than 26,000 lbs. GVWR or any combination of vehicles over 26,000 lbs. GVWR where the towed unit is less than 10,001 lbs. GVWR.
Class C operator - (must be at least 21 years of age). Every person operating a vehicle or combination of vehicles less than 26,001 GVWR which transports amounts of hazardous materials requiring placarding or which transports more than 15 occupants including the driver, or which is used as a school bus.
Class D operator - (must be at least 16 years of age). Every person operating vehicles not defined above except motorcycles.

R708-10-3. Endorsements.
H = Hazardous materials
M = Motorcycle.
N = Tank vehicle.
P = Passengers.
S = School bus. (includes P)
T = Double or triple trailers.
X = Hazardous material and tank combination.
Z = Taxis.

R708-10-4. Restrictions.
A = None.
B = Corrective lenses.
C = Mechanical aid.
D = Prosthetic aid.
E = Automatic transmission.
F = Outside mirror.
G = Daylight only.
I = Limit - other.
J = Other.
K = Restricted to intrastate operation of commercial vehicles.
L = Restricted to vehicles not equipped with air brakes.
O = 90 cc or less motorcycle.
U = a 3 wheel cycle.
V = POSTED 40 mph or less.
W = medical.
2 = 249cc or less motorcycle.
3 = 649cc or less motorcycle.
4 = Street legal ATV only.

KEY: classified license, licensing
July 8, 2008 **53-3-401 et seq.**
Notice of Continuation April 7, 2009

R708. Public Safety, Driver License.
R708-22. Commercial Driver License Administrative Proceedings.
R708-22-1. Authority.

This rule is authorized by Subsection 53-3-221(5)(a)(i).

R708-22-2. Commercial Driver License Administrative Proceedings.

All adjudicative proceedings for commercial driver license (CDL) holders, including but not limited to, the application for and denial, disqualification, suspension or revocation of authorization to operate any particular class or classes of vehicles, shall be conducted according to applicable rules for administrative proceedings as specified in section R708-17.

KEY: administrative proceedings
1989 53-3-221(5)(a)(i)
Notice of Continuation April 7, 2009 63G-4-102

R708. Public Safety, Driver License.
R708-24. Renewal of a Commercial Driver License (CDL).
R708-24-1. Authority.

This rule is promulgated pursuant to Section 53-3-413.

R708-24-2. Procedure for Renewal of a CDL.

(1) When applying for a CDL renewal, applicants shall use the same procedure used to obtain an original CDL. The applicant shall comply with Sections 53-3-105, 53-3-407, and 49 CFR 383 and 391.

(2) All knowledge tests and/or skills tests will be waived by the Driver License Division except:

(a) the hazardous materials knowledge test which is required by 49 CFR 383.73;

(b) when changes in an applicant's medical condition may require further testing/evaluation;

(c) if there are factors, including lack of knowledge, which indicate the applicant may have an inability to operate commercial vehicles in a reasonable, prudent and safe manner.

(3) Applicants whose CDL has expired for a period of more than six months, or whose driving privileges are disqualified, suspended, or revoked, are required to complete appropriate knowledge and skills tests.

(4) Applicants shall comply with Federal Highway Administration requirements contained in 49 CFR 383.71, 383.73 and 391.

KEY: licensing
July 17, 1995 **53-3-401**
Notice of Continuation April 7, 2009

R708. Public Safety, Driver License.
R708-26. Learner Permit Rule.
R708-26-1. Purpose.

The purpose of the rule is to set forth the restrictions to be imposed on a person driving a motor vehicle with a learner's permit.

R708-26-2. Authority.

This rule is authorized by Subsection 53-3-104(1)(b).

R708-26-3. Definitions.

"Learner permit" means a temporary restricted driving permit issued by the Driver License Division to a qualified person who has not completed all the requirements to obtain a full driving privilege.

R708-26-4. Restrictions.

The restrictions set forth in Section 53-3-210.5 for a driver holding a learner permit shall be printed on the permit along with any other restrictions deemed necessary by the Driver license Division.

KEY: learner permit
December 9, 2008 **53-3-210**
Notice of Continuation April 7, 2009

R708. Public Safety, Driver License.
R708-31. Ignition Interlock Systems.
R708-31-1. Authority.

(1) This rule establishes standards for the certification of ignition interlock systems as required by Section 41-6a-518.

R708-31-2. Purpose.

(1) The purpose of this rule is to provide:

(a) standards and requirements for certifying ignition interlock systems.

(b) procedure for supplying an ignition interlock system for those individuals who are impecunious.

R708-31-3. Standards.

(1) All vendors who want to certify and provide ignition interlock systems shall:

(a) apply to the Driver License Division of the Department of Public Safety.

(b) provide an independent laboratory report showing evidence that their ignition interlock system meets the requirements of NHTSA (Federal Register Vol. 57. No. 67) which is incorporated by reference, and the standards as specified in Section 41-6a-518.

(c) meet the requirements of Section 4 of this rule in order to be placed on an approved vendor's list.

R708-31-4. Requirements.

(1) To be included on an approved vendor's list, each vendor must:

(a) be certified by the Department of Public Safety to operate in Utah.

(b) show evidence that there is adequate product liability insurance.

(c) pay all applicable fees.

R708-31-5. Procedure for Impecuniosity.

(1) The Driver License Division may award a sole source contract to a vendor to provide an ignition interlock system to individuals for whom payment of costs has been waived or deferred on the grounds of impecuniosity.

KEY: ignition interlock systems
1994 41-6a-518
Notice of Continuation April 7, 2009

R710. Public Safety, Fire Marshal.
R710-5. Automatic Fire Sprinkler System Inspecting and Testing.
R710-5-1. Adoption, Title, Purpose, and Prohibitions.

Pursuant to Section 53-7-204, Utah Code Annotated 1953, the Utah Fire Prevention Board adopts minimum rules to provide regulation to those who inspect and test Automatic Fire Sprinkler Systems.

There is adopted as part of these rules the following code which are incorporated by reference:

1.1 National Fire Protection Association, NFPA 25, Standard for the Inspection, Testing, and Maintenance of Water-Based Fire Protection Systems, 2008 edition, except as amended by provisions listed in R710-5-6, et seq.

1.2 A copy of the above-mentioned standard is on file in the Office of Administrative Rules and the State Fire Marshal's Office.

R710-5-2. Definitions.

2.1 "Annual" means a period of one year or 365 calendar days.

2.2 "Authority Having Jurisdiction (AHJ)" means the State Fire Marshal, his duly authorized deputies, or the local fire enforcement authority.

2.3 "Board" means Utah Fire Prevention Board.

2.4 "Certificates of Registration" means a written document issued by the SFM to any person for the purpose of granting permission to such person to perform any act or acts for which authorization is required.

2.5 "NFPA" means National Fire Protection Association.

2.6 "NICET" means National Institute for Certification in Engineering Technologies.

2.7 "SFM" means State Fire Marshal or authorized deputy.

2.8 "UCA" means Utah State Code Annotated 1953 as amended.

R710-5-3. Certificates of Registration.

3.1 Required Certificates of Registration.

No person shall engage in the inspecting and testing of automatic fire sprinkler systems without first receiving a certificate of registration issued by the SFM. The following groups are exempted from the requirements of this part:

3.1.1 The AHJ that is performing the initial installation acceptance testing of the automatic fire sprinkler system or ongoing inspections to verify compliance with the adopted NFPA standards and these rules.

3.1.2 The building owner or designee that performs additional periodic inspections beyond the annual inspection required in Section 6.2 of these rules, to satisfy requirements set by company policy, insurance, or risk management.

3.2 Application.

3.2.1 Application for a certificate of registration to inspect and test automatic fire sprinkler systems shall be made in writing to the SFM on forms provided the SFM. The applicant shall sign the application. The SFM or his deputies may request picture identification of the applicant for a certificate of registration.

3.2.2 The applicant shall indicate on the application which of the four technician levels the applicant will apply for:

3.2.2.1 Technician I

3.2.2.2 Technician II

3.2.2.3 Technician III

3.2.2.4 Master Technician

3.2.3 The application for a certificate of registration shall be accompanied with proof of public liability insurance from the certificate holder or employing concern. A public liability insurance carrier showing coverage of at least $100,000 for each incident, and $300,000 in total coverage shall issue the public liability insurance. The certificate of registration holder shall notify the SFM within 30 days after the public liability insurance coverage required is not longer in effect for any reason.

3.3 Technician Examination.

The SFM shall require all applicants for a certificate of registration as a technician to complete the following:

3.3.1 Technician I shall pass a written examination on wet pipe sprinkler systems, antifreeze sprinkler systems, and standpipes, and complete the manipulative skills task book.

3.3.2 Technician II shall pass all the requirements listed for Technician I; pass a written examination on dry pipe sprinkler systems, deluge sprinkler systems, preaction sprinkler systems, combined dry pipe-preaction systems, fire pumps, and water storage tanks, and complete the manipulative skills task book.

3.3.3 Technician III shall pass all the requirements listed for Technician I and II; pass a written examination on water spray fixed systems, foam-water sprinkler systems, and foam-water spray systems, and complete the manipulative skills task book.

3.3.4 Master Technician shall have successfully completed and be certified as NICET III in Inspection and Testing of Water-based Systems, and complete the manipulative skills task book.

3.4 Examinations will be given according to the following requirements:

3.4.1 All certification examinations given are open book examinations. The applicant is allowed to use the statute, the administrative rule, and the NFPA standard that applies to the certification examination. Any other materials to include cellular telephones are prohibited in the examination room.

3.4.2 Completion of the certification examination will not be allowed if it appears to the test administrator that the applicant has not prepared to take the examination.

3.4.3 Each certification examination taken has a time limit of two hours to completion. To successfully pass the written examination, the applicant must obtain a minimum grade of seventy percent (70%). Leaving the office or testing location before the completion of the examination voids the examination and will require the examination to be retaken by the applicant.

3.4.4 If there are different levels of proficiency in the subject matter, the lower proficiency level will be fully completed before the next higher proficiency will be administered.

3.4.5 To successfully complete the manipulative skills task book, all required skill tasks shall be signed as completed by a person duly qualified or certified in that skill.

3.5 As required in 3.3.4, those applicants that have successfully completed the requirements of NICET III, in Inspection and Testing of Water-based Systems, and that corresponds to the work to be performed by the applicant, shall have the requirement for initial written examination waived, after appropriate documentation is provided to the SFM by the applicant.

3.6 Issuance.

Following receipt of the properly completed application, compliance with Section 3.3 of these rules, the SFM shall issue a certificate of registration.

3.7 Original and Renewal Valid Date.

Original certificates of registration shall be valid for one year from the date of application. Thereafter, each certificate of registration shall be renewed annually and renewals shall be valid for one year from issuance.

3.8 Renewal Date.

Application for renewal shall be made as directed by the SFM.

3.9 Re-examination.

Every holder of a valid certificate of registration shall take a re-examination every three years, from date of original

certificate, to comply with the provisions of Section 3.3 of these rules as follows:

3.9.1 The re-examination to comply with the provisions of Section 3.3 of these rules shall consist of an open book examination for each level of certification, to be mailed to the certificate holder at least 60 days before the renewal date.

3.9.2 The re-examination will consist of questions that focus on changes in the last three years to the adopted NFPA standards, the statute, and the adopted administrative rules. The re-examination may also consist of questions that focus on practices of concern as noted by the Board or the SFM.

3.9.3 The certificate holder is responsible to complete the re-examination and return it to the SFM in sufficient time to renew.

3.9.4 The certificate holder is responsible to return to the SFM the correct renewal fees to complete that certificate renewal.

3.10 Refusal to Renew.

The SFM may refuse to renew any certificate of registration in the same manner and for any reason that he is authorized, pursuant to Section 7, to deny an original certificate of registration. The applicant shall, upon such refusal, have the same rights as are granted by Section 7 of these rules to an applicant for an original certificate of registration, which has been denied by the SFM.

3.11 Inspection.

The holder of a certificate of registration shall submit such certificate for inspection, upon request of the AHJ.

3.12 Type.

Every certificate of registration shall indicate the type of act or acts to be performed and for which the applicant has qualified as follows:

3.12.1 Technician I: A person who is engaged in the inspection and testing of wet pipe sprinkler systems, antifreeze sprinkler systems, and standpipes.

3.12.2 Technician II: A person who is engaged in the inspection and testing of dry pipe sprinkler systems, deluge sprinkler systems, preaction sprinkler systems, combined dry pipe-preaction systems, fire pumps and water storage tanks.

3.12.3 Technician III: A person who is engaged in the inspection and testing of foam-water sprinkler systems, foam-water spray systems, and water spray fixed systems.

3.12.4 Master Technician: A person who has obtained NICET III certification in Inspection and Testing of Water-based Systems.

3.13 Change of Address.

Any change in home address of any holder of a valid certificate of registration shall be reported in writing, by the registered person to the SFM within 30 days of such change.

3.14 Duplicate.

A duplicate certificate of registration may be issued by the SFM to replace any previously issued certificate, which has been lost or destroyed.

3.15 Minimum Age.

No certificate of registration shall be issued to any person who is under 18 years of age.

3.16 Restrictive Use.

3.16.1 A certificate of registration may be used for identification purposes only as long as such certificate remains valid.

3.16.2 Regardless of the acts authorized to be performed by a licensed concern, only those acts for which the applicant for a certificate of registration has qualified shall be permissible by such applicant.

3.17 Right to Contest.

3.17.1 Every person who takes an examination for a certificate of registration shall have the right to contest the validity of individual questions of such examination.

3.17.2 Every contention as to the validity of individual questions of an examination shall be made within 48 hours after taking said examination.

3.17.3 The decision as to the action to be taken on the submitted contention shall be made by the SFM, and such decision shall be final.

3.17.4 The decision made by the SFM, and the action taken, shall be reflected in all future examinations, but shall not affect the grades established in any past examination.

3.18 Non-Transferable.

Certificates of Registration shall not be transferable. The person to whom issued shall carry individual certificates of registration.

3.19 Certificate of Registration Identification.

Every certificate shall be identified by a number, delineated as AFS-(number). Such number shall not be transferred from one person to another.

3.20 New Employees

New or existing employees desiring to attain a Certificate of Registration may perform the various acts required while under the constant direct supervision of a person holding a valid certificate of registration for a period not to exceed 60 days from the initial date of employment or beginning service in the field.

R710-5-4. Service Tags.

4.1 Size and Color.

4.1.1 Tags shall be not more than five and one-half inches (5-1/2") in height, nor less than four and one-half inches (4-1/2") in height, and not more than three inches (3") in width, nor less than two and one-half inches (2-1/2") in width.

4.1.2 Tags may be produced in any color except red or a variation of red.

4.1.3 A red tag shall be used to indicate the system fails to ensure a reasonable degree of protection for life and property from fire through inspecting and testing of automatic fire sprinkler systems as required in NFPA, Standard 25, and the requirements of these rules. After placing the red tag on the system, the certified person shall notify the AHJ and provide the AHJ with a written copy of the noted deficiencies.

4.2 Placement of Tag.

The service tag shall be attached at the sprinkler riser for each system inspected or at other locations as needed to show compliance. The service tag shall be attached to the riser in such a position as to be conveniently inspected by the AHJ.

4.3 Tag Information.

4.3.1 Service tags shall bear the following information:

4.3.1.1 Provisions of Section 4.7.

4.3.1.2 Approved Seal of Registration of the SFM.

4.3.1.3 Certificate of registration "AFS" number of individual who performed or supervised the service or services performed.

4.3.1.4 Signature of individual whose certificate of registration number appears on the tag.

4.3.1.5 Concern's name.

4.3.1.6 Concern's address.

4.3.1.7 Type of service performed.

4.3.1.8 Type of system serviced.

4.3.1.9 Date service is performed.

4.3.2 The above information shall appear on one side of the service tag. All other desired printing or information shall be placed on the reverse side of the tag.

4.4 Legibility.

4.4.1 The certificate of registration number required in Section 4.3.1.3, and the signature required in Section 4.3.1.4, shall be printed or written distinctly.

4.4.2 All information pertaining to date and type of service shall be indicated on the card by perforations in the appropriate space provided. Each perforation shall clearly indicate the desired information.

4.5 Format.

ILLUSTRATION ON FILE IN STATE FIRE MARSHAL'S OFFICE

4.6 New Tag.

A new service tag shall be attached to a system each time a service is performed.

4.7 Tag Wording.

The following wording shall be placed at the top or reinforced ring end of every tag: "DO NOT REMOVE, BY ORDER OF THE STATE FIRE MARSHAL".

4.8 Removal.

4.8.1 No person or persons shall remove a service tag except when further service is performed.

4.8.2 No person shall deface, modify, or alter any service tag that is required to be attached to the system.

4.8.3 A red tag can only be removed by written authority from the AHJ.

4.9 Tag Dates

Service tags may be printed for any number of years not to exceed eight years.

R710-5-5. Seal of Registration.

5.1 Description.

The official seal of registration of the SFM shall consist of the following:

5.1.1 The image of the State of Utah shall be in the center with an outer ring stating, "Utah State Fire Marshal".

5.1.1.1 The top portion of the outer ring shall have the wording "Utah State".

5.1.1.2 The bottom portion of the outer ring shall have the wording "Fire Marshal".

5.1.2 Appending below the bottom portion and in a centered position, shall be a box provided for the displaying of the certification number assigned to the person.

5.2 Use of Seal.

No person shall produce, reproduce, or use this seal in any manner or for any purpose except as herein provided.

5.3 Permissive Use.

Certificate holders or concerns shall use the Seal of Registration on every service tag.

5.4 Cease Use Order.

No person or concern shall continue the use of the Seal of Registration in any manner or for any purpose after receipt of a notice in writing from the SFM to that effect, or upon the suspension or revocation of the certificate of registration.

5.5 Legibility.

Every reproduction of the Seal of Registration and every letter and number placed thereon, shall be of sufficient size to render such seal, letter, and number distinct and clearly legible.

R710-5-6. Amendments and Additions.

6.1 Service.

At the time of service, all servicing shall be done in accordance with the adopted NFPA standard, adopted statutes, and these rules.

6.2 Frequency

Automatic fire sprinkler systems, standpipes, and fire pumps shall be inspected annually by a person holding a certificate of registration as required in Section 3.1 of these rules.

6.3 Accepted Forms

One of the two forms listed in NFPA, Standard 25, Annex B, B.1, or a similar equivalent approved by the SFM shall be used as the accepted forms for testing and inspecting fire sprinkler systems.

6.4 New Systems

Newly installed automatic fire sprinkler systems, standpipes, and fire pumps are exempt from the annual testing requirement required in Section 6.2 of these rules, for one year from the approval date of the initial installation acceptance testing.

R710-5-7. Adjudicative Proceedings.

7.1 All adjudicative proceedings performed by the agency shall proceed informally as authorized by UCA, Sections 63G-4-202 and 63G-4-203.

7.2 The issuance, renewal, or continued validity of a certificate of registration may be denied, suspended, or revoked, if the SFM finds that the applicant or the person has committed any of the following violations:

7.2.1 The applicant or person is not the real person in interest.

7.2.2 The applicant or person provides material misrepresentation or false statements on the application.

7.2.3 The applicant or person refuses to allow inspection by the SFM, or his duly authorized deputies.

7.2.4 The applicant or person for a certificate of registration does not have the proper equipment to conduct the operations for which application is made.

7.2.5 The applicant or person for a certificate of registration does not possess the qualifications of skill or competence to conduct the operations for which application is made, as evidenced by failure to pass the examination pursuant to Section 3.3 of these rules.

7.2.6 The applicant or person refuses to take the examination required by Section 3.3 of these rules.

7.2.7 The applicant or person fails to pay the certification of registration, examination or other required fees as required in Section 8 of these rules.

7.2.8 The applicant or person has been convicted of one or more federal, state or local laws.

7.2.9 The applicant or person has been convicted of a violation of the adopted rules or been found by a Board administrative proceeding to have violated the adopted rules.

7.2.10 Any offense or finding of unlawful conduct, or there is or may be, a threat to the public's health or safety if the applicant or person were granted a certificate of registration.

7.2.11 There are other factors upon which a reasonable and prudent person would rely to determine the suitability of the applicant or person to safely and competently engage in the practice of servicing fire sprinkler system equipment.

7.3 A person whose certificate of registration is suspended or revoked by the SFM shall have an opportunity for a hearing before the Board if requested by that person within 20 days after receiving notice.

7.4 All adjudicative proceedings, other than criminal prosecution, taken by the SFM to enforce the Utah Fire Prevention and Safety Act, and these rules, shall commence in accordance with UCA, Section 63G-4-201.

7.5 The Board shall act as the hearing authority, and shall convene after timely notice to all parties involved. The Board shall be the final authority on the suspension or revocation of a certificate of registration.

7.6 The Board shall direct the SFM to issue a signed order to the parties involved giving the decision of the Board within a reasonable time of the hearing pursuant to UCA, Section 63G-4-203.

7.7 Reconsideration of the Board decision may be requested in writing within 20 days of the date of the decision pursuant to UCA, Section 63G-4-302.

7.8 After a period of three years from the date of revocation, the Board shall review the submitted written application of a person whose certificate of registration has been revoked. After timely notice to all parties involved, the Board shall convene to review the revoked persons application, and that person shall be allowed to present themselves and their case before the Board. After the hearing, the Board shall direct the SFM to allow the person to complete the certification process or shall direct that the revocation be continued.

7.9 Judicial review of all final Board actions resulting from informal adjudicative proceedings shall be conducted pursuant to UCA, Section 63G-4-402.

R710-5-8. Fees.

8.1 Fee Schedule.

8.1.1 Certificates of Registration (new and renewals):

8.1.1.1 Certificate of registration - $30.00

8.1.1.2 Duplicate - $30.00

8.1.2 Examinations:

8.1.2.1 Initial examination - $20.00

8.1.2.2 Re-examination - $20.00

8.1.2.3 Three-year examination - $20.00

8.2 Payment of Fees.

The required fee shall accompany the application for certificate of registration. Certificate of registration fees will be refunded if the application is denied.

8.3 Late Renewal Fees.

8.3.1 Any certificate of registration not renewed on or before the original date of issuance will be subject to an additional fee equal to 10% of the required fee.

8.3.2 When a certificate of registration has expired for more than one year, an application shall be made for an original certificate as if the application was being made for the first time.

KEY: automatic fire sprinklers
May 23, 2008 53-7-204
Notice of Continuation March 28, 2008

R710. Public Safety, Fire Marshal.
R710-13. Reduced Cigarette Ignition Propensity and Firefighter Protection Act.
R710-13-1. Adoption, Title, Purpose, and Prohibitions.

Pursuant to Section 53-7-407, Utah Code Annotated 1953, the Utah Fire Prevention Board adopts minimum rules for the enactment of the Reduced Cigarette Ignition Propensity and Firefighter Protection Act.

R710-13-2. Definitions.

2.1 "AG" means Attorney General

2.2 "Board" means Utah Fire Prevention Board.

2.3 "NFPA" means National Fire Protection Association.

2.4 "SFM" means State Fire Marshal or authorized deputy.

2.5 "Tax Commission" means the Utah State Tax Commission.

2.6 "UCA" means Utah State Code Annotated 1953 as amended.

R710-13-3. Certification and Product Change.

3.1 As required in UCA 53-7-404(1), accepted alternative test methods of other states that are equal to or stricter performance standards as allowed in UCA 53-7-403(4), may also be accepted as meeting the standards established in the statute.

3.2 If the SFM intends to remove a brand from the certified list, it will send a notice of intent to deny to the manufacturer. The notice of intent shall include the following:

3.2.1 The factual and legal deficiencies upon with the SFM intended action rests.

3.2.2 The actions the manufacturer must take to satisfy the factual or legal deficiencies upon with the intended action is based.

3.2.3 The notification that the manufacturer shall have 15 working days to cure the deficiencies and submit documentation or other information to correct the deficiencies. The SFM may extend the time period for a manufacturer to cure the deficiencies.

R710-13-4. Implementation and Inspection.

4.1 As required in UCA 53-7-404(3), 53-7-405(6)(c), 53-7-407(2), and 53-7-408, the SFM, AG, and the Tax Commission will cooperate to produce a list or lists of cigarette brands that are legal for sale under any and all statutes of the State of Utah.

R710-13-5. Adjudicative Proceedings.

5.1 Adjudicative proceedings performed by the agency shall proceed informally as authorized by UCA, Sections 63G-4-202 and 63G-4-203.

KEY: fire safe cigarettes
November 24, 2008 53-7-407

R859. Sports Authority (Utah), Pete Suazo Utah Athletic Commission.
R859-1. Pete Suazo Utah Athletic Commission Act Rule.
R859-1-101. Title.

This Rule is known as the "Pete Suazo Utah Athletic Commission Act Rule."

R859-1-102. Definitions.

In addition to the definitions in Title 63C, Chapter 11, the following definitions are adopted for the purpose of this Rule:

(1) "Boxing" means the sport of attack and defense using the fist, covered by an approved boxing glove.

(2) "Designated Commission member" means a member of the Commission designated as supervisor for a contest and responsible for the conduct of a contest, as assisted by other Commission members, Commission personnel, and others, as necessary and requested by the designated Commission member.

(3) "Drug" means a controlled substance, as defined in Title 58, Chapter 37, Utah Controlled Substances Act, or alcohol.

(4) "Elimination Tournament" means a contest involving unarmed combat in which contestants compete in a series of matches until not more than one contestant remains in any weight category.

(5) "Mandatory count of eight" means a required count of eight that is given by the referee of a boxing contest to a contestant who has been knocked down.

(6) "Unprofessional conduct" is as defined in Subsection 63C-11-302(25), and is defined further to include the following:

(a) as a promoter, failing to promptly inform the Commission of all matters relating to the contest;

(b) as a promoter, substituting a contestant in the 24 hours immediately preceding the scheduled contest without approval of the Commission;

(c) violating the rules for conduct of contests;

(d) testing positive for drugs or alcohol in a random body fluid screen before or after participation in any contest;

(e) testing positive for HIV;

(f) failing or refusing to comply with a valid order of the Commission or a representative of the Commission; and

(g) for a promoter and a contestant, entering into a secret contract that contradicts the terms of the contract(s) filed with the Commission.

(7) A "training facility" is a location where ongoing, scheduled training of unarmed combat contestants is held.

R859-1-201. Authority - Purpose.

The Commission adopts this Rule under the authority of Subsection 63C-11-304(1)(b), to enable the Commission to administer Title 63C, Chapter 11, of the Utah Code.

R859-1-202. Scope and Organization.

Pursuant to Title 63C, Chapter 11, general provisions codified in Sections R859-1-101 through R859-1-512 apply to all contests or exhibitions of "unarmed combat," as that term is defined in Subsection 63C-11-302(23). The provisions of Sections R859-1-601 through R859-1-623 shall apply only to contests of boxing, as defined in Subsection R859-1-102(1). The provisions of Sections R859-1-701 through R859-1-702 shall apply only to elimination tournaments, as defined in R859-1-102(4). The provisions of Section R859-1-801 shall apply only to martial arts contest and exhibitions. The provisions of Section 859-1-901 shall apply only to "White-Collar Contests". The provisions of Sections R859-1-1001 through R859-1-1004 shall apply only to grants for amateur boxing.

R859-1-301. Qualifications for Licensure.

(1) In accordance with Section 63C-11-308, a license is required for a person to act as or to represent that the person is a promoter, manager, contestant, second, referee, or judge.

(2) A licensed amateur MMA contestant shall not compete against a professional unarmed combat contestant, or receive a purse and/or other remuneration (other than for reimbursement for reasonable travel expenses, consistent with IRS guidelines).

(3) A licensed manager shall not hold a license as a referee or judge.

(4) A promoter shall not hold a license as a referee, judge, or contestant.

R859-1-302. Licensing - Procedure.

In accordance with the authority granted in Section 63C-11-309, the expiration date for licenses issued by the Commission shall be one year from the date of issuance.

R859-1-401. Designation of Adjudicative Proceedings.

(1) Formal Adjudicative Proceedings. The following proceedings before the Commission are designated as formal adjudicative proceedings:

(a) any action to revoke, suspend, restrict, place on probation or enter a reprimand as to a license;

(b) approval or denial of applications for renewal of a license;

(c) any proceedings conducted subsequent to the issuance of a cease and desist order; and

(d) the withholding of a purse by the Commission pursuant to Subsection 63C-11-321(3).

(2) Informal Adjudicative Proceedings. The following proceedings before the Commission are designated as informal adjudicative proceedings:

(a) approval or denial of applications for initial licensure;

(b) approval or denial of applications for reinstatement of a license; and

(c) protests against the results of a match.

(3) Any other adjudicative proceeding before the Commission not specifically listed in Subsections (1) and (2) above, is designated as an informal adjudicative proceeding.

R859-1-402. Adjudicative Proceedings in General.

(1) The procedures for formal adjudicative proceedings are set forth in Sections 63-46b-6 through 63-46b-10; and this Rule.

(2) The procedures for informal adjudicative proceedings are set forth in Section 63-46b-5; and this Rule.

(3) No evidentiary hearings shall be held in informal adjudicative proceedings before the Commission with the exception of protests against the results of a match in which an evidentiary hearing is permissible if timely requested. Any request for a hearing with respect to a protest of match results shall comply with the requirements of Section R859-1-404.

(4) Unless otherwise specified by the Commission, an administrative law judge shall be designated as the presiding officer to conduct any hearings in adjudicative proceedings before the Commission and thus rule on evidentiary issues and matters of law or procedure.

(5) The Commission shall be designated as the sole presiding officer in any adjudicative proceeding where no evidentiary hearing is conducted. The Commission shall be designated as the presiding officer to serve as the fact finder at evidentiary hearings.

(6) A majority vote of the Commission shall constitute its decision. Orders of the Commission shall be issued in accordance with Section 63-46b-10 for formal adjudicative proceedings, Subsection 63-46b-5(1)(i) for informal adjudicative proceedings, and shall be signed by the Director or, in his or her absence, by the Chair of the Commission.

R859-1-403. Additional Procedures for Immediate License Suspension.

(1) In accordance with Subsection 63C-11-310(7), the

designated Commission member may issue an order immediately suspending the license of a licensee upon a finding that the licensee presents an immediate and significant danger to the licensee, other licensees, or the public.

(2) The suspension shall be at such time and for such period as the Commission believes is necessary to protect the health, safety, and welfare of the licensee, other licensees, or the public.

(3) A licensee whose license has been immediately suspended may, within 30 days after the decision of the designated Commission member, challenge the suspension by submitting a written request for a hearing. The Commission shall convene the hearing as soon as is reasonably practical but not later than 20 days from the receipt of the written request, unless the Commission and the party requesting the hearing agree to conduct the hearing at a later date.

R859-1-404. Evidentiary Hearings in Informal Adjudicative Proceedings.

(1) A request for an evidentiary hearing in an informal adjudicative proceeding shall be submitted in writing no later than 20 days following the issuance of the Commission's notice of agency action if the proceeding was initiated by the Commission, or together with the request for agency action, if the proceeding was not initiated by the Commission, in accordance with the requirements set forth in the Utah Administrative Procedures Act, Title 63, Chapter 46b.

(2) Unless otherwise agreed upon by the parties, no evidentiary hearing shall be held in an informal adjudicative proceeding unless timely notice of the hearing has been served upon the parties as required by Subsection 63-46b-5(1)(d). Timely notice means service of a Notice of Hearing upon all parties no later than ten days prior to any scheduled evidentiary hearing.

(3) Parties shall be permitted to testify, present evidence, and comment on the issues at an evidentiary hearing in an informal adjudicative proceeding.

R859-1-405. Reconsideration and Judicial Review.

Agency review is not available as to any order or decision entered by the Commission. However, any person aggrieved by an adverse determination by the Commission may either seek reconsideration of the order pursuant to Section 63-46b-13 of the Utah Administrative Procedures Act or seek judicial review of the order pursuant to Sections 63-46b-14 through 63-46b-17.

R859-1-501. Promoter's Responsibility in Arranging Contests-Permit Fee, Bond, Restrictions.

(1) Before a licensed promoter may hold a contest or single contest as part of a single promotion, the promoter shall file with the Commission an application for a permit to hold the contest not less than 15 days before the date of the proposed contest, or not less than seven days for televised contests.

(2) The application shall include the date, time, and place of the contest as well as information concerning the on-site emergency facilities, personnel, and transportation.

(3) The permit application must be accompanied by a contest registration fee determined by the Department under Section 63-38-32.

(4) Before a permit to hold a contest is granted, the promoter shall post a surety bond with the Commission in the amount of $10,000.

(5) Prior to the scheduled time of the contest, the promoter shall have available for inspection the completed physical facilities which will be used directly or indirectly for the contest. The designated Commission member shall inspect the facilities in the presence of the promoter or the promoter's authorized representative, and all deficiencies cited upon inspection shall be corrected before the contest.

(6) A promoter shall be responsible for verifying the identity, ring record, and suspensions of each contestant. A promoter shall be held responsible for the accuracy of the names and records of each of the participating contestants in all publicity or promotional material.

(7) A promoter shall be held responsible for a contest in which one of the contestants is disproportionately outclassed.

(8) Before a contest begins, the promoter shall give the designated Commission member the money for payment of contestants, referees, judges, and the attending physician. The designated Commission member shall pay each contestant, referee, judge, and physician in the presence of one witness.

(9) A promoter shall be not under the influence of alcohol or controlled substances during the contest and until all purses to the contestants and all applicable fees are paid to the commission, officials and ringside physician.

(10) At the time of an unarmed combat contest weigh-in, the promoter of a contest shall provide primary insurance coverage for each uninsured contestant and secondary insurance for each insured contestant in the amount of $10,000 for each licensed contestant to provide medical, surgical and hospital care for licensed contestants who are injured while engaged in a contest or exhibition:

(a) The term of the insurance coverage must not require the contestant to pay a deductible for the medical, surgical or hospital care for injuries he sustains while engaged in a contest of exhibition.

(b) If a licensed contestant pays for the medical, surgical or hospital care, the insurance proceeds must be paid to the contestant or his beneficiaries as reimbursement for the payment.

(c) The promoter should also have life insurance coverage of $10,000 for each contestant in case of death.

R859-1-502. Ringside Equipment.

(1) Each promoter shall provide all of the following:

(a) a sufficient number of buckets for use by the contestants;

(b) stools for use by the seconds;

(c) rubber gloves for use by the referees, seconds, ringside physicians, and Commission representatives;

(d) a stretcher, which shall be available near the ring and near the ringside physician;

(e) a portable resuscitator with oxygen;

(f) an ambulance with attendants on site at all times when contestants are competing. Arrangements shall be made for a replacement ambulance if the first ambulance is required to transport a contestant for medical treatment. The location of the ambulance and the arrangements for the substitute ambulance service shall be communicated to the physician;

(g) seats at ringside for the assigned officials;

(h) seats at ringside for the designated Commission member;

(i) scales for weigh-ins, which the Commission shall require to be certified;

(j) a gong;

(k) a public address system;

(l) a separate dressing room for each sex, if contestants of both sexes are participating;

(m) a separate room for physical examinations;

(n) a separate dressing room shall be provided for officials, unless the physical arrangements of the contest site make an additional dressing room impossible;

(o) adequate security personnel; and

(p) sufficient bout sheets for ring officials and the designated Commission member.

(2) A promoter shall only hold contests in facilities that conform to the laws, ordinances, and regulations regulating the city, town, or village where the bouts are situated.

(3) Restrooms shall not be used as dressing rooms and for physical examinations and weigh-ins.

R859-1-503. Contracts.

(1) Pursuant to Section 63C-11-320, a copy of the contract between a promoter and a contestant shall be filed with the Commission before a contest begins. The contract that is filed with the Commission shall embody all agreements between the parties.

(2) A contestant's manager may sign a contract on behalf of the contestant. If a contestant does not have a licensed manager, the contestant shall sign the contract.

(3) A contestant shall use his own legal name to sign a contract. However, a contestant who is licensed under another name may sign the contract using his licensed name if the contestant's legal name appears in the body of the contract as the name under which the contestant is legally known.

(4) The contract between a promoter and a contestant shall be for the use of the contestant's skills in a contest and shall not require the contestant to sell tickets in order to be paid for his services.

R859-1-504. Complimentary Tickets.

(1) Limitation on issuance, calculation of price, and service charge for payment to contestant working on percentage basis.

(a) A promoter may not issue complimentary tickets for more than 4 percent of the seats in the house without the Commission's written authorization. The Commission shall not consider complimentary tickets which it authorizes under this Section to constitute part of the total gross receipts from admission fees for the purposes of calculating the license fee prescribed in Subsection 63C-11-311(1).

(b) If complimentary tickets are issued for more than 4 percent of the seats in the house, each contestant who is working on a percentage basis shall be paid a percentage of the normal price of all complimentary tickets in excess of 4 percent of the seats in the house, unless the contract between the contestant and the promoter provides otherwise and stipulates the number of complimentary tickets which will be issued. In addition, if a service fee is charged for complimentary tickets, the contestant is entitled to be paid a percentage of that service fee, less any deduction for federal taxes and fees.

(c) Pursuant to Subsection 63C-11-311(3)(a) a promoter shall file, within 10 days after the contest, a report indicating how many complimentary tickets the promoter issued and the value of those tickets.

(2) Complimentary ticket and tickets at reduced rate, persons entitled or allowed to receive such tickets, duties of promoter, disciplinary action, fees and taxes.

(a) Each promoter shall provide tickets without charge to the following persons who shall not be liable for the payment of any fees for those tickets:

(i) the Commission members, Director and representatives;

(ii) principals and seconds who are engaged in a contest or exhibition which is part of the program of unarmed combat; and

(iii) holders of lifetime passes issued by the Commission.

(b) Each promoter may provide tickets without charge or at a reduced rate to the following persons who shall be liable for payment of applicable fees on the reduced amount paid, unless the person is a journalist, police officer or fireman as provided in this Subsection:

(i) Any of the promoter's employees, and if the promoter is a corporation, to a director or officer who is regularly employed or engaged in promoting programs of unarmed combat, regardless of whether the director or officer's duties require admission to the particular program and regardless of whether the director or officer is on duty at the time of that program;

(ii) Employees of the Commission;

(iii) A journalist who is performing a journalist's duties; and

(iv) A fireman or police officer that is performing the duties of a fireman or police officer.

(c) Each promoter shall perform the following duties in relation to the issuance of complimentary tickets or those issued at a reduced price:

(i) Each ticket issued to a journalist shall be clearly marked "PRESS." No more tickets may be issued to journalists than will permit comfortable seating in the press area;

(ii) Seating at the press tables or in the press area must be limited to journalists who are actually covering the contest or exhibition and to other persons designated by the Commission;

(iii) A list of passes issued to journalists shall be submitted to the Commission prior to the contest or exhibition;

(iv) Only one ticket may be sold at a reduced price to any manager, second, contestant or other person licensed by the Commission;

(v) Any credential issued by the promoter which allows an admission to the program without a ticket, shall be approved in advance by a member of the Commission or the Director. Request for the issuance of such credentials shall be made at least 5 hours before the first contest or exhibition of the program.

(d) Admission of any person who does not hold a ticket or who is not specifically exempted pursuant to this Section is grounds for suspension or revocation of the promoter's license or for the assessment of a penalty.

(e) The Commission shall collect all fees and taxes due on any ticket that is not specifically exempt pursuant to this Section, and for any person who is admitted without a ticket in violation of this Section.

(3) Reservation of area for use by Commission. For every program of unarmed combat, the promoter of the program shall reserve seats at ringside for use by the designated Commission member and Commission representatives.

R859-1-505. Physical Examination - Physician.

(1) Not less than one hour before a contest, each contestant shall be given a medical examination by a physician who is appointed by the designated Commission member. The examination shall include a detailed medical history and a physical examination of all of the following:

(a) eyes;
(b) teeth;
(c) jaw;
(d) neck;
(e) chest;
(f) ears;
(g) nose;
(h) throat;
(i) skin;
(j) scalp;
(k) head;
(l) abdomen;
(m) cardiopulmonary status;
(n) neurological, musculature, and skeletal systems;
(o) pelvis; and
(p) the presence of controlled substances in the body.

(2) If after the examination the physician determines that a contestant is unfit for competition, the physician shall notify the Commission of this determination, and the Commission shall prohibit the contestant from competing.

(3) The physician shall provide a written certification of those contestants who are in good physical condition to compete.

(4) Before a bout, a female contestant shall provide the ringside physician with the results of a pregnancy test performed

on the contestant within the previous 14 days. If the results of the pregnancy test are positive, the physician shall notify the Commission, and the Commission shall prohibit the contestant from competing.

(5) A female contestant with breast implants shall be denied a license.

(6) A contestant who has had cardiac surgery shall not be issued a license unless he is certified as fit to compete by a cardiovascular surgeon.

(7) A contest shall not begin until a physician and an attended ambulance are present. The physician shall not leave until the decision in the final contest has been announced and all injured contestants have been attended to.

(8) The contest shall not begin until the physician is seated at ringside. The physician shall remain at that location for the entire fight, unless it is necessary for the physician to attend to a contestant.

R859-1-506. Drug Tests.

In accordance with Section 63C-11-317, the following shall apply to drug testing:

(1) The administration of or use of any:

(a) Alcohol;

(b) Stimulant; or

(c) Drug or injection that has not been approved by the Commission, including, but not limited to, the drugs or injections listed R859-1-506 (2), in any part of the body, either before or during a contest or exhibition, to or by any unarmed combatant, is prohibited.

(2) The following types of drugs, injections or stimulants are prohibited pursuant to R859-1-506 (1):

(a) Afrinol or any other product that is pharmaceutically similar to Afrinol.

(b) Co-Tylenol or any other product that is pharmaceutically similar to Co-Tylenol.

(c) A product containing an antihistamine and a decongestant.

(d) A decongestant other than a decongestant listed in R859-1-506 (4).

(e) Any over-the-counter drug for colds, coughs or sinuses other than those drugs listed in R859-1-506 (4). This paragraph includes, but is not limited to, Ephedrine, Phenylpropanolamine, and Mahuang and derivatives of Mahuang.

(f) Any drug identified on the 2008 edition of the Prohibited List published by the World Anti-Doping Agency, which is hereby incorporated by reference. The 2008 edition of the Prohibited List may be obtained, free of charge, at www.wada-ama.org.

(3) The following types of drugs or injections are not prohibited pursuant to R859-1-506 (1), but their use is discouraged by the Commission:

(a) Aspirin and products containing aspirin.

(b) Nonsteroidal anti-inflammatories.

(4) The following types of drugs or injections are accepted by the Commission:

(a) Antacids, such as Maalox.

(b) Antibiotics, antifungals or antivirals that have been prescribed by a physician.

(c) Antidiarrheals, such as Imodium, Kaopectate or Pepto-Bismol.

(d) Antihistamines for colds or allergies, such as Bromphen, Brompheniramine, Chlorpheniramine Maleate, Chlor-Trimeton, Dimetane, Hismal, PBZ, Seldane, Tavist-1 or Teldrin.

(e) Antinauseants, such as Dramamine or Tigan.

(f) Antipyretics, such as Tylenol.

(g) Antitussives, such as Robitussin, if the antitussive does not contain codeine.

(h) Antiulcer products, such as Carafate, Pepcid, Reglan, Tagamet or Zantac.

(i) Asthma products in aerosol form, such as Brethine, Metaproterenol (Alupent) or Salbutamol (Albuterol, Proventil or Ventolin).

(j) Asthma products in oral form, such as Aminophylline, Cromolyn, Nasalide or Vanceril.

(k) Ear products, such as Auralgan, Cerumenex, Cortisporin, Debrox or Vosol.

(l) Hemorrhoid products, such as Anusol-HC, Preparation H or Nupercainal.

(m) Laxatives, such as Correctol, Doxidan, Dulcolax, Efferyllium, Ex-Lax, Metamucil, Modane or Milk of Magnesia.

(n) Nasal products, such as AYR Saline, HuMist Saline, Ocean or Salinex.

(o) The following decongestants:

(i) Afrin;

(ii) Oxymetazoline HCL Nasal Spray; or

(iii) Any other decongestant that is pharmaceutically similar to a decongestant listed in R859-1-506 (1)or (2).

(5) At the request of the Commission, the designated Commission member, or the ringside physician, a contestant or assigned official shall submit to a test of body fluids to determine the presence of drugs. A contestant must give an adequate sample or it will deem to be a denial. The promoter shall be responsible for any costs of testing.

(6) If the test results in a finding of the presence of a drug or if the contestant or assigned official is unable or unwilling to provide a sample of body fluids for such a test, the Commission may take one or more of the following actions:

(a) immediately suspend the contestant's or assigned official's license in accordance with Section R859-1-403;

(b) stop the contest in accordance with Subsection 63C-11-316(2);

(c) initiate other appropriate licensure action in accordance with Section 63C-11-310; or

(d) withhold the contestant's purse in accordance with Subsection 63C-11-321.

(7) A contestant who is disciplined pursuant to the provisions of this Rule and who was the winner of a contest shall be disqualified and the decision of the contest shall be changed to "no contest."

(8) Unless the commission licensing an event requires otherwise, a contestant who tests positive for illegal drugs shall be penalized as follows:

(a) First offense - 180 day suspension.

(b) Second offense - 1 year suspension, and mandatory completion of a supervisory treatment program approved by the commission that licensed the event.

(c) Third offense - 2 year suspension, and mandatory completion of a supervisory treatment program approved by the commission that licensed the event.

R859-1-507. HIV Testing.

In accordance with Section 63C-11-317, contestants shall produce evidence of a clear test for HIV as a condition to participation in a contest as follows:

(1) All contestants shall provide evidence in the form of a competent laboratory examination certificate verifying that the contestant is HIV negative at the time of the weigh-in.

(2) The examination certificate shall certify that the HIV test was completed within 180 days prior to the contest.

(3) Any contestant whose HIV test is positive shall be prohibited from participating in a contest.

R859-1-508. Hepatitis B Surface Antigen (HBsAg) and Hepatitis C Virus (HCV) Antibody Testing.

In accordance with Section 63C-11-317(d), contestants shall produce evidence of a negative test for HBsAg and HCV antibody as a condition to participation in a contest as follows:

(1) All contestants shall provide evidence in the form of a competent laboratory examination certificate verifying that the contestant is negative at the time of the weigh-in.

(2) The examination certificate shall certify that the HBsAg and HCV antibody testing was completed within 180 days prior to the contest.

(3) Any contestant whose HBV or HCV result is positive shall be prohibited from participating in a contest.

(4) In lieu of a negative HBsAg test result, a contestant may present laboratory testing evidence of immunity against Hepatitis B virus based on a positive hepatitis B surface antibody (anti-HBs) test result or of having received the complete hepatitis B vaccine series as recommended by the Advisory Committee on Immunization Practices.

R859-1-509. Contestant Use or Administration of Any Substance.

(1) The use or administration of drugs, stimulants, or non-prescription preparations by or to a contestant during a contest is prohibited, except as provided by this Rule.

(2) The giving of substances other than water to a contestant during the course of the contest is prohibited.

(3) The discretional use of petroleum jelly may be allowed, as determined by the referee.

(4) The discretional use of coagulants, adrenalin 1/1000, avetine, and thrombin, as approved by the Commission, may be allowed between rounds to stop the bleeding of minor cuts and lacerations sustained by a contestant. The use of monsel solution, silver nitrate, "new skin," flex collodion, or substances having an iron base is prohibited, and the use of any such substance by a contestant is cause for immediate disqualification.

(5) The ringside physician shall monitor the use and application of any foreign substances administered to a contestant before or during a contest and shall confiscate any suspicious foreign substance for possible laboratory analysis, the results of which shall be forwarded to the Commission.

R859-1-510. Weighing-In.

(1) Unless otherwise approved by the Commission for a specific contest, the weigh-in shall occur not less than six nor more than 24 hours before the start of a contest. The designated Commission member or authorized Commission representative(s), shall weigh-in each contestant in the presence of other contestants.

(2) Contestants shall be licensed at the time they are weighed-in.

(3) Only those contestants who have been previously approved for the contest shall be permitted to weigh-in.

(4) Each contestant must weigh in the presence of his opponent, a representative of the commission and an official representing the promoter, on scales approved by the commission at any place designed by the commission.

(5) The contestant must have all weights stripped from his body before he is weighed in, but may wear shorts. Female contestants are permitted to wear a singlet and/or sports bra for modesty.

(6) The commission may require contestants to be weighted more than once for any cause deemed sufficient by the commission.

(7) A contestant who fails to make the weight agreed upon in his bout agreement forfeits:

(a) Twenty five percent of his purse if no lesser amount is set by the commission's representative: or

(b) A lesser amount set by the secretary and approved by the commission, unless the weight difference is 1 pound or less.

R859-1-511. Announcer.

(1) At the beginning of a contest, the announcer shall announce that the contest is under the auspices of the Commission.

(2) The announcer shall announce the names of the referee, judges, and timekeeper when the competitions are about to begin, and shall also announce the changes made in officials as the contest progresses.

(3) The announcer shall announce the names of all contestants, their weight, professional record, their city and state of residence, and country of origin if not a citizen.

R859-1-512. Timekeepers.

(1) A timekeeper shall indicate the beginning and end of each round by the gong.

(2) A timekeeper shall possess a whistle and a stopwatch.

(3) Ten seconds before the beginning of each round, the timekeeper shall warn the contestants of the time by blowing a whistle.

(4) If a contest terminates before the scheduled limit of rounds, the timekeeper shall inform the announcer of the exact duration of the contest.

(5) The timekeeper shall keep track of and record the exact amount of time that any contestant remains on the canvas.

R859-1-513. Stopping a Contest.

In accordance with Subsections 63C-11-316(2) and 63C-11-302(14)(b), authority for stopping a contest is defined, clarified or established as follows.

(1) The referee may stop a contest to ensure the integrity of a contest or to protect the health, safety, or welfare of a contestant or the public for any one or more of the following reasons:

(a) injuries, cuts, or other physical or mental conditions that would endanger the health, safety, or welfare of a contestant if the contestant were to continue with the competition.

(b) one-sided nature of the contest;

(c) refusal or inability of a contestant to reasonably compete; and

(d) refusal or inability of a contestant to comply with the rules of the contest.

(2) If a referee stops a contest, the referee shall disqualify the contestant, where appropriate, and recommend to the designated Commission member that the purse of that professional contestant be withheld pending an impoundment decision in accordance with Section 63C-11-321.

(3) The designated Commission member may stop a contest at any stage in the contest when there is a significant question with respect to the contest, the contestant, or any other licensee associated with the contest, and determine whether the purse should be withheld pursuant to Section 63C-11-321.

R859-1-601. Boxing - Contest Weights and Classes.

(1) Boxing weights and classes are established as follows:

(a) Strawweight: up to 105 lbs. (47.627 kgs.)

(b) Light-Flyweight: over 105 to 108 lbs. (47.627 to 48.988 kgs.)

(c) Flyweight: over 108 to 112 lbs. (48.988 to 50.802 kgs.)

(d) Super Flyweight: over 112 to 115 lbs. (50.802 to 52.163 kgs.)

(e) Bantamweight: over 115 to 118 lbs. (52.163 to 53.524 kgs.)

(f) Super Bantamweight: over 118 to 122 lbs. (53.524 to 55.338 kgs.)

(g) Featherweight: over 122 to 126 lbs. (55.338 to 57.153 kgs.)

(h) Super Featherweight: over 126 to 130 lbs. (57.153 to 58.967 kgs.)

(i) Lightweight: over 130 to 135 lbs. (58.967 to 61.235 kgs.)

(j) Super Lightweight: over 135 to 140 lbs. (61.235 to

63.503 kgs.)

(k) Welterweight: over 140 to 147 lbs. (63.503 to 66.678 kgs.)

(l) Super Welterweight: over 147 to 154 lbs. (66.678 to 69.853 kgs.)

(m) Middleweight: over 154 to 160 lbs. (69.853 to 72.574 kgs.)

(n) Super Middleweight: over 160 to 168 lbs. (72.574 to 76.204 kgs.)

(o) Light-heavyweight: over 168 to 175 lbs. (76.204 to 79.378 kgs.)

(p) Cruiserweight: over 175 to 200 lbs. (79.378 to 90.80 kgs.)

(q) Heavyweight: all over 200 lbs. (90.80 kgs.)

(2) A contestant shall not fight another contestant who is outside of the contestant's weight classification unless prior approval is given by the Commission.

(3) A contestant who has contracted to box in a given weight class shall not be permitted to compete if he or she exceeds that weight class at the weigh-in, unless the contract provides for the opposing contestant to agree to the weight differential. If the weigh-in is held the day before the contest and if the opposing contestant does not agree or the contract does not provide for a weight exception, the contestant may have two hours to attempt to lose not more than three pounds in order to be reweighed.

(4) The Commission shall not allow a contest in which the contestants are not fairly matched. In determining if contestants are fairly matched, the Commission shall consider all of the following factors with respect to the contestant:

(a) the win-loss record of the contestants;

(b) the weight differential;

(c) the caliber of opponents;

(d) each contestant's number of fights; and

(e) previous suspensions or disciplinary actions.

R859-1-602. Boxing - Number of Rounds in a Bout.

(1) A contest bout shall consist of not less than four and not more than twelve scheduled rounds. Three minutes of boxing shall constitute a round for men's boxing, and two minutes shall constitute a round for women's boxing. There shall be a rest period of one minute between the rounds.

(2) A promoter shall contract with a sufficient number of contestants to provide a program consisting of at least 30 and not more than 56 scheduled rounds of boxing, unless otherwise approved by the Commission.

R859-1-603. Boxing - Ring Dimensions and Construction.

(1) The ring shall be square, and the sides shall not be less than 16 feet nor more than 22 feet. The ring floor shall extend not less than 18 inches beyond the ropes. The ring floor shall be padded with a base not less than 5/8 of an inch of ensolite or another similar closed-cell foam. The padding shall extend beyond the ring ropes and over the edge of the platform, and shall be covered with canvas, duck, or a similar material that is tightly stretched and laced securely in place.

(2) The ring floor platform shall not be more than four feet above the floor of the building, and shall have two sets of suitable stairs for the use of contestants, with an extra set of suitable stairs to be used for any other activities that may occur between rounds. Ring posts shall be made of metal and shall be not less than three nor more than four inches in diameter, extending a minimum of 58 inches above the ring floor. Ring posts shall be at least 18 inches away from the ropes.

(3) The ring shall not have less than four ring ropes which can be tightened and which are not less than one inch in diameter. The ring ropes shall be wrapped in a soft material. The turnbuckles shall be covered with a protective padding. The ring ropes shall have two spacer ties on each side of the ring to secure the ring ropes. The lower ring rope shall be 18 inches above the ring floor. The ring shall have corner pads in each corner.

R859-1-604. Boxing - Gloves.

(1) A boxing contestant's gloves shall be examined before a contest by the referee and the designated Commission member. If gloves are found to be broken or unclean or if the padding is found to be misplaced or lumpy, they shall be changed before the contest begins.

(2) A promoter shall be required to have on hand an extra set of gloves that are to be used if a contestant's gloves are broken or damaged during the course of a contest.

(3) Gloves for a main event may be put on in the ring after the referee has inspected the bandaged hands of both contestants.

(4) During a contest, male contestants shall wear gloves weighing not less than eight ounces each if the contestant weighs 154 1bs. (69.853 kgs.) or less. Contestants who weigh more than 154 1bs. (69.853 kgs.) shall wear gloves weighing ten ounces each. Female contestants' gloves shall be ten-ounce gloves. The designated Commission member shall have complete discretion to approve or deny the model and style of the gloves before the contest.

(5) The laces shall be tied on the outside of the back of the wrist of the gloves and shall be secured. The tips of the laces shall be removed.

R859-1-605. Boxing - Bandage Specification.

(1) Except as agreed to by the managers of the contestants opposing each other in a contest, a contestant's bandage for each hand shall consist of soft gauze not more than 20 yards long and not more than two inches wide. The gauze shall be held in place by not more than eight feet of adhesive tape not more than one and one-half inches wide. The adhesive tape must be white or a light color.

(2) Bandages shall be adjusted in the dressing room under the supervision of the designated Commission member.

(3) The use of water or any other substance other than medical tape on the bandages is prohibited.

(4) The bandages and adhesive tape may not extend to the knuckles, and must remain at least three-fourths of an inch away from the knuckles when the hand is clenched to make a fist.

R859-1-606. Boxing - Mouthpieces.

A round shall not begin until the contestant's form-fitted protective mouthpiece is in place. If, during a round, the mouthpiece falls out of the contestant's mouth, the referee shall, as soon as practicable, stop the bout and escort the contestant to his corner. The mouthpiece shall be rinsed out and replaced in the contestant's mouth and the contest shall continue. If the referee determines that the contestant intentionally spit the mouthpiece out, the referee may direct the judges to deduct points from the contestant's score for the round.

R859-1-607. Boxing - Contest Officials.

(1) The officials for each boxing contest shall consist of not less than the following:

(a) one referee;

(b) three judges;

(c) one timekeeper; and

(d) one physician licensed in good standing in Utah.

(2) A licensed referee, judge, or timekeeper shall not officiate at a contest that is not conducted under the authority or supervision of the designated Commission member.

(3) A referee or judge shall not participate or accept an assignment to officiate when that assignment may tend to impair the referee's or judge's independence of judgment or action in the performance of the referee's or judge's duties.

(4) A judge shall be seated midway between the ring posts of the ring, but not on the same side as another judge, and shall have an unimpaired view of the ring.

(5) A referee shall not be assigned to officiate more than 32 scheduled rounds in one day, except when substituting for another referee who is incapacitated.

(6) A referee shall not wear jewelry that might cause injury to the contestants. Glasses, if worn, shall be protective athletic glasses or goggles with plastic lenses and a secure elastic band around the back of the head.

(7) Referees, seconds working in the corners, the designated Commission member, and physicians may wear rubber gloves in the performance of their duties.

(8) No official shall be under the influence of alcohol or controlled substances while performing the official's duties.

R859-1-608. Boxing - Contact During Contests.

(1) Beginning one minute before the first round begins, only the referee, boxing contestants, and the chief second may be in the ring. The referee shall clear the ring of all other individuals.

(2) Once a contest has begun, only the referee, contestants, seconds, judges, Commission representatives, physician, the announcer and the announcer's assistants shall be allowed in the ring.

(3) At any time before, during or after a contest, the referee may order that the ring and technical area be cleared of any individual not authorized to be present in those areas.

(4) The referee, on his own initiative, or at the request of the designated Commission member, may stop a bout at any time if individuals refuse to clear the ring and technical area, dispute a decision by an official, or seek to encourage spectators to object to a decision either verbally, physically, or by engaging in disruptive conduct. If the individual involved in disruptive conduct or encouraging disruptive conduct is the manager or second of a contestant, the referee may disqualify the contestant or order the deduction of points from that contestant's score. If the conduct occurred after the decision was announced, the Commission may change the decision, declare no contest, or pursue disciplinary action against any licensed individual involved in the disruptive conduct.

R859-1-609. Boxing - Referees.

(1) The chief official of a boxing contest shall be the referee. The referee shall decide all questions arising in the ring during a contest that are not specifically addressed in this Rule.

(2) The referee shall, before each contest begins, determine the name and location of the physician assigned to officiate at the contest and each contestant's chief second.

(3) At the beginning of each contest, the referee shall summon the contestants and their chief seconds together for final instructions. After receiving the instructions, the contestants shall shake hands and retire to their respective corners.

(4) Where difficulties arise concerning language, the referee shall make sure that the contestant understands the final instructions through an interpreter and shall use suitable gestures and signs during the contest.

(5) No individual other than the contestants, the referee, and the physician when summoned by the referee, may enter the ring or the apron of the ring during the progress of a round.

(6) If a contestant's manager or second steps into the ring or onto the apron of the ring during a round, the fight shall be halted and the referee may eject the manager or second from the ringside working area. If the manager or second steps into the ring or onto the apron a second time during the contest, the fight may be stopped and the decision may be awarded to the contestant's opponent due to disqualification.

(7) A referee shall inspect a contestant's body to determine whether a foreign substance has been applied.

R859-1-610. Boxing - Stalling or Faking.

(1) A referee shall warn a contestant if the referee believes the contestant is stalling or faking. If after proper warning, the referee determines the contestant is continuing to stall or pull his punches, the referee shall stop the bout at the end of the round.

(2) A referee may consult the judges as to whether or not the contestant is stalling or faking and shall abide by a majority decision of the judges.

(3) If the referee determines that either or both contestants are stalling or faking, or if a contestant refuses to fight, the referee shall terminate the contest and announce a no contest.

(4) A contestant who, in the opinion of the referee, intentionally falls down without being struck shall be immediately examined by a physician. After conferring with the physician, the referee may disqualify the contestant.

R859-1-611. Boxing - Injuries and Cuts.

(1) When an injury or cut is produced by a fair blow and because of the severity of the blow the contest cannot continue, the injured boxing contestant shall be declared the loser by technical knockout.

(2) If a contestant intentionally fouls his opponent and an injury or cut is produced, and due to the severity of the injury the contestant cannot continue, the contestant who commits the foul shall be declared the loser by disqualification.

(3) If a contestant receives an intentional butt or foul and the contest can continue, the referee shall penalize the contestant who commits the foul by deducting two points. The referee shall notify the judges that the injury or cut has been produced by an intentional unfair blow so that if in the subsequent rounds the same injury or cut becomes so severe that the contest has to be suspended, the decision will be awarded as follows:

(a) a technical draw if the injured contestant is behind on points or even on a majority of scorecards; and

(b) a technical decision to the injured contestant if the injured contestant is ahead on points on a majority of the scorecards.

(4) If a contestant injures himself trying to foul his opponent, the referee shall not take any action in his favor, and the injury shall be considered as produced by a fair blow from his opponent.

(5) If a contestant is fouled accidentally during a contest and can continue, the referee shall stop the action to inform the judges and acknowledge the accidental foul. If in subsequent rounds, as a result of legal blows, the accidental foul injury worsens and the contestant cannot continue, the referee shall stop the contest and declare a technical decision with the winner being the contestant who is ahead on points on a majority of the scorecards. The judges shall score partial rounds. If a contestant is accidentally fouled in a contest and due to the severity of the injury the contestant cannot continue, the referee shall rule as follows:

(a) if the injury occurs before the completion of four rounds, declare the contest a technical draw; or

(b) if the injury occurs after the completion of four rounds, declare that the winner is the contestant who has a lead in points on a majority of the scorecards before the round of injury. The judges shall score partial rounds.

(6) If in the opinion of the referee, a contestant has suffered a dangerous cut or injury, or other physical or mental condition, the referee may stop the bout temporarily to summon the physician. If the physician recommends that the contest should not continue, the referee shall order the contest to be terminated.

(7) A fight shall not be terminated because of a low blow.

The referee may give a contestant not more than five minutes if the referee believes a foul has been committed. Each contestant shall be instructed to return to his or her respective corner by the referee. The contestants may sit in their respective corners with their mouthpiece removed. After removing their contestant's mouthpiece, the seconds must return to their seats. The seconds may not coach, administer water, or in any other way attend to their contestant, except to replace the mouthpiece when the round is ready to resume.

(8) If a contestant is knocked down or given a standing mandatory count of eight or a combination of either occurs three times in one round, the contest shall be stopped and a technical knockout shall be awarded to the opponent. The physician shall immediately enter the ring and examine the losing contestant.

(9) A physician shall immediately examine and administer aid to a contestant who is knocked out or injured.

(10) When a contestant is knocked out or rendered incapacitated, the referee or second shall not handle the contestant, except for the removal of a mouthpiece, unless directed by the physician to do so.

(11) A contestant shall not refuse to be examined by a physician.

(12) A contestant who has been knocked out shall not leave the site of the contest until one hour has elapsed from the time of the examination or until released by the physician.

(13) A physician shall file a written report with the Commission on each contestant who has been knocked out or injured.

R859-1-612. Boxing - Knockouts.

(1) A boxing contestant who is knocked down shall take a minimum mandatory count of eight.

(2) If a boxing contestant is dazed by a blow and, in the referee's opinion, is unable to defend himself, the referee shall give a standing mandatory count of eight or stop the contest. If on the count of eight the boxing contestant, in the referee's opinion, is unable to continue, the referee may count him out on his feet or stop the contest on the count of eight.

(3) In the event of a knockdown, the timekeeper shall immediately start the count loud enough to be heard by the referee, who, after waving the opponent to the farthest neutral corner, shall pick up the count from the timekeeper and proceed from there. The referee shall stop the count if the opponent fails to remain in the corner. The count shall be resumed when the opponent has returned to the corner.

(4) The timekeeper shall signal the count to the referee.

(5) If the boxing contestant taking the count is still down when the referee calls the count of ten, the referee shall wave both arms to indicate that the boxing contestant has been knocked out. The referee shall summon the physician and shall then raise the opponent's hand as the winner. The referee's count is the official count.

(6) If at the end of a round a boxing contestant is down and the referee is in the process of counting, the gong indicating the end of the round shall not be sounded. The gong shall only be sounded when the referee gives the command to box indicating the continuation of the bout.

(7) In the final round, the timekeeper's gong shall terminate the fight.

(8) A technical knockout decision shall be awarded to the opponent if a boxing contestant is unable or refuses to continue when the gong sounds to begin the next round. The decision shall be awarded in the round started by the gong.

(9) The referee and timekeeper shall resume their count at the point it was suspended if a boxing contestant arises before the count of ten is reached and falls down again immediately without being struck.

(10) If both boxing contestants go down at the same time, counting will be continued as long as one of them is still down or until the referee or the ringside physician determines that one or both of the boxing contestants needs immediate medical attention. If both boxing contestants remain down until the count of ten, the bout will be stopped and the decision will be scored as a double knockout.

R859-1-613. Boxing - Procedure After Knockout or Contestant Sustaining Damaging Head Blows.

(1) A boxing contestant who has lost by a technical knockout shall not fight again for a period of 30 calendar days or until the contestant has submitted to a medical examination. The Commission may require such physical exams as necessary.

(2) A ringside physician shall examine a boxing contestant who has been knocked out in a contest or a contestant whose fight has been stopped by the referee because the contestant received hard blows to the head that made him defenseless or incapable of continuing immediately after the knockout or stoppage. The ringside physician may order post-fight neurological examinations, which may include computerized axial tomography (CAT) scans or magnetic resonance imaging (MRI) to be performed on the contestant immediately after the contestant leaves the location of the contest. Post-fight neurological examination results shall be forwarded to the Commission by the ringside physician as soon as possible.

(3) A report that records the amount of punishment a fighter absorbed shall be submitted to the Commission by the ringside physician within 24 hours of the end of the fight.

(4) A ringside physician may require any boxing contestant who has sustained a severe injury or knockout in a bout to be thoroughly examined by a physician within 24 hours of the bout. The physician shall submit his findings to the Commission. Upon the physician's recommendation, the Commission may prohibit the contestant from boxing until the contestant is fully recovered and may extend any such suspension imposed.

(5) All medical reports that are submitted to the Commission relative to a physical examination or the condition of a boxing contestant shall be confidential and shall be open for examination only by the Commission and the licensed contestant upon the contestant's request to examine the records or upon the order of a court of competent jurisdiction.

(6) A boxing contestant who has been knocked out or who received excessive hard blows to the head that made him defenseless or incapable of continuing shall not be permitted to take part in competitive or noncompetitive boxing for a period of not less than 60 days. Noncompetitive boxing shall include any contact training in the gymnasium. It shall be the responsibility of the boxing contestant's manager and seconds to assure that the contestant complies with the provisions of this Rule. Violation of this Rule could result in the indefinite suspension of the contestant and the contestant's manager or second.

(7) A contestant may not resume boxing after any period of rest prescribed in Subsections R859-1-613(1) and (6), unless following a neurological examination, a physician certifies the contestant as fit to take part in competitive boxing. A boxing contestant who fails to secure an examination prior to resuming boxing shall be automatically suspended until the results of the examination have been received by the Commission and the contestant is certified by a physician as fit to compete.

(8) A boxing contestant who has lost six consecutive fights shall be prohibited from boxing again until the Commission has reviewed the results of the six fights or the contestant has submitted to a medical examination by a physician.

(9) A boxing contestant who has suffered a detached retina shall be automatically suspended and shall not be reinstated until the contestant has submitted to a medical examination by an ophthalmologist and the Commission has reviewed the results of the examination.

(10) A boxing contestant who is prohibited from boxing in other states or jurisdictions due to medical reasons shall be prohibited from boxing in accordance with this Rule. The Commission shall consider the boxing contestant's entire professional record regardless of the state or country in which the contestant's fights occurred.

(11) A boxing contestant or the contestant's manager shall report any change in the contestant's medical condition which may affect the contestant's ability to fight safely. The Commission may, at any time, require current medical information on any contestant.

R859-1-614. Boxing - Waiting Periods.

(1) The number of days that shall elapse before a boxing contestant who has competed anywhere in a bout may participate in another bout shall be as follows:

TABLE

Length of Bout (In scheduled Rounds)	Required Interval (In Days)
4	3
5-9	5
10-12	7

R859-1-615. Boxing - Fouls.

(1) A referee may disqualify or penalize a boxing contestant by deducting one or more points from a round for the following fouls:

(a) holding an opponent or deliberately maintaining a clinch;

(b) hitting with the head, shoulder, elbow, wrist, inside or butt of the hand, or the knee.

(c) hitting or gouging with an open glove;

(d) wrestling, spinning or roughing at the ropes;

(e) causing an opponent to fall through the ropes by means other than a legal blow;

(f) gripping at the ropes when avoiding or throwing punches;

(g) intentionally striking at a part of the body that is over the kidneys;

(h) using a rabbit punch or hitting an opponent at the base of the opponent's skull;

(i) hitting on the break or after the gong has sounded;

(j) hitting an opponent who is down or rising after being down;

(k) hitting below the belt line;

(l) holding an opponent with one hand and hitting with the other;

(m) purposely going down without being hit or to avoid a blow;

(n) using abusive language in the ring;

(o) un-sportsmanlike conduct on the part of the boxing contestant or a second whether before, during, or after a round;

(p) intentionally spitting out a mouthpiece;

(q) any backhand blow; or

(r) biting.

R859-1-616. Boxing - Penalties for Fouling.

(1) A referee who penalizes a boxing contestant pursuant to this Rule shall notify the judges at the time of the infraction to deduct one or more points from their scorecards.

(2) A boxing contestant committing a deliberate foul, in addition to the deduction of one or more points, may be subject to disciplinary action by the Commission.

(3) A judge shall not deduct points unless instructed to do so by the referee.

(4) The designated Commission member shall file a complaint with the Commission against a boxing contestant disqualified on a foul. The Commission shall withhold the purse until the complaint is resolved.

R859-1-617. Boxing - Contestant Outside the Ring Ropes.

(1) A boxing contestant who has been knocked, wrestled, pushed, or has fallen through the ropes during a contest shall not be helped back into the ring, nor shall the contestant be hindered in any way by anyone when trying to reenter the ring.

(2) When one boxing contestant has fallen through the ropes, the other contestant shall retire to the farthest neutral corner and stay there until ordered to continue the contest by the referee.

(3) The referee shall determine if the boxing contestant has fallen through the ropes as a result of a legal blow or otherwise. If the referee determines that the boxing contestant fell through the ropes as a result of a legal blow, he shall warn the contestant that the contestant must immediately return to the ring. If the contestant fails to immediately return to the ring following the warning by the referee, the referee shall begin the count that shall be loud enough to be heard by the contestant.

(4) If the boxing contestant enters the ring before the count of ten, the contest shall be resumed.

(5) If the boxing contestant fails to enter the ring before the count of ten, the contestant shall be considered knocked out.

(6) When a contestant has accidentally slipped or fallen through the ropes, the contestant shall have 20 seconds to return to the ring.

R859-1-618. Boxing - Scoring.

(1) Officials who score a boxing contest shall use the 10-point must system.

(2) For the purpose of this Rule, the "10-point must system" means the winner of each round received ten points as determined by clean hitting, effective aggressiveness, defense, and ring generalship. The loser of the round shall receive less than ten points. If the round is even, each boxing contestant shall receive not less than ten points. No fraction of points may be given.

(3) Officials who score the contest shall mark their cards in ink or in indelible pencil at the end of each round.

(4) Officials who score the contest shall sign their scorecards.

(5) When a contest is scored on the individual score sheets for each round, the referee shall, at the end of each round, collect the score sheet for the round from each judge and shall give the score sheets to the designated Commission member for computation.

(6) Referees and judges shall be discreet at all times and shall not discuss their decisions with anyone during a contest.

(7) A decision that is rendered at the termination of a boxing contest shall not be changed without a hearing, unless it is determined that the computation of the scorecards of the referee and judges shows a clerical or mathematical error giving the decision to the wrong contestant. If such an error is found, the Commission may change the decision.

(8) After a contest, the scorecards collected by the designated Commission member shall be maintained by the Commission.

(9) If a referee becomes incapacitated, a time-out shall be called and the other referee who is assigned to the contest shall assume the duties of the referee.

(10) If a judge becomes incapacitated and is unable to complete the scoring of a contest, a time-out shall be called and an alternate licensed judge shall immediately be assigned to score the contest from the point at which he assumed the duties of a judge. If the incapacity of a judge is not noticed during a round, the referee shall score that round and the substitute judge shall score all subsequent rounds.

R859-1-619. Boxing - Seconds.

(1) A boxing contestant shall not have more than four seconds, one of whom shall be designated as the chief second.

The chief second shall be responsible for the conduct in the corner during the course of a contest. During the rest period, one second shall be allowed inside the ring, two seconds shall be allowed on the apron and one second shall be allowed on the floor.

(2) All seconds shall remain seated during the round.

(3) A second shall not spray or throw water on a boxing contestant during a round.

(4) A boxing contestant's corner shall not heckle or in any manner annoy the contestant's opponent or the referee, or throw any object into the ring.

(5) A second shall not enter the ring until the timekeeper has indicated the end of a round.

(6) A second shall leave the ring at the timekeeper's whistle and shall clear the ring platform of all obstructions at the sound of the gong indicating the beginning of a round. Articles shall not be placed on the ring floor until the round has ended or the contest has terminated.

(7) A referee may eject a second from a ring corner for violations of the provisions of Subsections R859-1-609(6) and R859-1-608(4) of this Rule (stepping into the ring and disruptive behavior) and may have the judges deduct points from a contestant's corner.

(8) A second may indicate to the referee that the second's boxing contestant cannot continue and that the contest should be stopped. Only verbal notification or hand signals may be used; the throwing of a towel into the ring does not indicate the defeat of the second's boxing contestant.

(9) A second shall not administer alcoholic beverages, narcotics, or stimulants to a contestant, pour excessive water on the body of a contestant, or place ice in the trunks or protective cup of a contestant during the progress of a contest.

R859-1-620. Boxing - Managers.

A manager shall not sign a contract for the appearance of a boxing contestant if the manager does not have the boxing contestant under contract.

R859-1-621. Boxing. Identification - Photo Identification Cards.

(1) Each boxing contestant shall provide two pieces of identification to the designated Commission member before participation in a fight. One of the pieces of identification shall be a recent photo identification card issued or accepted by the Commission at the time the boxing contestant receives his original license.

(2) The photo identification card shall contain the following information:

(a) the contestant's name and address;

(b) the contestant's social security number;

(c) the personal identification number assigned to the contestant by a boxing registry;

(d) a photograph of the boxing contestant; and

(e) the contestant's height and weight.

(3) The Commission shall honor similar photo identification cards from other jurisdictions.

(4) Unless otherwise approved by the Commission, a boxing contestant will not be allowed to compete if his or her photo identification card is incomplete or if the boxing contestant fails to present the photo identification card to the designated Commission member prior to the bout.

R859-1-622. Boxing - Dress for Contestants.

(1) Boxing contestants shall be required to wear the following:

(a) trunks that are belted at the contestant's waistline. For the purposes of this Subsection, the waistline shall be defined as an imaginary horizontal line drawn through the navel to the top of the hips. Trunks shall not have any buckles or other ornaments on them that might injure a boxing contestant or referee;

(b) a foul-proof protector for male boxing contestants and a pelvic area protector and breast protector for female boxing contestants;

(c) shoes that are made of soft material without spikes, cleats, or heels;

(d) a fitted mouthpiece; and

(e) gloves meeting the requirements specified in Section R859-1-604.

(2) In addition to the clothing required pursuant to Subsections R859-1-622(1)(a) through (e), a female boxing contestant shall wear a body shirt or blouse without buttons, buckles, or ornaments.

(3) A boxing contestant's hair shall be cut or secured so as not to interfere with the contestant's vision.

(4) A boxing contestant shall not wear corrective lenses other than soft contact lenses into the ring. A bout shall not be interrupted for the purposes of replacing or searching for a soft contact lens.

R859-1-623. Boxing - Failure to Compete.

A boxing contestant's manager shall immediately notify the Commission if the contestant is unable to compete in a contest due to illness or injury. A physician may be selected as approved by the Commission to examine the contestant.

R859-1-701. Elimination Tournaments.

(1) In general. The provisions of Title 63C, Chapter 11, and Rule R859-1 apply to elimination tournaments, including provisions pertaining to licenses, fees, stopping contests, impounding purses, testing requirements for contestants, and adjudicative proceedings. For purposes of identification, an elimination tournament contestant shall provide any form of identification that contains a photograph of the contestant, such as a state driver's license, passport, or student identification card.

(2) Official rules of the sport. Upon requesting the Commission's approval of an elimination tournament in this State, the sponsoring organization or promoter of an elimination tournament may submit the official rules for the particular sport to the Commission and request the Commission to apply the official rules in the contest.

(3) The Commission shall not approve the official rules of the particular sport and shall not allow the contest to be held if the official rules are inconsistent, in any way, with the purpose of the Pete Suazo Utah Athletic Commission Act, Title 63C, Chapter 11, or with the Rule adopted by the Commission for the administration of that Act, Rule R859-1.

R859-1-702. Restrictions on Elimination Tournaments.

Elimination tournaments shall comply with the following restrictions:

(1) An elimination tournament must begin and end within a period of 48 hours.

(2) All matches shall be scheduled for no more than three rounds. A round must be one minute in duration.

(3) A contestant shall wear 16 oz. boxing gloves, training headgear, a mouthpiece and a large abdominal groin protector during each match.

(4) A contestant may participate in more than one match, but a contestant shall not compete more than a total of 12 rounds.

(5) The promoter of the elimination tournament shall be required to supply at the time of the weigh-in of contestants, a physical examination on each contestant, conducted by a physician not more than 60 days prior to the elimination tournament in a form provided by the Commission, certifying that the contestant is free from any physical or mental condition

that indicates the contestant should not engage in activity as a contestant.

(6) The promoter of the elimination tournament shall be required to supply at the time of the weigh-in of the contestants HIV test results for each contestant pursuant to Subsection R859-1-507 of this Rule and Subsection 63C-11-317(1).

(7) The Commission may impose additional restrictions in advance of an elimination tournament.

R859-1-801. Martial Arts Contests and Exhibitions.

(1) In general. All full-contact martial arts are forms of unarmed combat. Therefore, the provisions of Title 63C, Chapter 11, and Rule R859-1 apply to contests or exhibitions of such martial arts, including provisions pertaining to licenses, fees, stopping contests, impounding purses, testing requirements for contestants, and adjudicative proceedings. For purposes of identification, a contestant in a martial arts contest or exhibition shall provide any form of identification that contains a photograph of the contestant, such as a state driver's license, passport, or student identification card.

(2) Official rules of the art. Upon requesting the Commission's approval of a contest or exhibition of a martial art in this State, the sponsoring organization or promoter may submit the official rules for the particular art to the Commission and request the Commission to apply the official rules in the contest or exhibition.

(3) The Commission shall not approve the official rules of the particular art and shall not allow the contest or exhibition to be held if the official rules are inconsistent, in any way, with the purpose of the Pete Suazo Utah Athletic Commission Act, Title 63C, Chapter 11, or with the Rule adopted by the Commission for the administration of that Act, Rule R859-1.

R859-1-901. "White-Collar Contests".

Pursuant to Section 63C-11-302 (26), the Commission adopts the following rules for "White-Collar Contests":

(1) Contestants shall be at least 21 years old on the day of the contest.

(2) Competing contestants shall be of the same gender.

(3) The heaviest contestant's weight shall be no greater than 15 percent more than their opponent.

R859-1-1001. Authority - Purpose.

These rules are adopted to enable the Commission to implement the provisions of Section 63C-11-311 to facilitate the distribution of General Fund monies to Organizations Which Promote Amateur Boxing in the State.

R859-1-1002. Definitions.

Pursuant to Section 63C-11-311, the Commission adopts the following definitions:

(1) For purposes of Subsection 63C-11-311, "amateur boxing" means a live boxing contest conducted in accordance with the standards and regulations of USA Boxing, Inc., and in which the contestants participate for a non-cash purse.

(2) "Applicant" means an Organization Which Promotes Amateur Boxing in the State as defined in this section.

(3) "Grant" means the Commission's distribution of monies as authorized under Section 63C-11-311(3).

(4) "Organization Which Promotes Amateur Boxing in the State" means an amateur boxing club located within the state, registered with USA Boxing Incorporated.

(5) "State Fiscal Year" means the annual financial reporting period of the State of Utah, beginning July 1 and ending June 30.

R859-1-1003. Qualifications for Applications for Grants for Amateur Boxing.

(1) In accordance with Section 63C-11-311, each applicant for a grant shall:

(a) submit an application in a form prescribed by the Commission;

(b) provide documentation that the applicant is an "organization which promotes amateur boxing in the State";

(c) Upon request from the Commission, document the following:

(i) the financial need for the grant;

(ii) how the funds requested will be used to promote amateur boxing; and

(iii) receipts for expenditures for which the applicant requests reimbursement.

(2) Reimbursable Expenditures - The applicant may request reimbursement for the following types of eligible expenditures:

(a) costs of travel, including meals, lodging and transportation associated with participation in an amateur boxing contest for coaches and contestants;

(b) Maintenance costs; and

(c) Equipment costs.

(3) Eligible Expenditures - In order for an expenditure to be eligible for reimbursement, an applicant must:

(a) submit documentation supporting such expenditure to the Commission showing that the expense was incurred during the State Fiscal Year at issue; and

(b) submit such documentation no later than June 30 of the current State Fiscal Year at issue.

(4) the Commission will review applicants and make a determination as to which one(s) will best promote amateur boxing in the State of Utah.

R859-1-1004. Criteria for Awarding Grants.

The Commission may consider any of the following criteria in determining whether to award a grant:

(1) whether any funds have been collected for purposes of amateur boxing grants under Section 63C-11-311;

(2) the applicant's past participation in amateur boxing contests;

(3) the scope of the applicant's current involvement in amateur boxing;

(4) demonstrated need for the funding; or

(5) the involvement of adolescents including rural and minority groups in the applicant's amateur boxing program.

KEY: licensing, boxing, unarmed combat, white-collar contests

May 1, 2009 63C-11-101 et seq.

Notice of Continuation May 10, 2007

R895. Technology Services, Administration.
R895-4. Sub-Domain Naming Conventions for Executive Branch Agencies.
R895-4-1. Purpose.

The "utah.gov" identifier is intended to provide the following features to the State of Utah and its agencies.

(1) The ".gov" sub-domain identifier is controlled by the Federal .gov domain registrar, thereby protecting state interests.

(2) The State of Utah, Chief Information Officer's (CIO) office is responsible for issuance of all "utah.gov" sub-domains, further protecting the integrity of the identifier.

(3) The "utah.gov" identifier offers immediate recognition to constituents for developing credibility and confidence through a consistent interface.

(4) The "utah.gov" sub-domain simplifies constituent access to state agency services.

R895-4-2. Authority.

This rule is issued by the Chief Information Officer under the authority of Section 63F-1-206 of the Technology Governance Act, and in accordance with Section 63-46a-3 of the Utah Rulemaking Act, Utah Code Annotated.

R895-4-3. Scope of Application.

All state agencies of the executive branch of the State of Utah government shall comply with this rule, which provides a consistent internet access identifier for the State of Utah through the "utah.gov" sub-domain.

R895-4-4. Definitions.

(1) "Sub-Domain:" A meaningful name or "handle" for addressing computers and information on the Internet. Domain names typically end with a suffix that denotes the type or location of a resource (for instance, ".com" for commercial resources or ".gov" for government resources).

(2) URL: "Uniform Resource Locator" which is an addressing standard used to find documents and media on the Internet.

(3) "Sub-Domain Registrar" Authoritative source within the State of Utah's CIO office, or the Federal .gov registrar.

(4) TLD: Top level domain, including, but not limited to .net, .org, .com, etc.

(5) Publicize: To advertise or otherwise publicly disseminate information regarding a TLD.

R895-4-5. Compliance and Responsibilities.

(1) Any state executive branch agency that develops, hosts, or funds a website shall only register a sub-domain using the "utah.gov" naming convention.

(2) No state executive branch agency may publicize a sub-domain in a TLD such as .org, .net, .com or any other available TLD not conforming to this rule.

R895-4-6. Exceptions.

(1) The requirements of this rule do not apply to funds that are "passed-through" or contracted to a private non-profit or for-profit entity and subsequently used by that entity for its own website or for the purchase of a URL.

(2) The CIO may provide a waiver for an "extraordinary environment" for which it is demonstrated that use of the "utah.gov" identifier would cause demonstrable harm to citizens or business. Requests for waiver must be submitted with justification to the CIO by the requesting agency Executive Director.

(3) Any agency may retain an existing sub-domain under "state.ut.us' for up to 2 years from the effective date of this rule provided they show an active plan for migration to the "utah.gov" identifier.

(4) Non-Conforming TLDs may be obtained or retained solely for the purpose of re-direction to an approved "utah.gov" TLD, or to retain ownership of the TLD for avoiding identifier misuse, provided the non-conforming TLD is not publicized.

R895-4-7. Rule Compliance Management.

A state executive branch agency executive director, or designee, upon becoming aware of a violation, shall enforce the rule. The CIO may, where appropriate, monitor compliance and report to the executive director any findings or violations of this rule.

The CIO may further enforce this rule by requesting that the entity responsible for providing identifier mapping withhold or remove the offending TLD from state production servers.

KEY: utah.gov
April 15, 2004 **63F-1-206**
Notice of Continuation April 6, 2009 **63-46a-3**

R907. Transportation, Administration.
R907-1. Appeal of Departmental Actions.
R907-1-1. General Administrative Procedures.

All applications, Requests for Agency Action, and appeals from Notices of Agency Action shall be processed as informal adjudicative proceedings pursuant to Title 63G, Chapter 4, Utah Administrative Procedures Act (UAPA), unless another rule specifically designates a proceeding as formal or either party requests conversion to a formal proceeding and the presiding officer decides that conversion is in the public interest and does not prejudice the rights of any party. An evidentiary hearing will be held only for formal adjudicative proceedings. However, nothing in this rule is intended to prohibit the presiding officer from holding a meeting of all parties for purposes of settlement, fleshing out of the issues, oral argument, or presentation of evidence. Adjudicative proceedings are subject to agency review or appeal pursuant to Utah Code Ann. Section 63G-4-3-301, only when statute or a rule specifically provides for review. This rule does not apply to employee grievances, personnel actions, or requests for records under the Governmental Records Access and Management Act (GRAMA). When used in these rules, "director" means Presiding Officer except when used as Executive Director.

R907-1-2. Commencement by department -- Notice of Agency Action -- Procedures.

(1) An adjudicative proceeding commenced by the department is initiated by a Notice of Agency Action, which the department shall mail or personally deliver to the person or persons against whom the action is proposed to be taken (respondents). UDOT shall publish the Notice of Agency Action if required by statute, any other rule, or the Utah Transportation Commission.

(2) A Notice of Agency Action shall include the following information:

(a) the names and mailing addresses of all respondents and any other persons to whom notice is being given;

(b) the department's file number or other reference number;

(c) a name or caption of the adjudicative proceeding, i.e., Utah Department of Transportation, Motor Carrier Safety Division v. XXXX Trucking Company;

(d) the date on which the Notice was placed in U.S. Mail, or personally served upon the respondents;

(e) a statement that, if the person requests an appeal of the agency action, the adjudicative proceeding will be conducted informally pursuant to these rules unless either the department or the respondent requests conversion to a formal adjudicative proceeding and the appropriate presiding officer identified in R907-1-3(2) grants the request;

(f) a statement of the legal authority and jurisdiction under which the adjudicative proceeding is to be maintained;

(g) the name, title, mailing address, and telephone number of the office initiating the Notice of Agency Action and the appropriate hearing officer;

(h) a general statement of the purpose of the adjudicative proceeding and, to the extent known, the questions to be decided;

(i) if the department is proposing to assess a fine or penalty, the amount of the fine or penalty and a summary of the evidence supporting the proposed amount;

(j) a statement that the respondent is entitled to agency review if he or she files a Request for Agency Appeal with the initiating division or office within 30 days from the date the Notice is deposited in U.S. Mail or personally served.

(3) Absent filing of a timely request, the department will issue an order that the respondent is in default. If the defaulting party is the sole respondent, the Notice of Agency Action will then become the department's final order. The initiating division, office, or appropriate hearing officer shall revise the Notice of Agency Action to effect this change, captioning the Notice as the Final Order, affixing the appropriate signature the new date. The department may not change the contents in any substantive manner. However, the final order shall include a provision that notifies the respondent of his right to judicial review. The department shall then either mail or personally serve the respondent with a copy of the default order and the final order.

(4) If the defaulting party is not the sole respondent, the initiating division, office, or the appropriate hearing officer shall mail the Order of Default to all parties. The adjudicative proceeding may continue and the department may determine all issues in the proceeding, including those affecting the defaulting party.

(5) A defaulting party may seek agency review of an Order of Default by appealing to the appropriate hearing officer identified in R907-1-3(2). If the Order of Default was issued by that hearing officer, then the defaulting party must seek reconsideration of the Order of Default pursuant to R907-3-1. The sole issue is whether entering default was appropriate.

R907-1-3. Commencement by a member of the public -- Complete or Partial Denials of Applications or Requests for Agency Action -- Default.

(1) If the Department denies, either completely or in part, an application or Request for Agency Action and that action is subject to agency appeal, the division or office issuing the denial shall send to the applicant a written reply as promptly as possible. The reply should include a brief summary of the reasons for the decision along with a listing of any statutes or rules that were interpreted or relied upon for it, along with UDOT's file or reference number. It shall advise the applicant of his or her right to request agency review by filing a written request with the initiating division or office within 30 days after issuance of the notice. In addition, the reply shall inform the applicant that his written request for appeal must include any supporting documentation, including legal memoranda, that he or she wishes to be considered. The reply shall constitute the proposed order of the division or office making the decision and shall so indicate on the reply. If there is no appeal within 30 days, it shall become the final order of the department.

(2) Upon receiving a Request for Agency Appeal, the division or office shall first evaluate it to determine whether it meets the requirements of Utah Code Ann. Section 63G-4-301(1)(6), i.e., whether it is signed, states the grounds upon which review is requested, the relief sought, and stating the date upon which it was mailed. If the request does not meet the statutory requirements, or was received at the division or office after the 30-day appeals period, it shall be returned to the sender with explanation as to the reason for the return. If the request meets the statutory requirements, the division or office shall promptly forward the material and a copy of any relevant material in its files to:

(a) the State Operations Engineer, if the action involves Title 72, Chapter 7, Part 5, Utah Outdoor Advertising Act;

(b) the deputy Director, if the action involves Title 72, Chapter 9, Motor Carrier Safety Act;

(c) the Project Development Director or designee, if the matter relates to:

(i) construction contract disputes; or

(ii) construction bids or the Disadvantaged Business Enterprise (DBE) program, in which case, the agency review also constitutes "administrative reconsideration" under federal regulation;

(d) the Region Director, if the action involves something other than the items listed in Subsections (a), (b), or (c), and a specific appellate procedure is not otherwise specified in these rules or in statute;

(e) the Executive Director or designee, if the action involves something other than the items listed in subsections (a), (b), (c), or (d) and was initiated by Department personnel located at Department headquarters at the Calvin Rampton Complex.

(3) The positions listed above shall be the respective presiding officers. However, either the Executive Director or deputy Director may designate another to act as a substitute. Additionally, when called to preside over adjudicative proceeding that involves access management or has potential "takings" or inverse condemnation implications, the Region Director may designate a group of individuals either to advise on the issue or to take over presiding officer duties. If the Region Director designates a group to take over presiding officer duties, he or she shall appoint:

(a) an odd-numbered group so that any decision will not result in a tie; and

(b) a chairperson.

(4) The person who issued the appealed order may not be included in either of the groups established in paragraph (3). However, the person who issued the decision may be consulted, asked for the reasons underlying his decision, and called as a witness if the proceeding is converted to a formal one.

(4) Absent filing of a timely Request for Agency Appeal, the department will issue an order that the respondent is in default. If the defaulting party is the sole respondent, the Request for Agency Action will be dismissed. The department shall either mail a copy of the default order and the dismissal order to the person who requested the action.

(5) If the defaulting party is not the sole requester, the initiating division, office, or the appropriate hearing officer shall mail the Order of Default to all parties. The adjudicative proceeding may continue and the department may determine all issues in the proceeding, including those affecting the defaulting party.

(6) A defaulting party may seek agency appeal of an Order of Default by appealing to the presiding. If the Order of Default was issued by that officer, then the defaulting party must seek reconsideration of the Order of Default pursuant to R907-1-5. The sole issue is whether entering default was appropriate.

R907-1-4. Administrative Appeals -- Procedures.

(1) (1)Discovery is prohibited, but subpoenas may be issued for the production of necessary evidence. Upon request, the applicant shall have access to information contained in the agency's files and to all materials and information gathered in any investigation, except as otherwise provided by law.

(2)Within 20 days after receipt of a request for agency review, any party, including the division or office that issued the original decision, may submit additional documentation, which may include legal briefs, to the person required to decide on review. The person deciding on review may grant either party an extension of time. The decision should be made on the record appearing after the responses have been submitted, but the person required to decide on review may meet with the parties, if he or she considers it necessary. This meeting is not a hearing as contemplated under Title 63G, Chapter 4 Utah Administrative Procedures Act.

(3)The person deciding the review shall issue a final agency order as promptly as possible. The order shall contain:

(a) a designation of the statute or rule permitting or requiring review;

(b) a statement of the issues reviewed;

(c) findings as fact as to each of the issues;

(d) conclusions of law as to each of the issues;

(e) the reasons for the disposition;

(f) whether the decision of the division or office initiating the decision is affirmed, reversed, modified, or remanded;

(g) the right to judicial review pursuant to Utah Code Ann. Section 63G-4-402 by filing a complaint in district court within 30 days.

R907-1-5. Reconsideration.

(1) Within 20 days after issuance of the final order, any party may request reconsideration, stating the specific grounds upon which relief is requested.

(2) The person filing the request shall mail a copy to each party.

(3) The executive Director, or his designee, shall issue a written order either denying or granting the request. If no order is issued within 20 days, the request shall be considered denied. If the request is granted in any part and a new final order is issued, it shall include the same information listed in R907-1-4, or R907-1-6 if the matter concerned motor carriers.

R907-1-6. Administrative Procedures for Motor Carrier Actions.

(1) When a motor carrier appeals the imposition of a penalty under Title 72, Chapter 9, Motor Carrier Safety Act, he or she shall follow the procedures established in R907-1. This proceeding is an informal adjudicative proceeding under Section 63G-4-402, Utah Administrative Procedures Act; therefore, discovery is prohibited, but the administrative hearing officer may issue subpoenas or other orders to compel production of necessary evidence. The Department shall provide the applicant, upon request, information in the agency's files, including records that are part of any investigation unless those records are otherwise made confidential or protected from disclosure.

(2) If the proceeding is converted to a formal adjudicative proceeding and an evidentiary hearing held, the Department's deputy Director may act as the administrative hearing officer. He may also designate another in his stead. At the hearing, the motor carrier shall go first and is burdened to show why the Department's civil penalties should not be assessed. The division shall respond, with the motor carrier being given an opportunity to rebut the division's evidence. If the administrative hearing officer decides doing so will be beneficial to his understanding of the issues, he may allow closing statement or arguments and he may tape the proceedings. The rules of evidence do not apply.

(3) The person deciding the review shall issue a final agency order as promptly as possible. The order shall contain:

(a) a designation of the statute or rule permitting or requiring review;

(b) a statement of the issues reviewed;

(c) findings as fact as to each of the issues;

(d) conclusions of law as to each of the issues;

(e) the reasons for the disposition;

(f) whether the decision of the division or office initiating the decision is affirmed, reversed, modified, or remanded;

(g) the right to judicial review pursuant to Utah Code Ann. Section 63G-4-402 by filing a complaint in district court within 30 days.

R907-1-7. Formal Process and Hearing: Initiation.

(1) If, notwithstanding R907-1-1, the department wishes to initiate an adjudicative proceeding as a formal proceeding, the formal hearing process shall be conducted as follows:

(2) A Notice of Agency Action shall include the following information:

(a) the names and mailing addresses of all respondents and any other persons to whom notice is being given;

(b) the department's file number or other reference number;

(c) a name or caption of the adjudicative proceeding, i.e., Utah Department of Transportation, Motor Carrier Safety Division v. XXXX Trucking Company;

(d) the date on which the Notice was placed in U.S. Mail, or personally served upon the respondents;

(e) a statement of the legal authority and jurisdiction under which the adjudicative proceeding is to be maintained;

(f) the name, title, mailing address, and telephone number of the office initiating the Notice of Agency Action and the appropriate hearing officer;

(g) a general statement of the purpose of the adjudicative proceeding and, to the extent known, the questions to be decided;

(h) if the department is proposing to assess a fine or penalty, the amount of the fine or penalty and a summary of the evidence supporting the proposed amount;

(i) A statement that the adjudicative proceeding is to be conducted formally according to the provisions of these Rules and Sections 63G-4-204 to 63G-4-209;

(j) A statement that a written response must be filed within 30 days of the mailing date of the Notice of Agency Action;

(k) A statement of the time and place of the hearing, a statement of the purpose for which the hearing is to be held, and a statement that a party who fails to attend or participate in the hearing may be held in default;

(3) Absent filing of a timely request, the department will issue an order that the respondent is in default. If the defaulting party is the sole respondent, the Notice of Agency Action will then become the department's final order. The initiating division, office, or appropriate hearing officer shall revise the Notice of Agency Action to effect this change, captioning the Notice as the Final Order, affixing the appropriate signature the new date. The department may not change the contents in any substantive manner. However, the final order shall include a provision that notifies the respondent of his right to judicial. The department shall then either mail or personally serve the respondent with a copy of the default order and the final order.

(4) If the defaulting party is not the sole respondent, the initiating division, office, or the appropriate hearing officer shall mail the Order of Default to all parties. The adjudicative proceeding may continue and the department may determine all issues in the proceeding, including those affecting the defaulting party.

(5) A defaulting party may seek agency review of an Order of Default by appealing to the appropriate hearing officer identified in R907-1-3(2). If the Order of Default was issued by that hearing officer, then the defaulting party must seek reconsideration of the Order of Default pursuant to R907-3-1. The sole issue is whether entering default was appropriate.

R907-1-8. Formal Process and Hearing: Responses.

In all formal adjudicative proceedings, the respondent shall file and serve a written response signed by the respondent or a representative within 30 days of the mailing date of the Notice of Agency Action that shall include:

(1) UDOT's file number or other reference number;

(2) The name of the adjudicative proceeding;

(3) A statement of the relief that the respondent seeks;

(4) A statement of the facts; and

(5) A statement summarizing the reasons that the relief requested should be granted.

(6) The response shall be filed with UDOT and one copy shall be sent by mail to each party.

(7) All papers permitted or required to be filed under these rules shall be filed with UDOT and one copy shall be sent by mail to each party.

(8) In the discretion of the Presiding Officer Director, any respondent may be heard without written pleadings or an order of default may be entered pursuant to the Rules below.

R907-1-9. Formal Process and Hearing: Intervention.

(1) Order Granting Leave to Intervene Required. Any person, not a party, desiring to intervene in a formal proceeding shall obtain an order from the presiding officer granting leave to intervene before being allowed to participate. Such order shall be requested by means of a signed, written petition to intervene which shall be filed with UDOT by the time a response is due as prescribed in R907-1-7 and a copy promptly mailed to each party. Any petition to intervene or materials filed after the date a response is due, may be considered by the presiding officer only upon separate motion of the intervenor made at or before the hearing for good cause shown.

(2) Content of Petition. Petitions for leave to intervene must identify the proceedings. The petition must contain a statement of facts demonstrating that the petitioner's legal rights or interest are substantially affected by the formal adjudicative proceeding, or that the petitioner qualifies as an intervenor under any provision of law. Additionally, the petition shall include a statement of the relief, including the basis thereof, that the petitioner seeks from the presiding officer.

(3) Response to Petition. Any party to a proceeding in which intervention is sought may make an oral or written response to the petition for intervention. Such response shall state the basis for opposition to intervention and may suggest limitations to be placed upon the intervenor if intervention is granted. The response must be presented or filed at or before the hearing.

(4) Granting of Petition. The presiding officer shall grant a petition for intervention if he or she determines that:

(a) The petitioner's legal interests may be substantially affected by the formal adjudicative proceeding; and

(b) The interests of justice and the orderly and prompt conduct of the adjudicative proceedings will not be materially impaired by allowing the intervention.

(5) Order Requirements.

(a) Any order granting or denying a petition to intervene shall be in writing and sent by mail to the petitioner and each party.

(b) An order permitting intervention may impose conditions on the intervenor's participation in the adjudicative proceeding that are necessary for a just, orderly, and prompt conduct of the adjudicative proceeding.

(c) The presiding officer may impose conditions at any time after the intervention.

(d) If it appears during the course of the proceeding that an intervenor has no direct or substantial interest in the proceeding and that the public interest does not require the intervenor's participation therein, the presiding officer may dismiss the intervenors from the proceeding.

(e) In the interest of expediting a hearing, the presiding officer may limit the extent of participation of an intervenor. Where two or more intervenors have substantially like interests and positions, the presiding officer may at any time during the hearing limit the number of intervenors who will be permitted to testify, cross-examine witnesses or make and argue motions and objections.

R907-1-10. Formal Process and Hearing: Conduct of Hearings.

All hearings before the Presiding Officer Director shall be governed by the following procedures:

(1) Public Hearings. All hearings Director shall be open to the public, unless otherwise ordered by the Presiding Officer Director for good cause shown. All hearings shall be open to all parties

(2) Full Disclosure. The Presiding Officer Director shall regulate the course of the hearing to obtain full disclosure of relevant facts and to afford all the parties a reasonable opportunity to present their positions.

(3) Rules of Evidence. The Director shall use as appropriate guides, the Utah Rules of Evidence insofar as the

same may be applicable and not inconsistent with these rules. Notwithstanding this, on its own motion or upon objection of a party, the Director:

(a) May exclude evidence that is irrelevant, immaterial, or unduly repetitious.

(b) Shall exclude evidence privileged in the courts of Utah.

(c) May receive documentary evidence in the form of a copy or excerpt if the copy or excerpt contains all pertinent portions of the original document.

(d) May take official notice of any facts that could be judicially noticed under the Utah Rules of Evidence, of the record or other proceedings before the agency, and of technical or scientific facts within the agency's specialized knowledge.

(4) Hearsay. Notwithstanding subsection C. above, the Director may not exclude evidence solely because it is hearsay.

(5) Parties Rights. The Director shall afford to all parties the opportunity to present evidence, argue, respond, conduct cross-examination, and submit rebuttal evidence.

(6) Public Participation. The Director may give persons not a party to the adjudicative proceeding the opportunity to present oral or written statements at the hearing.

(7) Oath. All testimony presented at the hearing, if offered as evidence to be considered in reaching a decision on the merits, shall be given under oath.

(8) Failure to Appear. When a party to a proceeding fails to appear at a hearing after due notice has been given, the Director may enter an order of default in accordance with the Rules described hereinabove.

(9) Time Limits. The Director may set reasonable time limits for the participants of the hearing.

(10) Continuances of the Hearing. Any hearing may be continued to a time and date certain announced at the hearing, which shall not require any new notification. The continuance of the hearing may be made upon motion of a party indicating good cause why such a continuance is necessary and not due to the fault of the party requesting the continuance. The continuance of the hearing may also be made by the request of the Director when in the public interest.

(11) Oral Argument and Briefs. Upon the conclusion of the taking of evidence, the Director may, at his discretion, permit the parties to make oral arguments or submit additional briefs or memoranda upon a schedule to be designated by the Director.

(12) Record of Hearing. The Director shall cause an official record of the hearing to be made, at the agency's expense, as follows:

(a) The record may be made by means of a certified shorthand reporter employed by the Director or by a party desiring to employ a certified shorthand reporter at its own cost in the event that the Director chooses not to employ a reporter. If a party employs a certified shorthand reporter, the original transcript of the hearing shall be filed with the Director. Parties desiring a copy of the certified shorthand reporter's transcript may purchase it from the reporter.

(b) The record of the proceedings may also be made by means of a tape recorder or other recording device if the Director determines that it is unnecessary or impracticable to employ a certified shorthand reporter and the parties do not desire to employ a certified shorthand reporter. Any party, at its own expense, may have a person approved by the Director prepare a transcript of the hearing, subject to any restrictions that the Director is permitted by statute to impose to protect confidential information disclosed at the hearing. Whenever a transcript or tape recording of a hearing is made, it will be made available at the appropriate UDOT office for use, but may not be taken out of the office. If the party agrees to pay the costs, the Department will make a copy to give to them.

(13) Preserving Integrity. This section does not preclude the Director from taking appropriate measures necessary to preserve the integrity of the hearing.

(14) Summons, Witness Fees and Discovery. The Director may allow appropriate witness fees as provided by statute or rule.

(a) Summons. The Director may issue a summons or subpoena on its own motion, or upon request of a party, shall issue summons or subpoenas for the attendance of witnesses and the production of any pertinent paper, book, record, document, or other appropriate discovery of evidence.

(b) Discovery. Upon the motion of a party and for good cause shown that it is to obtain relevant information necessary to support a claim or defense, the Director may authorize such manner of discovery against another party or person, including the UDOT staff, as may be prescribed by and in the manner provided by the Utah Rules of Civil Procedure.

(c) Construction. Nothing in this section restricts or precludes any investigative right or power given to the Transportation Commission or Director by law.

R907-1-11. Formal Process and Hearing: Decisions and Orders.

Decision. The Director shall sign and issue an order that includes:

(1) A statement of the Director's findings of fact, conclusions of law and decision, based exclusively on the evidence of the record in the adjudicative proceedings or on facts officially noted;

(2) A statement of the reasons for the Director's decision;

(3) A statement of any relief ordered;

(4) A notice of the right to apply for reconsideration;

(5) A notice of any right to administrative or judicial review of the order available to aggrieved parties; and

(6) The time limits applicable to any reconsideration or review.

(7) Preparation of Order. The Director may direct the prevailing party to prepare proposed findings of fact, conclusions of law and an order consistent with the requirements of this rule, which shall be completed within ten days of the direction, unless otherwise instructed by the Director. Copies of the proposed findings of fact, conclusions of law and order shall be served by the prevailing party upon all parties of record prior to being presented by the Director for signature. Notice of objection thereto shall be submitted to the Director and all parties of record within ten days of service.

(8) Entry of Order. The Director shall sign the order and cause the same to be entered and indexed in books kept for that purpose. The order shall be effective on the date of issuance, unless otherwise provided in the order. Upon the petition of a person subject to the order and for good cause shown, the Director may extend the time for compliance fixed in its order.

(9) Evaluation of Evidence. The Director may use his expertise, technical competence, and specialized knowledge to evaluate the evidence.

(10) Hearsay. No finding of fact that was contested may be based solely on hearsay evidence.

(11) Interim Orders. This section does not preclude the Director from issuing interim orders to:

(a) Notify the parties of further hearings;

(b) Notify the parties of provisional rulings on a portion of the issues presented; or

(c) Otherwise provide for the fair and efficient conduct of the adjudicative proceeding.

(12) Notice. The Director shall notify all parties to the proceeding of its decision. A copy of the order with accompanying findings of fact and conclusions of law shall be delivered or mailed to each party.

R907-1-12. Formal Process and Hearing: Reconsideration and Modification of Existing Orders.

(1) Time for Filing. Within 20 days after the date that a final order is issued in the formal adjudicative process, any party may file a written request for reconsideration, rehearing, stating the specific grounds upon which relief is requested.

(2) Not Prerequisite for Judicial Review. Unless otherwise provided by law, the filing of the request for reconsideration is not a prerequisite for seeking judicial review of the order.

(3) Mailing Requirement. The request for reconsideration shall be filed with the Director. One copy shall be sent by mail, within three days of said filing, to each party by the person making the request.

(4) Contents of Petition. A petition for reconsideration shall set forth specifically the particulars in which it is claimed the Director's order or decision is unlawful, unreasonable, or unfair. If the petition is based upon a claim that the Director failed to consider certain evidence, it shall include an abstract of that evidence. If the petition is based upon newly discovered evidence, then the petition shall be accompanied by an affidavit setting forth the nature and extent of such evidence, its relevancy to the issues involved, and a statement that the party could not, with reasonable diligence, have discovered the evidence prior to the hearing.

(5) Response to Petition. All other parties to the proceeding upon which a reconsideration is sought may file a response to the petition no later than ten days from the filing of the petition. A copy of such responses shall be mailed to the petitioner by the person so responding on the date the response is filed.

(6) Action on the Petition. The Director is authorized to act upon the petition for reconsideration. If the Director does not issue an order within 20 days after the filing of the request, the request for reconsideration shall be considered denied. The Director may, by written order, set a time for hearing on said petition or deny the petition.

(7) Modification of Existing Orders. A request for modification or amendment of an existing order of the Director shall be treated as a new Request for Agency Action for the purposes of these Rules. Such request for modification or amendment shall include as directly affected persons all parties to the previous adjudicative proceeding and their successors in interest.

R907-1-13. Declaratory Rulings.

(1) Petition for Declaratory Orders. Any person may petition the Director for a declaratory order on the applicability of any administrative rule, regulation or order as well as any provision of the Utah Code within the jurisdiction of UDOT, which relate to the operations or activities of that person. The petition shall include the questions and answers sought and reasons in support of or in opposition to the applicability of the statute, rule, regulation or order involved.

(2) Not Subject to Declaratory Rulings. The Director shall not issue a declaratory ruling if:

(a) The person requesting the declaratory ruling participated in an adjudicative proceeding concerning the same issue within 12 months of the date of the present request; or

(b) There would be substantial prejudice to the rights of a person who would be a necessary party unless that person consents in writing to the determination of the matter by a declaratory proceeding.

(3) Intervention. Persons may intervene in declaratory proceedings if they meet the requirements of R907-1-9 hereinabove.

(4) Forms of Rulings. After receipt of a petition for a declaratory order, the Director may issue a written order:

(a) Declaring the applicability of the statute, rule, regulation or order in question to the specified circumstances; or

(b) Decline to issue a declaratory order and state the reasons for its action.

(5) Contents of Order. A declaratory order shall contain:

(a) The names of all parties to the proceeding on which it is based;

(b) The particular facts on which it is based; and

(c) The reasons for its conclusion.

(6) Mailing of Order. A copy of all orders issued in response to a request for a declaratory proceeding shall be mailed promptly to the petitioner and any other parties.

(7) Binding Effect. A declaratory order has the same status and binding effect as any other order issued in an adjudicative proceeding.

(8) Time Limit. Unless the petitioner and the Director agree in writing to an extension, if the Director has not issued a declaratory order within 60 days after receipt of the request for a declaratory order, the petition is denied.

R907-1-14. Emergency Orders.

Emergency orders will be issued in accordance with the following guidelines: notwithstanding the other provisions of these Rules, the Director or any member of the Transportation Commission is authorized to issue an emergency order without notice and hearing in accordance with applicable law. The emergency order shall remain in effect no longer than until the next regular meeting of the Transportation Commission, or such shorter period of time as shall be prescribed by statute.

(1) Prerequisites for Emergency Order. The following must exist to allow an emergency order:

(a) The facts known to the Director or Commission member or presented to the Director or Commission member show that an immediate and significant danger to the public health, safety, or welfare exists; and

(b) The threat requires immediate action by the Director of Commission member.

(2) Limitations. In issuing its Emergency Order, the Director or Commission member shall:

(a) Limit its order to require only the action necessary to prevent or avoid the danger to the public health, safety, or welfare;

(b) Issue promptly a written order, effective immediately, that includes a brief statement of findings of fact, conclusions of law, and reasons for the Director or Commission member's utilization of emergency adjudicative proceedings;

(c) Give immediate notice to the persons who are required to comply with the order; and

(d) If the emergency order issued under this section will result in the continued infringement or impairment of any legal right or interest of any party, the Director shall commence a formal adjudicative proceeding before the Director in accordance with R907-1.

R907-1-15. Exhaustion of Administrative Remedies.

(1) Persons must exhaust their administrative remedies in accordance with Section 63G-4-401, prior to seeking judicial review.

(2) In any adjudicative proceeding before the Director, there is an opportunity for affected parties to respond and participate. Only those aggrieved parties that so exhausted these available and adequate remedies before the Director may be allowed to seek judicial review of the final Director action.

R907-1-16. Deadline for Judicial Review.

A party shall file a petition for judicial review of final agency action within 30 days after the date that the order constituting the final agency action is issued. The petition shall name the agency and all other appropriate parties as respondents and shall meet the form requirements specified in Title 63G, Chapter 4.

R907-1-17. Judicial Review of Formal Adjudicative Proceedings.

Judicial review of formal adjudicative proceedings shall be conducted in conformance with Sections 63G-4-405.

R907-1-18. Civil Enforcement.

(1) Agency Action. In addition to other remedies provided by law and other Rules of the Transportation Commission or UDOT, the Commission or UDOT may seek enforcement of an order by seeking civil enforcement in the district courts subject to the following:

(a) The action seeking civil enforcement must name, as defendants, each alleged violator against whom civil enforcement is sought.

(b) Venue for an action seeking civil enforcement shall be determined by the Utah Rules of Civil Procedure.

(c) The action may request, and the court may grant, any of the following:

(i) Declaratory relief;

(ii) temporary or permanent injunctive relief;

(iii) any other civil remedy provided by law; or

(iv) any combination of the foregoing.

(2) Individual Action. Any person whose interests are directly impaired or threatened by the failure of an agency to enforce its order may timely file a complaint seeking civil enforcement of that order. The complaint must name as defendants, the agency whose order is sought to be enforced, the agency that is vested with the power to enforce the order, and each alleged violator against whom the plaintiff seeks civil enforcement. The action may not be commenced:

(a) Until at least 30 days after the plaintiff has given notice of its intent to seek civil enforcement of the alleged violation to the Commission or UDOT, the attorney general, and to each alleged violator against whom the petitioner seeks civil enforcement;

(b) If the Commission or UDOT has filed and is diligently prosecuting a complaint seeking civil enforcement of the same order against the same or similarly situated defendant;

(c) If a petition for judicial review of the same order has been filed and is pending in court.

R907-1-19. Waivers.

Notwithstanding any other provision of these rules, any procedural matter, including any right to notice or hearing, may be waived by the affected person by a signed, written waiver in a form acceptable to UDOT. This waiver provision may not be construed to prohibit a finding of default as defined in these rules.

R907-1-20. Construction.

The Utah Administrative Procedures Act described in Title 63G, Chapter 4 or any other federal, state statute, or federal regulation shall supersede any conflicting provision of these Rules. It is the Department's intent that, where possible, the provisions of these rules be construed to be in compliance with those superseding provisions.

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