

R710. Public Safety, Fire Marshal.

Final Draft

R710-9. Rules Pursuant to the Utah Fire Prevention Law.

R710-9-1. Title, Authority, and Adoption of Codes.

1.1 These rules shall be known as the "Rules Pursuant to the Utah Fire Prevention Law", and may be cited as such, and will be hereafter referred to as "these rules".

1.2 These rules are promulgated in accordance with Title 53, Chapter 7, Section 204, Utah Code Annotated 1953, as amended.

1.3 These rules are adopted by the Utah Fire Prevention Board to provide minimum rules for safeguarding life and property from the hazards of fire and explosion, for board meeting conduct, procedures to amend incorporated references, establishing amendments and additions to the adopted codes, establishing board subcommittees, enforcement of the rules of the State Fire Marshal, and deputizing Special Deputy State Fire Marshals.

1.4 There is adopted as part of these rules the following code which is incorporated by reference:

1.4.1 International Fire Code (IFC), [2006] 2009 edition, excluding appendices, as promulgated by the International Code Council, Inc., except as amended by provisions listed in R710-9-6, et seq.

~~[1.5 There is further adopted as part of these rules the following codes which are also incorporated by reference and supercede the adopted standards listed in the International Fire Code, 2006 edition, Chapter 45, Referenced Standards, as follows:~~

~~1.5.1 National Fire Protection Association (NFPA), NFPA 10, Standard for Portable Fire Extinguishers, 2007 edition, except as amended by provisions listed in R710-9-6, et seq.~~

~~1.5.2 National Fire Protection Association (NFPA), NFPA 13, Standard for Installation of Sprinkler Systems, 2007 edition, except as amended by provisions listed in R710-9-6, et seq.~~

~~1.5.3 National Fire Protection Association (NFPA), NFPA 13B, Standard for the Installation of Sprinkler Systems in One and Two Family Dwellings and Manufactured Homes, 2007 edition, except as amended by provisions listed in R710-9-6, et seq.~~

~~1.5.4 National Fire Protection Association (NFPA), NFPA 13R, Standard for the Installation of Sprinkler Systems in Residential Occupancies up to and including Four Stories in Height, 2007 edition, except as amended by provisions listed in R710-9-6, et seq.~~

~~1.5.5 National Fire Protection Association (NFPA), NFPA 70, National Electric Code, 2008 edition, as adopted by the Uniform Building Standards Act, Title 50. Chapter 56, Section 4, Utah Code Annotated 1953 and the Utah Administrative Code R156-56-701. Wherever there is a section, figure or table in the International Fire Code (IFC) that references "ICC Electrical Code", that reference shall be replaced with "National Electric Code".~~

~~1.5.6 National Fire Protection Association (NFPA), NFPA 72, National Fire Alarm Code, 2007 edition, except as amended in provisions listed in R710-9-6, et seq.~~

~~1.5.7 National Fire Protection Association (NFPA), NFPA 101, Life Safety Code, 2006 edition, except as amended in provisions listed in R710-9-6, et seq. Wherever there is a section, figure or table in NFPA 101 that references "NFPA 5000 - Building Construction and Safety Code", that reference shall be replaced with the "International Building Code".~~

~~1.5.8 National Fire Protection Association (NFPA), NFPA 160, Standard for Flame Effects Before an Audience, 2006 edition, except as amended by provisions listed in R710-9-6, et seq.]~~

1.[6]4.2 National Fire Protection Association (NFPA), NFPA 96, Standard for Ventilation Control and Fire Protection of Commercial Cooking Operations, 2008 edition, except as amended by provisions listed in R710-9-6, et seq.

R710-9-2. Definitions.

2.1 "Appreciable Depth" means a depth greater than 1/4 inch.

2.2 "Authority Having Jurisdiction (AHJ)" means the State Fire Marshal, his authorized deputies, or the local fire enforcement authority.

2.3 "Board" means Utah Fire Prevention Board.

2.4 "Division" means State Fire Marshal.

2.5 "ICC" means International Code Council, Inc.

2.6 "IFC" means International Fire Code.

2.7 "Institutional occupancy" means asylums, mental hospitals, hospitals, sanitariums, homes for the aged, residential health care facilities, children's homes or institutions, or any similar institutional occupancy.

2.8 "LFA" means Local Fire Authority.

2.9 "NFPA" means National Fire Protection Association.

2.10 "Place of assembly" means where 50 or more people gather together in a building, structure, tent, or room for the purpose of amusement, entertainment, instruction, or education.

2.11 "SFM" means State Fire Marshal or authorized deputy.

2.12 "Sub-Committee" means Fire Prevention Board Budget Sub-Committee or Amendment Sub-Committee.

2.13 "UAC" means Utah Administrative Code.

2.[13]14 "UCA" means Utah Code Annotated, 1953.

2.15 "UL" means Underwriters Laboratories, Inc.

R710-9-3. Conduct of Board Members and Board Meetings.

3.1 Board meetings shall be presided over and conducted by the chairman and in his absence the vice chairman or the chairman's designee.

3.2 A quorum shall be required to approve any action of the Board.

3.3 The chairman of the Board and Board members shall be entitled to vote on all issues considered by the Board. A Board member who declares a conflict of interest or where a conflict of interest has been determined, shall not vote on that particular issue.

3.4 Meetings of the Board shall be conducted in accordance with an agenda, which shall be submitted to the members by the division, not less than 21 days before the regularly scheduled Board meetings.

3.5 Public notice of Board meetings shall be made by the Division as prescribed in UCA Section 52-4-6.

3.6 The division shall provide the Board with a secretary who shall prepare minutes and shall perform all secretarial duties necessary for the Board to fulfill its responsibility. The minutes of Board meetings shall be completed and sent to Board members at least 14 days prior to the scheduled Board meeting.

3.7 A Board members standing on the Board shall come under review after two unexcused absences in one year from regularly scheduled board meetings. The Board members name shall be submitted to the governors office for status review.

R710-9-4. Deputizing Persons to Act as Special Deputy State Fire Marshals.

4.1 Special deputy state fire marshals may be appointed by the SFM to positions of expertise within the regular scope of the Fire Marshal's Office.

4.2 Pursuant to Section 53-7-101 et seq., special deputy state fire marshals may also be appointed to assist the Fire Marshal's Office in establishing and maintaining minimum fire prevention standards in those occupancy classifications listed in the International Fire Code.

4.3 Special deputy state fire marshals shall be appointed after review by the State Fire Marshal in regard to their qualifications and the overall benefit to the Office of the State Fire Marshal.

4.4 Special deputy state fire marshals shall be appointed by completing an oath and shall be appointed for a specific period of time.

4.5 Special deputy state fire marshals shall have a picture identification card and shall carry that card when performing their assigned duties.

R710-9-5. Procedures to Amend the International Fire Code.

5.1 All requests for amendments to the IFC shall be submitted to the division on forms created by the division, for presentation to the Board at the next regularly scheduled Board meeting.

5.2 Requests for amendments received by the division less than 21 days prior to any regularly scheduled meeting of the Board may be delayed in presentation until the next regularly scheduled Board meeting.

5.3 Upon presentation of a proposed amendment, the Board shall do one of the following:

5.3.1 accept the proposed amendment as submitted or as modified by the Board;

5.3.2 reject the proposed amendment;

5.3.3 submit the proposed amendment to the Board Amendment Subcommittee for further study; or

5.3.4 return the proposed amendment to the requesting agency, accompanied by Board comments, allowing the requesting agency to resubmit the proposed amendment with modifications.

5.4 The Board Amendment Subcommittee shall report its recommendation to the Board at the next regularly scheduled Board meeting.

5.5 The Board shall make a final decision on the proposed amendment at the next Board meeting following the original submission.

5.6 The Board may reconsider any request for amendment, reverse or modify any previous action by majority vote.

5.7 When approved by the Board, the requesting agency shall provide to the division within 45 days, the completed ordinance.

5.8 The division shall maintain a list of amendments to the IFC that have been granted by the Board.

5.9 The division shall make available to any person or agency copies of the approved amendments upon request, and may charge a reasonable fee for multiple copies in accordance with the provisions of UCA, 63-2-203.

R710-9-6. Amendments and Additions.

The following amendments and additions are hereby adopted by the Board for application statewide:

6.1 International Fire Code - Scope and Administration

6.1.1 IFC, Chapter 1, Section 105.6.16, Flammable and combustible liquids, is amended to add the following section: ~~[11]~~12. The owner of an underground tank that is out of service for longer than one year, shall receive a Temporary Closure Notice from the Department of Environmental Quality and a copy shall be given to the AHJ.

6.1.2 IFC, Chapter 1, Section 109.2, Notice of violation, is amended as follows: On line three after the words "is in violation of this code," ~~[add the following]~~ insert "or other pertinent laws or ordinances" to the section.

6.2 International Fire Code - Definitions

6.2.1 IFC, Chapter 2, Section 202, General Definitions, Occupancy Classification, Educational Group E, Day care is amended as follows: On line three delete the word "five" and replace it with the word "four".

6.2.2 IFC, Chapter 2, Section 202, General Definitions, Occupancy Classification, Institutional Group I, Group I-1 is amended to add the following: On line ten add "Type ~~[1]~~I" in front of the words "Assisted living facilities".

6.2.3 IFC, Chapter 2 Section 202, General Definitions, Occupancy Classification, Institutional Group I, Group I-2 is amended as follows: On line ~~[four]~~ three delete the word "~~[five] for~~" and ~~[replace it with the word "three"]~~ insert the following "on a 24 hour basis of more than three" into the sentence. On line ~~[eleven]~~ ten after the words ~~["Detoxification facilities" delete the rest of the section, and]~~ "Nursing homes" add the following: "both intermediate nursing care and skilled nursing care facilities, [A]ambulatory surgical centers with ~~[two]~~ five 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 ~~[2]II~~ assisted living facilities. Type ~~[2]II~~ assisted living facilities with five or fewer persons shall be classified as a Group R-4. Type ~~[2]II~~ assisted living facilities with at least six and not more than 16 residents shall be classified as a Group I-1 facility.

6.2.4 IFC, Chapter 2, Section 202, General Definitions, Occupancy Classification, Institutional Group I, Group I-4, day care facilities, Child care facility is amended as follows: On line three delete the word "five" and replace it with the word "four". Also on line two of the Exception delete the word "five" and replace it with the word "four".

~~[6.2.5 IFC, Chapter 2, Section 202, General Definitions, Occupancy Classification, Residential Group R-1 is amended to add the following: Exception: Boarding houses accommodating 10 persons or less shall be classified as Residential Group R-3.]~~

6.2.~~[6]~~5 IFC, Chapter 2, Section 202, General Definitions, Occupancy Classification, Residential Group R, R-2 is amended to add the following: Exception: Boarding houses accommodating 10 persons or less shall be classified as Residential Group R-3.

6.3 International Fire Code - General ~~[Precautions Against Fire]~~ Requirements

6.3.1 IFC, Chapter 3, Section 304.1.2, Vegetation is amended as follows: Delete ~~[the current]~~ line six and add the following in it's place: "the Utah Administrative Code, R652-122-200, Minimum Standards for Wildland Fire Ordinance."_

6.3.2 IFC, Chapter 3, Section 311.1.1, Abandoned premises is amended as follows: On line ten delete the words "International Property Maintenance Code and the" from ~~[this]~~ the section.

6.3.3 IFC, Chapter 3, Section 311.5, Placards is amended as follows: On line ~~[two]~~ three delete the word "shall" and replace it with the word "may".

6.3.4 IFC, Chapter 3, Section 315.2.1, Ceiling clearance is amended to add the following: Exception: Where storage is not directly below the sprinkler heads, storage is allowed to be placed to the ceiling on wall mounted shelves that are protected by fire sprinkler heads in occupancies meeting classification as light or ordinary hazard.

6.4 International Fire Code - Emergency Planning and Preparedness

6.4.1 IFC, Chapter 4, Section 404.2~~[(7)]~~, Where required, Subsection 8 is amended as follows: After the word "buildings" add "to include sororities and fraternity houses".

6.5 International Fire Code - Building Services and Systems

6.5.1 IFC, Chapter 6, Section 607.~~[3]~~4, Elevator keys is deleted and rewritten as follows: Firefighter service keys shall be kept in a "Supra - Stor-a-key" elevator key box or similar box with corresponding key system that is adjacent to the elevator for immediate use by the fire department. The key box shall contain one key for each elevator, one key for lobby control, and any other keys necessary for emergency service. The elevator key box shall be accessed using a 6049 numbered key. All existing elevator key box locks that do not use the numbered 6049 key shall be changed to the 6049 key by December 31, 2011.

6.5.2 IFC, Chapter 6, Section 609.1, General is amended to add the following: On line three after the word "Code" add the words "and NFPA 96".

6.6 International Fire Code - Fire Protection Systems

6.6.1 IFC, Chapter 9, Section 901.2, Construction documents is amended to add the following at the end of the section: The code official has the authority to request record drawings ("as built") to verify any modifications to the previously approved construction documents.

6.6.2 IFC, Chapter 9, Section 902.1, Definitions, RECORD DRAWINGS is deleted and rewritten as follows: Drawings ("as built") that document all aspects of a fire protection system as installed.

~~[6.6.3 IFC, Chapter 9, Section 901.6 is amended to add the following: T h e owner or administrator of each building shall insure the inspection and testing of water based fire protection systems as required in Rule R710-5, Automatic Fire~~

~~Sprinkler System Inspecting and Testing.]~~

6.6.[4]3 IFC, Chapter 9, Section 903.2.1.2, Group A-2 is amended to add the following subsection: 4. An automatic fire sprinkler system shall be provided throughout Group A-2 occupancies where indoor pyrotechnics are used.

6.6.4 IFC, Chapter 9, Section 903.2.2, Group B ambulatory health care facilities is amended as follows: On line three delete the words "all fire areas" and replace with the word "buildings".

6.6.5 IFC, Chapter 9, Section 903.2.[3(2)]4, Group F-1, Subsection 2 is deleted and rewritten as follows: [~~Where a~~] A Group F-1 fire area is located more than three stories above the lowest level of fire department vehicle access[~~7~~ or].

6.6.6 IFC, Chapter 9, Section 903.2.[6(2)]7, Group M, Subsection 2 is deleted and rewritten as follows: [~~Where a~~] A Group M fire area is located more than three stories above the lowest level of fire department vehicle access[~~7~~ or].

6.6.7 IFC, Chapter 9, Section 903.2.[7]8 Group R[7] is amended to add the following: Exception: 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.

6.6.8 IFC, Chapter 9, Section 903.2.[7]8, Group R is amended to add [~~the following~~] a second exception as follows: Exception: Group R-4 fire areas not more than 4500 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 its primary power from the building wiring and a commercial power system.

6.6.9 IFC, Chapter 9, Section 903.2.[8(2)]9, Group S-1, Subsection 2 is deleted and rewritten as follows: A Group S-1 fire area is located more than three stories above the lowest level of fire department vehicle access[~~7~~ or].

6.6.10 IFC, Chapter 9, Section 903.2.[9]10, Group S-2 enclosed parking garages is deleted and rewritten as follows: [~~Group S-2.~~] An automatic sprinkler system shall be provided throughout buildings classified as parking garages in accordance with Section 406.2 of the International Building Code or where located beneath other groups.

6.6.10.1 IFC, Chapter 9, Section 903.2.10, Group S-2 enclosed parking garages, Exception [17] is deleted and rewritten as follows: Exception: Parking garages of less than 5,000 square feet (464m²) accessory to Group R-3 occupancies.

6.6.10.2 IFC, Chapter 9, Section 903.2.10, Group S-2 enclosed parking garages, is amended to add a second exception, Exception [2]: Open parking garages not located beneath other groups if one of the following conditions are met:

6.6.10.2.1 [~~a-~~] 1. Access is provided for fire fighting operations to within 150 feet (45 720mm) of all portions of the parking garage as measured from the approved fire department vehicle access, or

6.6.10.2.2 [~~b-~~] 2. Class I standpipes are installed throughout the parking garage.

6.6.11 IFC, Chapter 9, Section 903.2.[9]10.1, Commercial parking garages is deleted and rewritten as follows: [~~Commercial parking garages.~~] An automatic sprinkler system shall be provided throughout buildings used for storage of commercial trucks or buses.

6.6.12 IFC, Chapter 9, Section 903.3.5, Water supplies is amended [~~by adding the following at the end of the section~~] as follows: [The potable water supply to automatic fire sprinkler systems and standpipe systems shall be protected against backflow in accordance with the International Plumbing Code] On line six after the word "Code" add "and as amended in the Utah Administrative Code, R156-56-707, Utah Uniform Building Standard Act Rules".

6.6.13 IFC, Chapter 9, Section 903.6, Existing Buildings and Chapter 46, Section 4603.4 Sprinkler systems is amended to add the following subsection[~~s~~] to each section: 903.6.[2]3 Group A-2 [occupancies] and 4603.4.3 Group A-2. An automatic fire sprinkler system shall be provided throughout existing Group A-2 occupancies where indoor pyrotechnics are used.

6.6.14 IFC, Chapter 9, Section 904.11, Commercial cooking systems is deleted and

rewritten as follows: [~~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. Pre-engineered automatic extinguishing systems shall be tested in accordance with UL300 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. The Exception in Section 904.11 is not deleted and shall remain as currently written in the IFC.

6.6.15 IFC, Chapter 9, Sections 904.11.3, Carbon dioxide systems and 904.11.3.1, Ventilation system is deleted and rewritten as follows:

6.6.15.1 Existing automatic fire extinguishing systems used for commercial cooking that use dry chemical [~~is~~] are prohibited and shall be removed from service.

6.6.15.2 Existing wet chemical fire extinguishing systems used for commercial cooking that are not UL300 listed and labeled are prohibited and shall be either removed or upgraded to a UL300 listed and labeled system.

6.6.16 IFC, Chapter 9, Section 904.11.4, Special provisions for automatic sprinkler systems is amended to add the following subsection: 904.11.4.2 Existing automatic fire sprinkler systems protecting commercial cooking equipment, hood, and exhaust systems that generate appreciable depth of cooking oils shall be replaced with a UL300 system that is listed and labeled for the intended application.

6.6.17 IFC, Chapter 9, Section 904.11.6. [~~4~~]2, Extinguishing system service is amended to add the following: Exception: Automatic fire extinguishing systems located in occupancies where usage is limited and less than six consecutive months, may be serviced annually if the annual service is conducted immediately before the period of usage, and approval is received from the AHJ.

6.6.18 IFC, Chapter 9, Section 905.11, Existing buildings and Chapter 46, Section 4603.5 Standpipes is deleted.

[~~6.6.19 IFC, Chapter 9, Section 907.2.10.1.4 is created as follows: 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.~~

6.6.20 IFC, Chapter 9, Section 907.2.10.2 is amended as follows: On line two, line five, and line one of the Exception, the word "smoke" is deleted.

6.6.21 IFC, Chapter 9, Section 907.2.10.3 is amended as follows: On line two and line five, the word "smoke" is deleted. On line nine after the word "closed", add the following sentence: "Approved combination smoke and carbon monoxide detectors shall be permitted."

6.6.22 IFC Chapter 9, Section 907.2.10.4 is amended as follows: On line five after "NFPA 72" add "and NFPA 720, as applicable".]

6.6. [~~23~~]19 IFC, Chapter 9, Section 907.3, Where required in existing buildings and structures is deleted and Chapter 46, Section 4603.6 Fire alarm systems is deleted in its entirety and rewritten as follows: An approved automatic fire detection system shall be installed in accordance with the provisions of this code and NFPA 72. Devices, combinations of devices, appliances and equipment shall be approved. The automatic fire detectors shall be smoke detectors, except an approved alternative type of detector shall be installed in spaces such as boiler rooms where, during normal operation, products of combustion are present in sufficient quantity to actuate a smoke detector.

[~~6.6.24 IFC, Chapter 9, Sections 907.3.1, 907.3.1.1, 907.3.1.2, 907.3.1.3, 907.3.1.4, 907.3.1.5, 907.3.1.6, 907.3.1.7, and 907.3.1.8 are deleted.~~

6.6.25 IFC, Chapter 9, Section 907.3.2 is amended to add the following: On line three after the word "occupancies" add "and detached one- and two-family dwellings and multiple single-family dwellings (townhouses)".

6.6.26 IFC, Chapter 9, Section 907.3.2.3 is amended to add the following: On line one after the word "occupancies" add "and detached one- and two-family dwellings and multiple single-family dwellings (townhouses)".]

6.6. [~~27~~]20 IFC, Chapter 9, Section 907. [~~26~~]9.5, Maintenance, inspection and testing is amended to add the following sentences at the end of the section: Increases in

nuisance alarms shall require the fire alarm system to be tested for sensitivity. Fire alarm systems that continue after sensitivity testing with unwarranted nuisance alarms shall be replaced as directed by the AHJ.

6.6.21 IFC, Chapter 9, Section 907.10, Carbon monoxide alarms is created as follows: 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.

6.6.21.1 If more than one Carbon monoxide detector is required they shall be interconnected as required in IFC, Chapter 9, Section 907.2.11.3.

6.6.21.2 In new construction, carbon monoxide detectors shall receive their primary power as required in IFC, Chapter 9, Section 907.2.11.4.

6.6.21.3 Upon completion of the installation, the carbon monoxide detector system will meet the requirements listed in NFPA 720, Installation of Carbon Monoxide Detection and Warning Equipment and UL2034, Standard for Single and Multiple Station Carbon Monoxide Alarms.

6.7 International Fire Code - Means of Egress

6.7.1 IFC, Chapter 10, Section 1008.1.~~[8.3]~~9.6, Special locking arrangements in Group I-2 is amended [to add the following] as follows:

6.7.1.1 ~~[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:]~~ The section title "Special locking arrangements in Group I-2." is rewritten to read "Special locking arrangements in Groups I-1 and I-2."

6.7.1.~~[1.1]~~2 ~~[5.1 The controlled egress doors shall unlock upon activation of the automatic fire sprinkler system or the automatic fire detection system.]~~ On line three, after the word "Group", add the words "I-1 and".

6.7.1.~~[1.2]~~3 ~~[5.2 The facility staff can unlock the controlled egress doors by either sensor or keypad. On line two and line four delete the word "delayed" and replace it with the word "controlled".~~

6.7.1.~~[1.3]~~4 ~~[5.3 The controlled egress doors shall unlock upon loss of power.]~~ Beginning on line 11, the entire sentence that begins with "A building occupant" is deleted.

6.7.1.~~[1.4—5.4]~~5 After existing Item 6 add a new Item 7 as follows: 7. The secure area or unit with controlled egress doors shall be located at the level of exit discharge in Type V construction.

6.7.~~[1.]~~2 ~~[6. Doors in Group I-1 and I-2 occupancies, where the clinical needs of the patients require approved, listed delayed egress locks, they shall be installed on doors as allowed in]~~ IFC, Chapter 10, Section 1008.1.~~[8.6.]~~9.7, Delayed egress locks is amended to add a new Item 7 after the existing Item 6 as follows: 7. The secure area or unit with delayed egress locks shall be located at the level of exit discharge in Type V construction.

6.7.~~[2.]~~3 IFC, Chapter 10, Section 1009.~~[3]~~4.2, Riser height and tread depth is amended as follows: On line [five] six of Exception [4]5 delete "[7.75] 7¾ inches (197mm)" and replace it with "8 inches". On line seven of Exception [4]5 delete "10 inches (254mm)" and replace it with "9 inches".

6.7.~~[3.]~~4 IFC, Chapter 10, Section 1009.~~[4]~~12, Handrails is amended to add the following exception: 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.

~~[6.7.4 IFC, Chapter 10, Section 1012.3 is amended to add the following: 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 ¼ inches (160mm) shall provide a graspable finger recess area on both sides of the profile. The finger recess shall begin within a distance of ¾ inch (19mm) measured vertically from the tallest portion of the profile and achieve a depth of at least 5/16 inch (8mm) within 7/8 inch (22mm) below the~~

widest portion of the profile. This required depth shall continue for at least 3/8 inch (10mm) to a level that is not less than 1 3/4 inches (45mm) below the tallest portion of the profile. The minimum width of the handrail above the recess shall be 1 3/4 inches (32mm) to a maximum of 2 3/4 inches (70mm). Edges shall have a minimum radius of 0.01 inch (0.25mm).]

6.7.5 IFC, Chapter 10, Section 1013.2, Height is amended to add the following exception: [3]5. 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 (914mm).

6.7.6 IFC, Chapter 10, Section 1015.2.2, Three or more exits or exit access doorways is amended to add the following sentence at the end of the section: Additional exits or exit access doorways shall be arranged a reasonable distance apart so that if one becomes blocked, the others will be available.

6.7.7 IFC, Chapter 10, Section 1024, Luminous Egress Path Markings is deleted in its entirety.

6.7.[7]8 IFC, Chapter 10, Section [1028.2] 1030.2, Reliability is amended to add the following: On line six after the word "fire" add the words "and building".

6.8 International Fire Code - Explosives and Fireworks

6.8.1 IFC, Chapter 33, Section 3301.1.3, Fireworks, Exception 4 is amended to add the following sentence at the end of the exception: The use of fireworks for display and retail sales is allowed as set forth in UCA 53-7-220, [and] UCA 11-3-1, UAC R710-2, and this rule.

~~[6.8.2 IFC, Chapter 33, Section 3308.12 is a new section as follows: Display of Class C common state approved explosives inside of buildings protected throughout with an automatic fire sprinkler system shall not exceed 25 percent of the area of the retail sales floor or exceed 600 square feet, whichever is less.~~

~~6.8.3 IFC, Chapter 33, Section 3308.13 is a new section as follows: Display of Class C common state approved explosives inside of buildings not protected with an automatic fire sprinkler system shall not exceed 125 pounds of pyrotechnic composition. Where the actual weight of the pyrotechnic composition is not known, 25 percent of the gross weight of the consumer fireworks, including packaging, shall be permitted to be used to determine the weight of the pyrotechnic composition.~~

~~6.8.4 IFC, Chapter 33, Section 3308.14 is a new section as follows: Display of Class C common state approved explosives inside of buildings shall not exceed a height greater than six feet above the floor surface.~~

~~6.8.5 IFC, Chapter 33, Section 3308.15 is a new section as follows: Rack storage of Class C common state approved explosives inside of buildings is prohibited.]~~

6.9 International Fire Code - Flammable and Combustible Liquids

6.9.1 IFC, Chapter 34, Section 3401.4, Permits is amended to add the following at the end of the section: The owner of an underground tank that is out of service for longer than one year, shall receive a Temporary Closure Notice from the Department of Environmental Quality and a copy shall be given to the AHJ.

~~[6.9.2 IFC, Chapter 34, Section 3405.5.1 is deleted and rewritten as follows: Corridor installations. Where wall-mounted dispensers containing alcohol-based hand rubs are installed in corridors, they shall be in accordance with all of the following: 1. Level 2 and Level 3 aerosol containers shall not be allowed in corridors. 2. The maximum capacity of each Class I or II liquids dispenser shall be 41 ounces and the maximum capacity of each Level I aerosol dispenser shall be 18 ounces. 3. The maximum quantity allowed in a corridor within a control group area shall be 10 gallons of Class I or II liquids or 1135 ounces of Level I aerosols or a combination of Class I or II liquids and Level I aerosols not to exceed in total the equivalent of 10 gallons. 4. Projections into a corridor shall be in accordance with Section 1003.3.3.]~~

6.9.[3]2 IFC, Chapter 34, Section 3406.1, General is amended to add the following special operation: 8. Sites approved by the AHJ.

6.9.[4]3 IFC, Chapter 34, Section 3406.2, Storage and dispensing of flammable and combustible liquids on farms and construction sites is amended to add the following: On

line five after the words "borrow pits" add the words "and sites approved by the AHJ".

6.10 International Fire Code - Liquefied Petroleum Gas

6.10.1 IFC, Chapter 38, Section 3809.12, Location of storage outside of buildings is amended as follows: In Table 3809.12, Doorway or opening to a building with two or more means of egress, with regard to quantities 720 or less and 721 - 2,500, the currently stated "5" is deleted and replaced with "10".

~~[6.10.2 IFC, Chapter 38, Section 3809.14 is amended as follows: Delete 20 from line three and replace it with 10.]~~

6.11 IFC, Chapter 47, Referenced Standards is amended as follows:

6.11.1 Under the heading NFPA - National Fire Protection Association, add NFPA 720, Installation of Carbon Monoxide (CO) Detection and Warning Equipment, 2009 edition.

6.11.2 Under the heading UL - Underwriters Laboratories, Inc. add UL2034, Standard for Single and Multiple Station Carbon Monoxide Alarms, 1998.

6.[++]12 National Fire Protection Association - NFPA 72 National Fire Alarm Code

6.[++]12.1 NFPA 72, Chapter 2, Section 2.2, NFPA Publications is amended to add the following NFPA standard: NFPA 20, Standard for the Installation of Stationary Pumps for Fire Protection, 2007 edition.

6.[++]12.2 NFPA 72, Chapter 4, Section 4.3.2 System Designer, Subsection 4.3.2.2(2) is deleted and rewritten as follows: National Institute of Certification in Engineering Technologies (NICET) fire alarm level II certified personnel.

6.[++]12.3 NFPA 72, Chapter 4, Section 4.3.3 System Installer, Subsection 4.3.3(2) is deleted and rewritten as follows: National Institute of Certification in Engineering Technologies (NICET) fire alarm level II certified personnel.

6.[++]12.4 NFPA 72, Chapter 4, Section 4.4.3.7 Alarm Signal Deactivation, Subsection 4.4.3.7.2 is amended to add the following sentence: When approved by the AHJ, the audible notification appliances may be deactivated during the investigation mode to prevent unauthorized reentry into the building.

6.[++]12.5 NFPA 72, Chapter 4, Section 4.4.5 Protection of Fire Alarm System is deleted in its entirety and rewritten as follows: Automatic smoke detection shall be provided at the location of each fire alarm control unit(s), notification appliance circuit power extenders, and supervising station transmitting equipment to provide notification of fire at the location.

6.[++]12.5.1 NFPA 72, Chapter 4, Section 4.4.5, Exception No. 1 is added as follows: When ambient conditions prohibit installation of automatic smoke detection, automatic heat detection shall be permitted.

6.[++]12.6 NFPA 72, Chapter 6, Section 6.8.5.9 Signal Initiation - Fire Pump is amended to add the following subsection: 6.8.5.9.3 Automatic fire pumps shall be supervised in accordance with NFPA 20, Standard for the Installation of Stationary Pumps for Fire Protection, and the AHJ.

6.[++]12.7 NFPA 72, Chapter 7, Section 7.4.1 General Requirements, Subsection 7.4.1.2 is amended as follows: On line three delete "110dBA" and replace it with "120dBA".

6.[++]12.8 NFPA 72, Chapter 8, Section 8.3.4 Indication of Central Station Service, Subsection 8.3.4.7 is amended as follows: On line two, after the word "notified" insert the words "without delay".

6.[++]12.9 NFPA 72, Chapter 10, Section 10.2.2.5 Service Personnel Qualifications and Experience, Subsection 10.2.2.5.1 is deleted and rewritten as follows: Service personnel shall be qualified and experienced in the inspection, testing and maintenance of fire alarm systems. Qualified personnel shall meet the certification requirements stated in [~~Utah Administrative Code,~~] UAC R710-11-3, Fire Alarm System Inspecting and Testing.

6.13 National Fire Protection Association - NFPA 1124 Manufacture, Transportation, Storage and Retail Sales of Fireworks and Pyrotechnic Articles

6.13.1 NFPA 1124, Chapter 7, Section 7.2 Special Limits for Retail Sales of Consumer Fireworks, Subsection 7.2.8 is added as a new subsection as follows: Display of Class C common state approved explosives inside of buildings protected throughout

with an automatic fire sprinkler system shall not exceed 25 percent of the area of the retail sales floor or exceed 600 square feet, whichever is less.

6.13.2 NFPA 1124, Chapter 7, Section 7.2 Special Limits for Retail Sales of Consumer Fireworks, Subsection 7.2.9 is added as a new subsection as follows: Rack storage of Class C common state approved explosives inside of buildings is prohibited.

6.13.3 NFPA 1124, Chapter 7, Section 7.3.1 Exempt Amounts, Subsection 7.3.1.1 is deleted and rewritten as follows: Display of Class C common state approved explosives inside of buildings not protected with an automatic fire sprinkler system shall not exceed 125 pounds of pyrotechnic composition.

6.13.4 NFPA 1124, Chapter 7, Section 7.3.15.2 Height of Sales Displays, Subsection 7.3.15.2.2 is amended to read as follows: On line three delete "12 ft (3.66m)" and replace it with "6 ft".

R710-9-7. Fire Advisory and Code Analysis Committee.

7.1 There is created by the Board a Fire Advisory and Code Analysis Committee whose duties are to provide direction to the Board in the matters of fire prevention and building codes.

7.2 The committee shall serve in an advisory position to the Board, members shall be appointed by the Board, shall serve for a term of three years, and shall consist of the following members:

7.2.1 A representative from the State Fire Marshal's Office.

7.2.2 The Code Committee Chairman of the Fire Marshal's Association of Utah.

7.2.3 A fire marshal or fire inspector from a local fire department or fire district.

7.2.4 A representative from the Department of Health.

7.2.5 The Chief Elevator Inspector from the Utah Labor Commission.

60106 A representative from the Department of Human Services.

7.2.7 A representative from Forestry, Fire and State Lands.

7.3 This committee shall join together with the Uniform Building Code Commission Fire Protection Advisory Committee to form the Unified Code Analysis Council.

7.4 The Council shall meet as directed by the Board or as directed by the Building Codes Commission or as needed to review fire prevention and building code issues that require definitive and specific analysis.

7.5 The 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.

7.6 The chair or vice chair of the council shall report to the Board or Building Codes Commission recommendations of the Council with regard to the review of fire and building codes.

R710-9-8. Enforcement of the Rules of the State Fire Marshal.

8.1 Fire and life safety plan reviews of new construction, additions, and remodels of state owned facilities shall be conducted by the SFM, or his authorized deputies. State owned facilities shall be inspected by the SFM, or his authorized deputies.

8.2 Fire and life safety plan reviews of new construction, additions, and remodels of public and private schools shall be completed by the SFM, or his authorized deputies, and the LFA.

8.3 Fire and life safety plan reviews of new construction, additions, and remodels of publicly owned buildings, privately owned colleges and universities, and institutional occupancies, with the exception of state owned buildings, shall be completed by the LFA. If not completed by the LFA, the SFM, or his authorized deputies shall complete the plan review.

8.4 The following listed occupancies shall be inspected by the LFA. If not completed by the LFA, the SFM, or his authorized deputies shall inspect.

8.4.1 Publicly owned buildings other than state owned buildings as referenced in 9.1 of this rule.

8.4.2 Public and private schools.

8.4.3 Privately owned colleges and universities.

8.4.4 Institutional occupancies as defined in Section 9-2 of this rule.

8.4.5 Places of assembly as defined in Section 9-2 of this rule.

8.5 The Board shall require prior to approval of a grant the following:

8.5.1 That the applying fire agency be actively participating in the statewide fire statistics reporting program.

8.5.2 The Board shall also require that the applying fire agency be actively working towards structural or wildland firefighter certification through the Utah Fire Service Certification System.

R710-9-9. Fire Prevention Board Budget and Amendment Sub-Committees.

9.1 There is created two Fire Prevention Board Sub-Committees known as the Budget Subcommittee and the Amendment Subcommittee. The subcommittees membership shall be appointed from members of the Board.

9.2 Membership on the Sub-Committee shall be by appointment of the Board Chair or as volunteered by Board members. Membership on the Sub-Committee shall be limited to four Board members.

9.3 The Sub-Committee shall meet as necessary and shall vote and appoint a chair to represent the Sub-Committee at regularly scheduled Board meetings.

R710-9-10. Repeal of Conflicting Board Actions.

All former Board actions, or parts thereof, conflicting or inconsistent with the provisions of this Board action or of the codes hereby adopted, are hereby repealed.

R710-9-11. Validity.

The Utah Fire Prevention Board hereby declares that should any section, paragraph, sentence, or word of this Board action, or of the codes hereby adopted, be declared invalid, it is the intent of the Utah Fire Prevention Board that it would have passed all other portions of this action, independent of the elimination of any portion as may be declared invalid.

R710-9-12. Adjudicative Proceedings.

12.1 All adjudicative proceedings performed by the agency shall proceed informally as set forth herein and as authorized by UCA, Sections 63G-4-202 and 63G-4-203.

12.2 If a city, county, or fire protection district refuses to establish a method of appeal regarding a portion of the IFC, the appealing party may petition the Board to act as the board of appeals.

12.3 A person may request a hearing on a decision made by the SFM, his authorized deputies, or the LFA, by filing an appeal to the Board within 20 days after receiving final decision.

12.4 All adjudicative proceedings, other than criminal prosecution, taken by the SFM, his authorized deputies, or the LFA, to enforce the Utah Fire Prevention and Safety Act and these rules, shall commence in accordance with UCA, Section 63G-4-201.

12.5 The Board shall act as the hearing authority, and shall convene as an appeals board after timely notice to all parties involved.

12.6 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.

12.7 Reconsideration of the Board's decision may be requested in writing within 20 days of the date of the decision pursuant to UCA, Section 63G-4-302.

12.8 Judicial review of all final Board actions resulting from informal adjudicative proceedings is available pursuant to UCA, Section 63G-4-402.

KEY: fire prevention, law

Date of Enactment or Last Substantive Amendment: [~~May 27, 2009~~]

Notice of Continuation: June 12, 2002

Authorizing, and Implemented or Interpreted Law: 53-7-204