

IFC, Chapter 1, Section 102.5, is deleted and rewritten as follows:

[A] 102.5 Application of residential code. If a structure is designed and constructed in accordance with the International Residential Code, the provisions of this code apply only as follows:

1. The construction and design provisions of this code apply only to premises identification, fire apparatus access, fire hydrants and water supplies, and construction permits required by Section 105.7.
2. This code does not supercede the land use, subdivision, or development standards established by a local jurisdiction.
3. The administrative, operational, and maintenance provisions of this code apply.

IFC, Chapter 1, Section 102.9, is deleted and rewritten as follows:

[A] 102.9 Matters not provided for. Requirements that are essential for the public safety of an existing or proposed activity, building or structure, or for the safety of the occupants thereof, which are not specifically provided for by this code, shall be determined by the fire code official on an emergency basis if:

- a. the facts known to the fire code official show that an immediate and significant danger to the public health, safety, or welfare exists; and
- b. the threat requires immediate action by the fire code official.

102.9.1 Limitation of emergency order. In issuing its emergency order, the fire code official shall:

- a. limit the order to require only the action necessary to prevent or avoid the danger to the public health, safety, or welfare; and
- b. give immediate notice to the persons who are required to comply with the order, that includes a brief statement of the reasons for the fire code official's order.

102.9.2 Right to appeal emergency order. 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 party shall have a right to appeal the fire code official's order in accordance with IFC, Chapter 1, Section 108.

IFC, Chapter 1, Section 105.6.17 Flammable and combustible liquids, is amended to add the following section: “12”

Section 105.6.17

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.

Insert in the IFC before page 9

IFC, Chapter 1, Section 108, Subsection 108.1 a new Subsection 108.1.1 is added as follows:

108.1.1 Application of residential code. For development regulated by a local jurisdiction's land use authority, the fire code official's interpretation of this code is subject to the advisory opinion process described in Section 13-43-205 and to a land use appeal authority appointed under Section 10-9a-701 or 17-27a-701.

IFC, Chapter 1, Section 108, a new Section 108.4 is added as follows:

108.4 Notice of right to appeal. At the time a fire code official makes an order, decision, or determination that relates to the application or interpretation of this chapter, the fire code official shall inform the person affected by the order, decision, or determination of the person's right to appeal under this section. Upon request, the fire code official shall provide a person affected by an order, decision, or determination that relates to the application or interpretation of this chapter a written notice that describes the person's right to appeal under this section.

IFC, Chapter 1, Section 109.3, Notice of violation, is deleted and rewritten as follows:

109.3 Notice of violation. If the fire code official determines that a building, premises, vehicle, storage facility, or outdoor area is in violation of this code or other pertinent laws or ordinances, the fire code official is authorized to prepare a written notice of violation that describes the conditions deemed unsafe and, absent immediate compliance, specifies a time for reinspection.

Insert in the IFC before page 13

IFC, Chapter 2, Section 202 Definitions

General Definitions, the following definition is added for Ambulatory Surgical Center:

AMBULATORY SURGICAL CENTER. A building or portion of a building licensed by the Utah Department of Health where procedures are performed that may render patients incapable of self preservation where care is less than 24 hours.

Insert in the IFC before page 17

IFC, Chapter 2, Section 202, General Definitions, FOSTER CARE FACILITIES is amended as follows:

The word “**Foster**” is changed to the word “**Child**”.

Insert in the IFC before page 27

IFC, Chapter 2, Section 202, General Definitions, Occupancy Classification, Educational Group E, Day care facilities, is amended as follows:

On line three delete the word “**five**” and replace it with the word “**four**”.
On line four after the word “**supervision**” add the words “**child care centers.**”

IFC, Chapter 2, Section 202, General Definitions, Occupancy Classification, Educational Group E, Five or fewer children, is amended as follows:

On line one the word “**five**” is deleted and replaced with the word “**four**” in both places.

IFC, Chapter 2, Section 202, General Definitions, Occupancy Classification, Educational Group E, Five or fewer children in a dwelling unit, is amended as follows:

The word “**five**” is deleted and replaced with the word “**four**” in both places.

IFC, Chapter 2, Section 202, General Definitions, Occupancy Classification, Educational Group E, a new section is added as follows:

Child Day Care – Residential Certificate or a Family License. Areas used for child day care purposes with a Residential Certificate R430-50 or a Family License, as defined in Utah Administrative Code, R430-90, Licensed Family Child Care, may be located in a Group R-2 or R-3 occupancy as provided in Residential Group R-3, or shall comply with the International Residential Code in accordance with Section R101.2.

IFC, Chapter 2, Section 202, General Definitions, Occupancy Classification, Educational Group E, a new section is added as follows:

Child Care Centers. Areas used for Hourly Child Care Centers as defined in Utah Administrative Code, R430-60, Child Care Center as defined in Utah Administrative Code, R430-100, or Out of School Time Programs, as defined in Utah Administrative Code, R430-70, may be classified as accessory occupancies.

Insert in the IFC before page 33

**IFC, Chapter 2, Section 202, General Definitions, Occupancy
Classification, Institutional Group I, Group I-1 is amended as follows:**

Insert “**Type I**” in front of the words “**Assisted living facilities.**”

Insert in the IFC before page 35

IFC, Chapter 2, Section 202, General Definitions, Occupancy Classification, Institutional Group I, Five or fewer persons receiving care is amended as follows:

On line four after “International Residential Code” the rest of the section is deleted.

IFC, Chapter 2, Section 202, General Definitions, Occupancy Classification, Institutional Group I, Group I-2 is amended as follows:

On line three delete the word “**five**” and insert the word “**three**”. On line six the word “**foster**” is deleted and replaced with the word “**child**”. On line 10 after the words “**Psychiatric hospitals**” add the following to the list: **both intermediate nursing care and skilled nursing care facilities, ambulatory surgical centers with five or more operating rooms, 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 with at least six and not more than 16 residents shall be classified as a Group I-1 facility”.

IFC, Chapter 2, Section 202, General Definitions, Occupancy Classification, Institutional Group I, Group 1-4, Day care facilities, Classification as Group E, is amended as follows:

On line two delete the word “**five**” and replace it with the word “**four**”. On line three delete the words “**2 ½ years or less of age**” and replace with the words “**under the age of two**”.

IFC, Chapter 2, Section 202, General Definitions, Occupancy Classification, Institutional Group Care I, Group I-4, Day care facilities, Five or fewer occupants receiving care in a dwelling unit, is amended as follows:

On lines one and two the word “**five**” is deleted and replaced with the word “**four**”.

Insert in the IFC before page 37

IFC, Chapter 2, Section 202 General Definitions, Occupancy Classification, Residential Group R-3 is amended as follows:

The words “**and single family dwellings complying with the IRC**” are added after the words “**Residential R-3 occupancies**”.

IFC, Chapter 2, Section 202, General Definitions, Occupancy Classification, Residential Group R-3, Care facilities within a dwelling, is amended as follows:

On line four after “International Residential Code” the rest of the section is deleted. (See Group I, Five or fewer persons receiving care)

IFC, Chapter 2, Section 202 General Definitions, Occupancy Classification, Residential Group R-3, Care facilities within a dwelling, is amended as follows:

On line three after the word “**dwelling**” insert “**other than child care**”.

IFC, Chapter 2, Section 202 General Definitions, Occupancy Classification, Residential Group R-3, a new section is added as follows:

Child Care. Areas used for child care purposes may be located in a residential dwelling unit when all of the following conditions are met:

1. Compliance with 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 Utah Department of Health under the authority of the Utah Code, Title 26, Chapter 39, Utah Child Care Licensing Act, and in any of the following categories:
 - a. Utah Administrative Code R430-50, Residential Certificate Child Care; or
 - b. Utah Administrative Code, R430-90, Licensed Family Child Care; and
3. Compliance with all zoning regulations of the local regulator.

IFC, Chapter 2, Section 202 General Definitions, RECORD DRAWINGS, is modified by:

Deleting the words “**a fire alarm system**” and replacing them with “**any fire protection system**”.

Insert in the IFC before page 41

IFC, Chapter 3, Section 304.1.2, Vegetation, is amended as follows:

Delete line six and replace it with: “the Utah Administrative Code, R652-122-200, Minimum Standards for Wildland Fire Ordinance”.

Insert in the IFC, before page 49

IFC, Chapter 3, Section 310.8, Hazardous environmental conditions, is deleted and rewritten as follows:

310.8 Hazardous environmental conditions. When the fire code official determines that hazardous environmental conditions necessitate controlled use of any ignition source, including fireworks, lighters, matches, sky lanterns, and smoking materials, any of the following may occur:

1. If the hazardous environmental conditions exist in a municipality, the Legislative body of the municipality may prohibit the ignition or use of an ignition source in mountainous, brush-covered, or forest-covered areas or the wildland urban interface area, which means the line, area, or zone where structures or other human development meet or intermingle with undeveloped wildland or land being used for an agricultural purpose.
2. Except as provided in paragraph 3, if the hazardous environmental conditions exist in an unincorporated area, the state forester may prohibit the ignition or use of an ignition source in all or part of the areas described in paragraph 1 that are within the unincorporated area, after consulting with the county fire code official who has jurisdiction over that area.
3. If the hazardous environmental conditions exist in a metro township created under Title 10, Chapter 2a, Part 4, Incorporation of Metro Townships and Unincorporated Islands in a County of the First Class, on and after May 12, 2015, the metro township legislative body may prohibit the ignition or use of an ignition source in all or part of the areas described in paragraph 1 that are within the township.

Insert in the IFC, before page 53

IFC, Chapter 3, Section 311.1.1, Abandoned Premises, is amended as follows:

On line 10 delete the words “**International Property Maintenance Code and the**” .

IFC, Chapter 3, Section 311.5, Placards, is amended as follows:

On line three delete the word “**shall**” and replace it with the word “**may**”.

Insert in the IFC, before page 55

IFC, Chapter 3, Section 315.3.1, 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 the classification as light or ordinary hazard.

Insert in the IFC, before page 57

IFC, Chapter 4, Section 403.10.2.1, College and university Buildings, is deleted and replaced with the following:

403.10.2.1 College and university buildings and fraternity and sorority houses. College and university buildings, including fraternity and sorority houses, shall prepare an approved fire safety and evacuation plan, in accordance with Section 404. Group R-2 college and university buildings, including fraternity and sorority houses, shall comply with Sections 403.10.2.1.1 and 403.10.2.1.2.

Insert in the IFC, before page 63

IFC, Chapter 4, Section 405.2, Table 405.2, is amended to add the following footnotes:

e. Secondary schools in Group E occupancies shall have an emergency evacuation drill for fire conducted at least every two months, to a total of four emergency evacuation drills during the nine-month school year. The first emergency evacuation drill for fire shall be conducted within 10 school days after the beginning of classes. The third emergency evacuation drill for fire, weather permitting, shall be conducted 10 school days after the beginning of the next calendar year. The second and fourth emergency evacuation drills may be substituted by a security or safety drill to include shelter in place, earthquake drill, or lock down for violence. If inclement weather causes a secondary school to miss the 10-day deadline for the third emergency evacuation drill for fire, the secondary school shall perform the third emergency evacuation drill for fire as soon as practicable after the missed deadline.

f. In Group E occupancies, excluding secondary schools, if the AHJ approves, the monthly required emergency evacuation drill can be substituted by a security or safety drill to include shelter in place, earthquake drill, or lock down for violence. The routine emergency evacuation drill for fire must be conducted at least every other evacuation drill.

g. A-3 occupancies in academic buildings of institutions of higher learning are required to have one emergency evacuation drill per year, provided the following conditions are met:

1. The building has a fire alarm system in accordance with Section 907.2.
2. The rooms classified as assembly, shall have fire safety floor plans as required in Section 404.2.2(4) posted.
3. The building is not classified a high-rise building.
4. The building does not contain hazardous materials over the allowable quantities by code.

Insert in the IFC, before page 67

IFC, Chapter 5, a new section 501.5, is added as follows:

Section 501.5 Access grade and fire flow. An authority having jurisdiction over a structure built in accordance with the requirements of the International Residential Code as adopted in the State Construction Code, may require an automatic fire sprinkler system for the structure only by ordinance and only if any of the following conditions exist:

1. The structure:
 - A. is located in an urban-wildland interface area as provided in the Utah Wildland Urban Interface Code adopted as a construction code under the State Construction Code; and
 - B. does not meet the requirements described in Utah Code, Subsection 65A-8-203(4)(a) and Utah Administrative Code, R652-122-200, Minimum Standards for Wildland Fire Ordinance;
2. The structure is in an area where a public water distribution system with fire hydrants does not exist as required in Utah Administrative Code, R309-550-5. Water Main Design;
3. The only fire apparatus access road has a grade greater than 10% for more than 500 continual feet;
4. A. the total floor area of all floor levels within the exterior walls of the dwelling unit exceeds 10,000 square feet; or
5. The total floor area of all floor levels within the exterior walls of the dwelling unit is double the average of the total floor area of all floor levels of unsprinkled homes in the subdivision that are no larger than 10,000 square feet.

Insert in the IFC, before page 69

IFC, Chapter 5, Section 506.1 Where required is deleted and rewritten as follows:

506.1 Where required. Where access to or within a structure or an area is restricted because of secured openings or where immediate access is necessary for life-saving or fire-fighting purposes, the fire code official, after consultation with the building owner, may require a key box to be installed in an approved location. The key box shall contain keys to gain necessary access as required by the fire code official. For each fire jurisdiction that has at least one building with a required key box, the fire jurisdiction shall adopt an ordinance, resolution, or other operating rule or policy that creates a process to ensure that each key to each key box is properly accounted for and secure.

IFC, Chapter 5, a new Section 507.1.1, Isolated one- and two-family dwellings, as added as follows:

507.1.1 Isolated one- and two-family dwellings. Fire flow may be reduced for an isolated one- and two-family dwelling when the authority having jurisdiction over the dwelling determines that the development of a full fire-flow requirement is impractical.

IFC, Chapter 5, a new Section 507.1.2, Pre-existing subdivision lots, is added as follows:

507.1.2 Pre-existing subdivision lots. The requirements for a pre-existing subdivision lot shall not exceed the requirements described in Section 501.5.

Insert in the IFC, before page 71

IFC, Chapter 5, Section 510.1, Emergency responder radio coverage in new buildings, is amended by adding:

“When required by the fire code official” at the beginning of the first paragraph.

Insert in IFC, before page 73

IFC, Chapter 6, Section 605.11.1.2, Delete the section title and replace with:

Section 605.11.1.2 Solar photovoltaic systems for Group R-3 and buildings constructed in accordance with IRC.

Section 605.11.1.2 Solar photovoltaic systems for Group R-3, Exception is deleted and rewritten as follows:

Exception: Reduction in pathways and clear access width shall be permitted where shown that a rational approach has been used and that the reductions are warranted and approved by the Fire Code Official.

IFC, Chapter 6, Section 605.11.1.3.1, Access, is deleted and rewritten as follows:

605.11.1.3.1 Access. There shall be a minimum three foot wide (914 mm) clear perimeter around the edges of the roof.

IFC, Chapter 6, Section 605.11.1.3.2, Pathways, is deleted and rewritten as follows:

605.11.1.3.2 Pathways. The solar installation shall be designed to provide designated pathways. The pathways shall meet the following requirements:

1. The pathway shall be over areas capable of supporting the live load of fire fighters accessing the roof.
2. The centerline axis pathways shall be provided in both axes of the roof. Centerline axis pathways shall run where the roof structure is capable of supporting the live load of fire fighters accessing the roof.
3. Smoke and heat vents required by Section 910.2.1 or 910.2.2 of this Code, shall be provided with a clear pathway width of not less than three feet (914 mm) to vents.
4. Access to roof area required by Section 504.3 or 1011.12 of this Code, shall be provided with a clear pathway width of not less than three feet (914 mm) around access opening and at least three feet (914 mm) clear pathway to parapet or roof edge.

Insert in the IFC, before page 83

IFC, Chapter 6, Section 605.11.1.3.3, Smoke ventilation, is deleted and rewritten as follows:

605.11.1.3.3 Smoke ventilation. The solar installation shall be designed to meet the following requirements:

1. Arrays shall be no greater than 150 feet (45 720 mm) by 150 feet (45 720 mm) in distance in either axis in order to create opportunities for fire department smoke ventilation operations.
2. Smoke ventilation options between array sections shall be one of the following:
 - 2.1 A pathway six feet (1829 mm) or greater in width.
 - 2.2 A three foot (914 mm) or greater in width pathway and bordering roof skylights or smoke and heat vents when required by Section 910.2.1 or Section 910.2.2 of this Code.
 - 2.3 Smoke and heat vents designed for remote operation using devices that can be connected to the vent by mechanical, electrical, or any other suitable means, shall be protected as necessary to remain operable for the design period. Controls for remote operation shall be located in a control panel, clearly identified and located in an approved location.

Insert in the IFC, before page 85

IFC, Chapter 6, Section 607.7, Elevator key location, is deleted and rewritten as follows:

607.7 Elevator key location. Firefighter service keys shall be kept in a “Supra-Stor-a-key” elevator key box or similar box with a 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.

Insert in IFC, before page 87

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”.

Insert in the IFC, before page 89

IFC, Chapter 7, Section 703.2, Opening protectives, is amended to add the following:

Exception: In Group E Occupancies, where the corridor serves an occupant load greater than 30 and the building does not have an automatic fire sprinkler system installed, the door closers may be of the friction hold-open type on classroom doors with a rating of 20 minutes or less only.

Insert in the IFC, before page 91

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.

IFC, Chapter 9, Section 901.4.6, Pump and riser room size, is deleted and replaced with the following:

901.4.6 Pump and riser room size. Fire pump and automatic sprinkler system riser rooms shall be designed with adequate space for all installed equipment necessary for the installation and to provide sufficient working space around the stationary equipment. Clearances around equipment shall be in accordance with manufacturer requirements and not less than the following minimum elements:

901.4.6.1 A minimum clear and unobstructed distance of 12-inches shall be provided from the installed equipment to the elements of permanent construction.

901.4.6.2 A minimum clear and unobstructed distance of 12-inches shall be provided between all other installed equipment and appliances.

901.4.6.3 A clear and unobstructed width of 36-inches shall be provided in front of all installed equipment and appliances, to allow for inspection, service, repair or replacement without removing such elements of permanent construction or disabling the function of a required fire-resistance-rated assembly.

901.4.6.4 Automatic sprinkler system riser rooms shall be provided with a clear and unobstructed passageway to the riser room of not less than 36-inches, and openings into the room shall be clear and unobstructed, with doors swinging in the outward direction from the room and the opening providing a clear width of not less than 34-inches and a clear height of the door opening shall not be less than 80-inches.

901.4.6.5 Fire pump rooms shall be provided with a clear and unobstructed passageway to the fire pump room of not less than 72-inches, and openings into the room shall be clear, unobstructed and large enough to allow for the removal of the largest piece of equipment, with doors swinging in the outward direction from the room and the opening providing a clear width of not less than 68-inches and a clear height of the door opening shall not be less than 80-inches.

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.

IFC, Chapter 9, Section 903.2.2, Ambulatory health care facilities, is amended as follows:

On line two delete the words “**entire floor**” and replace with the word “**building**” and delete the last paragraph.

IFC, Chapter 9, Section 903.2.4, Group F-1, Subsection 2, is deleted and rewritten as follows:

A Group F-1 fire area is located more than three stories above the lowest level of fire department vehicle access.

IFC, Chapter 9, Section 903.2.7, Group M, Subsection 2, is deleted and rewritten as follows:

A Group M fire area is located more than three stories above the lowest level of fire department vehicle access.

Insert in the IFC, before page 107

IFC, Chapter 9, Section 903.2.8, Group R, including all subsections, is deleted and rewritten as follows:

903.2.8 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.

Exception:

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. Single story Group R-1 occupancies with fire areas not more than 2,000 square feet that contain no installed plumbing or heating, where no cooking occurs, and constructed of Type I-A, I-B, or II-B construction.
3. 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 its primary power from the building wiring and a commercial power system.

903.2.8.1 Group R-4 Condition 2. An automatic sprinkler system installed in accordance with Section 903.3.1.2 shall be permitted in Group R-4 Condition 2 occupancies. Attics shall be protected in accordance with Section 903.2.8.1.1 or 903.2.8.1.2.

903.2.8.1.1 Attics used for living purposes, storage, or fuel-fired equipment. Attics used for living purposes, storage, or fuel-fired equipment shall be protected throughout with an automatic sprinkler system installed in accordance with Section 903.3.1.2.

903.2.8.1.2 Attics not used for living purposes, storage or fuel-fired equipment. Attics not used for living purposes, storage, or fuel-fired equipment shall be protected in accordance with one of the following:

1. Attics protected throughout by a heat detector system arranged to activate the building fire alarm system in accordance with Section 907.2.10.
2. Attics constructed of noncombustible materials
3. Attics constructed of fire-retardant-treated wood framing complying with Section 2303.2 of the International Building code.
4. The automatic sprinkler system shall be extended to provide protection throughout the attic space.

Insert in IFC, before page 109

IFC, Chapter 9, Section 903.2.9, Group S-1, Subsection 2, is deleted and rewritten as follows:

2. A Group S-1 fire area is located more than three stories above the lowest level of fire department vehicle access.

Insert in the IFC, before page 109

IFC, Chapter 9, Section 903.3.5, Water supplies, is amended as follows:

On line six, after the word “Code”, add “**and as amended in Utah’s State Construction Code**”.

Insert in IFC, before page 111

IFC, Chapter 9, Section 903.5 is amended to add the following subsection:

903.5.1 Tag and information. A tag shall be attached to the riser indicating the date the antifreeze solution was tested. The tag shall also indicate the type and concentration of antifreeze solution by volume with which the system is filled, the name of the contractor that tested the antifreeze solution, the contractor's license number, and a warning to test the concentration of the antifreeze solutions at yearly intervals.

Insert in IFC, before page 113

IFC, Chapter 9, Section 904.12, Commercial cooking systems, is deleted and rewritten as follows:

Section 904.12 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 904.12 is not deleted and shall remain as currently written in the IFC.

IFC, Chapter 9, Section 904.12.3, Carbon dioxide systems, and 904.12.3.1, Ventilation system, are deleted and rewritten as follows:

904.12.3 Existing automatic fire extinguishing systems used for commercial cooking. Existing automatic fire extinguishing systems used for commercial cooking that use dry chemical are prohibited and shall be removed from service.

904.12.3.1 UL 300 listed and labeled existing wet chemical fire extinguishing system. 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.

IFC, Chapter 9, Section 904.12.4, Special provisions for automatic sprinkler systems, is amended to add the following subsection:

904.12.4.2 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.

IFC, Chapter 9, Section 904.12.6.2, 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

Insert in the IFC, before page 115

IFC, Chapter 9, Section 905.3.9, a new subsection is added as follows:

905.3.9 Open parking Garages. Open parking garages shall be equipped with an approved Class I manual standpipe system when fire department access is not provided for firefighting operations to within 150 feet of all portions of the open parking garage as measured from the approved fire department vehicle access. Class I manual standpipe shall be accessible throughout the parking garage such that all portions of the parking structure are protected within 150 feet of a hose connection.

Exception: Open parking garages equipped throughout with an automatic sprinkler system in accordance with Section 903.3.1.1.

Insert in the IFC, before page 117

IFC, Chapter 9, Section 905.8, Dry standpipes, Exception is deleted and rewritten as follows:

Exception: Where subject to freezing conditions and approved by the fire code official.

IFC, Chapter 9, Section 905.11, Existing building, is deleted

IFC, Chapter 9, Section 906.1, Where required, insert an additional exception as follows:

2. In new and existing Group E occupancies equipped with quick response sprinklers, portable fire extinguishers shall be required only in locations specified in items 2 through 6.

Insert in the IFC, before page 119

IFC, Chapter 9, Section 907.2.3 Group E, is amended as follows:

The first sentence is deleted and rewritten as follows: A manual fire alarm system that activates the occupant notification system is accordance with Section 907.5 and installed in accordance with Section 907.6, and with the rules made by the Utah Fire Prevention Board in accordance with Title 63G, Chapter 3, Utah Administrative Rulemaking Act, shall be installed in Group E occupancies.

Exception 2, delete entirely.

Exception number 4.2, on line five, delete the words, “**emergency voice/alarm communication system**” and replace with “**fire alarm**”.

Insert in the IFC, before page 121

IFC, Chapter 9, Section 907.8 Inspection, testing, and maintenance, 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.

Insert in IFC, before page 131

IFC, Chapter 9, Section 915 Carbon Monoxide Alarms, is deleted and rewritten as follows:

915 Carbon monoxide detection.

915.1 Where Required. Group I-1, I-2, I-4 and R occupancies located in a building containing a fuel-burning appliance or in a building that has an attached garage shall be equipped with single-station carbon monoxide alarms. The carbon monoxide alarms shall be listed as complying with UL 2034 or UL 2075 and be installed and maintained in accordance with NFPA 720 and the manufacturer's instructions. An open parking garage, as defined in Chapter 2, or an enclosed parking garage, ventilated in accordance with Section 404 of the International Mechanical Code, shall not be considered an attached garage. A minimum of one carbon monoxide alarm shall be installed on each habitable level.

915.2 Interconnection. Where more than one carbon monoxide alarm is required to be installed within Group I-1, I-2, I-4 or R occupancies, the carbon monoxide alarm shall be interconnected in such a manner that the activation of one alarm will activate all of the alarms. Physical interconnection of carbon monoxide alarms shall not be required where listed wireless alarms are installed and all alarms sound upon activation of one alarm. The alarm shall be clearly audible in all bedrooms over background noise levels with all intervening doors closed.

915.3 Power source. In new construction, required carbon monoxide 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. Carbon monoxide alarms with integral strobes that are not equipped with battery backup shall be connected to an emergency electrical system. Carbon monoxide 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.

Exceptions.

1. Carbon monoxide alarms are not required to be equipped with battery backup where they are connected to an emergency electrical system.
2. Hard wiring of carbon monoxide alarms in existing areas shall not be required 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 that could provide access for hard wiring, without the removal of interior finishes.

Install in the IFC, before page 147

IFC, Chapter 9, Section 915.4 Group E. A carbon monoxide detection system shall be installed in new buildings that contain Group E occupancies in accordance with this section. A carbon monoxide detection system shall be installed in existing buildings that contain Group E occupancies in accordance with IFC, Chapter 11, Section 1103.9.

915.4.1 Where required. In Group E occupancies, a carbon monoxide detection system shall be provided where a fuel-burning appliance, a fuel-burning fireplace, or a fuel-burning forced air furnace is present.

915.4.2 Detection equipment. Each carbon monoxide detection system shall be installed in accordance with NFPA720 and the manufacturer's instructions, and be listed, for single station detectors, as complying with UL2034, and for system detectors, as complying with UL 2075.

915.4.3 Combination detectors. A combination carbon monoxide/smoke detector is an acceptable alternative to a carbon monoxide detection system if the combination carbon monoxide/smoke detector is listed in accordance with UL 2075 and UL 268.

915.4.4 Power source. Each carbon monoxide detection system shall receive primary power from the building wiring if the wiring is served from a commercial source. If primary power is interrupted, each carbon monoxide detection system shall receive power from a battery. Wiring shall be permanent and without a disconnecting switch other than that required for over-current protection.

915.4.5 Maintenance. Each carbon monoxide detection system shall be maintained in accordance with NFPA 720. A carbon monoxide detection system that becomes inoperable or begins to produce end-of-life signals shall be replaced.

IFC, Chapter 10, Section 1008.2.1, Illumination level under normal power. The exception is deleted.

Insert in the IFC, before page 157

IFC, Chapter 10, Section 1010.1.9.6, Controlled egress doors in groups I-1 and I-2, after existing item 8 add item 9 as follows:

9. The secure area or unit with special egress locks shall be located at the level of exit discharge in Type V construction.

IFC, Chapter 10, Section 1010.1.9.7, Delayed egress locks, after existing item 8 add item 9 as follows:

9. The secure area or unit with delayed egress locks shall be located at the level of exit discharge in Type V construction.

**IFC, Chapter 10, Section 1011.5.2, Riser height and tread depth,
Exception 3 is deleted and replaced with the following:**

3. 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).

Insert in the IFC, before page 169

IFC, Chapter 10, Section 1011.11 Handrails, is amended to add the following exception:

5. In occupancies in Group R-3, as applicable in Section 1014 and in occupancies in Group U, which are accessory to an occupancy in Group R-3, applicable in Section 1014, handrails shall be provided on at least one side of stairways consisting of four or more risers.

Insert in IFC, before page171

**IFC, Chapter 10, Section 1013.5, Internally illuminated exit signs,
delete and rewrite the last sentence to read:**

Exit signs shall be illuminated at all times, including when the building is not fully occupied.

Insert in IFC, before page 173

IFC, Chapter 10, Section 1025, Luminous Egress Path Markings is deleted.

Insert in the IFC, before page 183

IFC, Chapter 10, Section 1029.14, Seat stability, delete Exemption 2 and renumber the remaining exceptions.

Insert in the IFC, before page 193

**IFC, Chapter 10, Section 1031.2.1, Security Devices and Egress Locks,
is amended to add the following:**

On line three, after the word “**fire**” add the words “**and building**”.

Insert in IFC, before page 195

IFC, Chapter 11, Section 1103.2 Emergency responder radio coverage in existing buildings, is amended as follows:

On line two after the title, the following is added: When required by the fire code official.

Insert in IFC, before page 199

IFC, Chapter 11, Section 1103.5.1, Group A-2, is deleted and replaced with the following:

1103.5.1 Group A-2. An automatic fire sprinkler system shall be provided throughout existing Group A-2 occupancies where indoor pyrotechnics are used.

IFC, Chapter 11, Section 1103.6, Standpipes, is deleted.

Insert in IFC, before page 201

IFC, Chapter 11, Section 1103.7. Fire alarm systems, is deleted and rewritten as follows:

1103.7 Fire Alarm Systems: The following shall have an approved fire alarm system installed in accordance with Utah Administrative Code Section R710-4:

1. A building with an occupant load of 300 or more persons that is owned or operated by the state.
2. A building with an occupant load of 300 or more persons that is owned or operated by an institution of higher education. and
3. A building with an occupant load of 50 or more persons that is owned or operated by a school district, private school, or charter school.

Exception: The requirements of this section do not apply to a building designated as an Institutional Group I (as defined in IFC 202) occupancy.

IFC, Chapter 11, 1103.7.1 Group E, 1103.7.2 Group I-1, 1103.7.3 Group I-2, 1103.7.4 Group 1-3, 1103.7.5 Group R-1, 1103.7.5.1 Group R-1 Hotel and Motel Manual Fire Alarm System, 1103.7.5.1.1 Group R-1 Hotel and Motel Automatic Smoke Detection System, 1103.7.5.2 Group R-1 Boarding and Rooming Houses Manual Fire Alarm System, 1103.7.5.2.1 Group R-1 Boarding and Rooming Houses Automatic Smoke Detection System, 1103.7.6 Group R-2 and 1103.7.7 Group R-4, are deleted.

Insert in IFC, before page 203

IFC, Chapter 11, Section 1103.9, Carbon Monoxide Alarms, is deleted and rewritten as follows:

1103.9 Carbon Monoxide Detection. Existing Groups E, I-1, I-2, I-4 and R occupancies shall be equipped with carbon monoxide detection in accordance with Section 915.

Insert in IFC, before page 205

IFC, Chapter 50 Hazardous Materials, Table 5003.1.1.(1), Maximum Allowable Quantity per Control Area of Hazardous Materials Posing a Physical Hazard, amend as follows:

Apply footnote “d” to Consumer Fireworks, Storage, Solid Pounds.

Insert in the IFC, before page 319

IFC, Chapter 56, Section 5601.1.3, 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 Utah Code, Title 53, Chapter 7, Utah Fire Prevention and Safety Act, Sections 53-7-220 through 53-7-225, Utah Code, Title 11, Chapter 3, County and Municipal Fireworks Act; Utah Administrative Code, R710-2; and the State Fire Code.

Insert in the IFC, before page 361

IFC, Chapter 57, Section 5701.4 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.

Insert in the IFC, before page 379

IFC, Chapter 57, Section 5706.1, General, is amended to add the following special operation:

8. Sites approved by the AHJ.

IFC, Chapter 57, Section 5706.2 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**”.

Insert in the IFC, before page 409

IFC, Chapter 61, Section 6101.2, Permits, is amended as follows:

On line two, after the word “105.7” add “and the adopted LP Gas rules”.

IFC, Chapter 61, Section 6103.1, General, is deleted and rewritten as follows:

LP Gas equipment shall be installed in accordance with NFPA 54, NFPA 58, the adopted LP Gas rules, and the International Fuel Gas Code, except as otherwise provided in this chapter.

Insert in the IFC, before pg 437

IFC Chapter 61, Section 6109.12, Location of storage outside of buildings, is amended as follows:

In Table 6109.12, 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”.

IFC, Chapter 61, Section 6109.15.1, Automated Cylinder Exchange Stations, is amended as follows:

Item #4 is deleted.

IFC, Chapter 61, Section 6110.1, Temporarily out of service, is amended as follows:

On line two, after the word “discontinued,” add the words “for more than one year or longer as allowed by the AHJ”.

Insert in IFC, before page 441

IFC Chapter 80, Referenced Standards, is amended as follows:

Under the heading NFPA – National Fire Protection Association,
add Standard reference:

NFPA 96, Standard for Ventilation Control and Fire Protection of
Commercial Cooking Operations, 2011 edition.

Insert in IFC, before page 471