

**15A-5-101. Title -- Adoption of code.**

In accordance with Chapter 1, Part 4, State Fire Code Administration Act, the Legislature repeals the State Fire Code in effect on July 1, 2010, and adopts this chapter as the State Fire Code.

Enacted by Chapter 14, 2011 General Session

**15A-5-301. General provisions.**

The amendments and additions in this part to the NFPA are adopted for application statewide.

Enacted by Chapter 14, 2011 General Session

**15A-5-302. Amendments and additions to NFPA related to Automatic Fire Sprinklers Systems.**

- (1) NFPA 13, Installation of Sprinkler Systems, 2013 edition.
  - (a) NFPA13, Chapter 8, Section 15.22, System Subdivision, is deleted and rewritten as follows: "8.15.22 System Subdivision - Floor/Zone Control Valves. Individual floor/zone control valves shall be used at the riser at each floor for connections to piping serving floor areas in excess of 5,000 ft2."
  - (b) NFPA13, Chapter 8, Section 8.17.1.1, Local Waterflow Alarms, is amended by adding a new subsection as follows: "8.17.1.1.1 Single Tenant Occupancies. An approved audible / visual waterflow alarm (horn / strobe) shall be provided in the interior of the building, in a normally occupied location, to alert the occupants of the fire sprinkler system activation."
  - (c) NFPA13, Chapter 8, Section 8.17.1.1, Local Waterflow Alarms, is amended by adding a new subsection as follows: "8.17.1.1.2 Multi-Tenant Occupancies. An approved audible / visual waterflow alarm (horn / strobe) shall be provided in the interior of each tenant space, in a normally occupied location, to alert the occupants of the fire sprinkler system activation."
  - (d) NFPA13, Chapter 8, Section 8.17.1.1, Local Waterflow Alarms, is amended by adding a new subsection as follows: "8.17.1.1.3 Exterior Waterflow Alarm. An approved audible and visual waterflow alarm (horn/strobe) shall be provided on the exterior of the building in a location approved by the AHJ."
- (2) NFPA 13D, Installation of Sprinkler Systems in One- and Two-family Dwellings and Manufactured Homes, 2013 edition.
  - (a) NFPA13D, Chapter 7, Section 7.6 - Alarms, is amended by adding a new subsection as follows: "7.6.1 Exterior Waterflow Alarm. An approved audible and visual waterflow alarm (horn/strobe) shall be provided on the exterior of the building in a location approved by the AHJ."
  - (a) NFPA13D, Chapter 7, Section 7.6 - Alarms, is amended by adding a new subsection as follows: "7.6.2 Interior Alarm. An interior fire alarm notification appliances is also required to sound throughout the dwelling. An approved audible sprinkler flow alarm to alert the occupants of the dwelling in a normally occupied location when flow switch is activated must be provided."

- (3) NFPA, Standard 13R, Installation of Sprinkler Systems in Residential Occupancies up to and Including Four Stories in Height, 2013 edition.
- (a) NFPA13R, Chapter 6, Section 6.8, Valves, is amended by adding a new subsection 6.8.9, Floor/Zone Control Valves as follows: "6.8.9 Floor/Zone Control Valves. Individual floor/zone control valves shall be used at the riser at each floor for connections to piping serving floor areas in excess of 5,000 ft<sup>2</sup>."
- (b) NFPA13R, Chapter 6, Section 16, Alarms, is amended by adding a new subsection as follows: "6.16.1.1. Local Waterflow Alarms. An approved audible / visual waterflow alarm (horn / strobe) shall be provided in the interior of each residential unit / tenant space, in a normally occupied location, to alert the occupants of the fire sprinkler system activation."
- (c) NFPA13R, Chapter 6, Section 16, Alarms, is amended by adding a new subsection as follows: "6.16.1.2 - Exterior Waterflow Alarm: An approved audible and visual waterflow alarm (horn/strobe) shall be provided on the exterior of the building in a location approved by the AHJ."

**15A-5-303. Amendments and additions to NFPA related to National Fire Alarm Code.**

For NFPA 72, National Fire Alarm Code, 2013 edition:

- (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, ~~2010~~ 2013 edition."
- (2) NFPA 72, Chapter 10, Section ~~10.4.1~~ 10.5.1, System Designer, Subsection ~~10.4.1.1.2(2)~~ 10.5.1.1.2(2), is deleted and rewritten as follows: "National Institute of Certification in Engineering Technologies (NICET) fire alarm level II certified personnel."
- (3) NFPA 72, Chapter 10, Section ~~10.4.2~~ 10.5.2 System Installer, Subsection ~~10.4.2.2(2)~~ 10.5.2.2(2), is deleted and rewritten as follows: "National Institute of Certification in Engineering Technologies (NICET) fire alarm level II certified personnel."
- (4) NFPA 72, Chapter 10, Section 10.5.3 Inspection, Testing, and Maintenance Personnel, Subsection 10.5.3.1, 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, R710-11-3, Fire Alarm System Inspecting and Testing."
- ~~4~~ (5) NFPA 72, Chapter 10, Section ~~10.10~~ 10.13, Fire Alarm Signal Deactivation, Subsection ~~10.10.2~~ 10.13.2, 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."
- ~~(5)~~ NFPA 72, Chapter 10, Section ~~10.15~~, Protection of Fire Alarm System, is deleted 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)~~ In NFPA 72, Chapter 10, Section ~~10.15~~, a new Exception 1 is added as follows: "When ambient conditions prohibit installation of automatic smoke detection, automatic heat detection shall be permitted."

- (7 **5**) In NFPA 72, Chapter 23, Section 23.8.5.9, Signal Initiation -- Fire Pump, Subsection 23.8.5.9.3 is added as follows: "Automatic fire pumps shall be supervised in accordance with NFPA 20, Standard for the Installation of Stationary Pumps for Fire Protection, and the AHJ."
- (8 **6**) NFPA 72, Chapter 26, Section 26.3.4, Indication of Central Station Service, Subsection 26.3.4.7 is amended as follows: On line two, after the word "notified", insert the words "without delay".
- ~~(9) NFPA 72, Chapter 10, Section 10.4.3 Inspection, Testing, and Maintenance Personnel, Subsection 10.4.3.1, 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, R710-11-3, Fire Alarm System Inspecting and Testing."~~

~~15A-5-303~~ **15A-5-304**. Amendments and additions to NFPA related to manufacture, transportation, storage, and retail sales of fireworks.