

ARTICLE XIII FIRE PREVENTION CODE

Sec. 5-261. Adoption of Fire Prevention Code. *That a certain document, three copies of which are on file in the Office of the City Clerk of the City of Urbana, being marked and designated as the International Fire Code ~~2003~~ 2009 is hereby adopted as the Fire Prevention Code of the City of Urbana, in the State of Illinois; for the control of buildings and structures as herein provided; and each and all of the regulations, provisions, penalties, conditions and terms of said International Fire Code 2003 are hereby referred to, adopted and made a part hereof, with the additions, insertions, deletions and changes, if any, prescribed in Section 5-262.*

Sec. 5-262. Effect of State Law. *The adoption of the 2009 International Fire Code herein pursuant to home rule powers is not intended to negate any state statute on the same subject except insofar as this Article imposes a more stringent requirement or standard than does the state statute.*

Sec. 5-~~262~~263. Additions, Modifications and Deletions. *The following sections and subsections of the International Fire Code are amended or changed in the following respects.*

"Add" preceding a provision in this Section means that such provision is hereby added to and made a part of the International Fire Code ~~2003~~ 2009 as though fully set forth therein at the referenced Section.

"Delete" preceding a provision of this Section means that such provision deletes the referenced Section from the International Fire Code ~~2003~~ 2009.

"Amend" preceding a provision of this Section means that such provision amends the referenced Section of the International Fire Code ~~2003~~ 2009 to read as provided and that such provision is added to and made a part of such Code as though fully set forth at the referenced Section number.

Section F-101.1 "Title" is amended to read as follows:

Section F-101.1 Title. These regulations shall be known as the Fire Code of the City of Urbana, Illinois, hereinafter referred to as "this code."

Section F-101.2.1 "Appendices" shall be amended to read as follows:

Section F-101.2.1 Appendices: Provisions in the following appendices shall apply to this code.

Appendix B – Fire-Flow Requirements for Buildings
Appendix C – Fire Hydrant Locations and Distribution
Appendix D – Fire Apparatus Access Roads
Appendix E – Hazard Categories
Appendix F – Hazard Ranking

Section F-103.1 "General" is amended to read as follows:

Section F-103.1 General: The term "Code Official," as used in this code, shall refer to the Fire Code Official.

Section F- 105.1.1 entitled "Permits Required," is amended to read as follows:

Section F- 105.1.1 Permits Required: Permits shall be obtained from the Code Official according to the local adopting legislation. Inspection or permit fees shall be stipulated in the local adopting legislation. Permits shall, at all times, be kept in the premises designated therein, and shall be subject to inspection by the Code Official.

Section F- ~~405.1.4~~ 113.2 entitled "Schedule of Permit Fees," is ~~added~~ amended and reads as follows:

Section F- ~~405.1.4~~ 113.2 Schedule of Fees: Any person required to obtain more than one permit as set forth above to engage, at any specifically defined single location, in any business activity involving the handling, storage or use of hazardous substances, materials or devices; or to maintain, store or handle materials; or to conduct processes which produce conditions hazardous to life or property, or to install equipment used in connection with such activities, shall be required to pay the amount specified in Section 14-7 of the Urbana Code of Ordinances.

Section F-108.2 "Board of Appeals" shall be amended to read as follows:

108.2 Board of Appeals: All appeals shall be heard by the Building Safety Code Board of Appeals as referenced in the International Fire Code, 2009, as amended. Any person shall have the right to appeal to the Building Safety Code Board of Appeals from a decision of the Code Official. An application for appeal shall be based on a claim that the true intent of this Code or the rules legally adopted hereunder have been incorrectly interpreted, the provisions of this Code do not fully apply, or an equally good or better method of fire prevention is used. The application shall be filed on a form obtained from the Code Official within 15 days after the notice was served.

Section F- 109.3 entitled "Penalties for violation" is amended to read as follows:

Section F- 109.3 Penalties for Violations: Any person, firm or corporation violating any of the provisions of this Code or failing to comply with any order issued pursuant to any Section hereof, shall be subject to the following penalties. Upon conviction thereof shall be fined not less than one dollar (\$1.00) nor more than ~~five hundred~~ seven hundred and fifty dollars ~~(\$500.00)~~ (\$750) for each offense. Each day that a violation continues, after a service of notice, shall be deemed a separate offense.

Section F- ~~409.3.2~~ 109.4 entitled "Application for Appeal," is added and reads as follows:

Section F- ~~409.3.2~~ 109.4 Application for Appeal: Any person shall have the right to appeal to the Building Safety Code Board of Appeals from a decision of the Code Official. An application for appeal shall be based on a claim that the true intent of this Code or the rules legally adopted thereunder have been incorrectly interpreted, the provisions of this Code do not fully apply, or an equally good or better method of fire prevention is used. The application shall be filed on a form obtained from the Code Official within 15 days after the notice was served.

Section F-109.3.3 entitled "Board of Appeals," is added and reads as follows:

Section F- ~~109.3.3~~ Board of Appeals: All appeals shall be heard by the Building Safety Code Board of Appeals as referenced in the International Fire Code, 2003, as amended.

Section F-111.4 "Failure to comply" shall be amended as follows:

Section F-111.4 Failure to comply. Any person who shall continue any work after having been served with a stop work order, except such work as that person is directed to perform to remove a violation or unsafe condition, shall be liable to a fine of not less than one dollar (\$1.00) or not more than seven hundred and fifty dollars (\$750.00)

Section F-307.1 "General" shall be amended to read as follows"

Section F-307.1 307.1 General: The only open burning that shall be allowed without prior notification to the code official are highway safety flares, smudge pots and/or fires set by a public official in the performance of their duties, and recreational fires used for cooking provided the fires are in a device designed for cooking.

Section F-307.4.3 "Portable outdoor fireplaces" shall delete the "Exception" as follows:

Section 307.4.3 Exception: Portable outdoor fireplaces used at one- and two-family dwellings

Section F-404.2 "Where Required" shall amend # 8 to include certified University housing as follows:

Section F-404.2 Where Required: 8. Group R-2 college, university, and certified university housing buildings.

Section F-408.12 "Operator Responsibility" shall be added to read as follows:

Section F-408.12 Operator Responsibility: The operator or the person responsible for the operation of an assembly or educational occupancy shall check egress facilities before such building is occupied to determine compliance with this section. If such inspection reveals that any element of the required means of egress cannot be accessed, is obstructed, locked, fastened or otherwise unsuited for immediate utilization, admittance to the building shall not be permitted until necessary corrective action has been completed.

Section F- 506.1 entitled " Key Boxes Where Required," is ~~added~~ amended and reads as follows:

Section F- 506.1 Key Boxes Where Required: Approval of Fire Department key boxes shall be of an approved type and be installed in a location approved by the Urbana Fire Department in accordance with manufacturer's recommendations.

Section F-506.1.1 "Locks" shall be amended to read as follows:

Section F-506.1.1 Locks: An approved lock shall be installed on all non-motorized gates and similar barriers when required by the fire code official.

Section F-506.1.2 "New Construction" shall be added to read as follows:

Section F-506.1.2 New Construction: Key boxes shall be required on all new structures.

Exception: Single family and duplex structures are excluded.

Section F-506.1.3 "Existing Buildings": shall be added to read as follows:

Section F-506.1.3 Existing Buildings: A fire department key box shall be installed when access to or within the building or area is unduly difficult because of secured openings, or when buildings with a fire detection or suppression system are monitored by alarm companies with direct notification to the dispatch center or unsupervised local alarms, and where immediate access is necessary for life saving or fire fighting purposes.

Section F- 506.3 entitled "Key Box Contents," is added and reads as follows:

Section F- 506.3 Key Box Contents: Key boxes shall contain the following:

1. Keys to locked points of egress whether on the interior or exterior of such buildings.
2. Keys to locked mechanical rooms.
3. Keys to locked electrical rooms.
4. Keys to other areas as directed by the Assistant Chief of Fire Prevention and the Fire Chief.

Section F-506.4 “Motorized Gates” shall be added to read as follows:

Section F-506.4 Motorized Gates: All electrically operated gates or barriers used for vehicle access shall be equipped with siren operated sensor approved by the fire code official.

Section F-506.4.1 “Existing Gates” shall be added to read as follows:

Section F-506.4.1 Existing Gates: Properties with existing motorized gates or barriers used for vehicle access shall be equipped with siren operated sensors approved by the fire code official and shall have the siren operated sensors installed no later than July1, 2012.

Section F-802.1 entitled “Definitions” shall have “Open Porch” added as follows:

Section F-802.1 Definitions: “Open Porch” shall mean any part of a house or building that is not fully enclosed and shielded from the elements on all sides by roof and walls as determined by the fire code official.

Section F-809.1 “Outdoor Storage” shall be added to read as follows:

Section F-809.1 Outdoor Storage: No person shall place, use, keep, store, or maintain any upholstered furniture not manufactured for outdoor use, including, without limitation, upholstered chairs, upholstered couches, and any mattresses on any open porch, yard, or exterior area of structures, nor suffer or permit such to occur. This shall not apply during a lawful yard sale or garage sale while such furniture is offered for sale; nor shall it apply while such furniture is otherwise lawfully held for garbage collection.

Section F-901.8.1.1 entitled “Connection to Public Water System” is added and reads as follows:

Section F-901.8.1.1 Connection to Public Water System: Water meters and valves on fire service water mains, on the exterior of a building, where required by the water company, shall be located within a vault and the valves shall be locked in the open position. The locks shall be that of the Knox Company and shall be approved by the Fire Code Official. Thus, allowing the Urbana Fire Department the ability to maintain control of the valves. The vault used shall be equipped with a keyed lock and a key shall be kept in the required Knox Box for this property.

Section 902 entitled “Definitions,” is modified as follows:

The following definitions are added:

Automatic Fire-Extinguishing System is an approved system of devices and equipment which automatically detects a fire and discharges an approved fire-extinguishing agent onto or in the area of a fire.

Fire Chief means the Fire Chief of the Urbana Fire Rescue Services or said Fire Chief designee.

High-Rise Buildings shall mean buildings having occupied floors located more than four stories or 75 feet above the lowest level of fire department vehicle access.

Impaired Evacuation Capability, for the purpose of this Article, shall mean an occupant that cannot reliably evacuate a building in a timely manner because of that occupant’s physical and/or mental limitations or disabilities. The Fire Chief, or his/her designee, shall have the authority to determine whether a person is an occupant with an impaired evacuation capability as defined herein, and to conduct a timed evacuation drill to determine the extent to which an apartment building may contain occupants with impaired evacuation capabilities as defined herein.

Institutional Group “I” occupancy includes among others, the use of a building or structure, or a portion thereof, in which people having physical limitations because of health or age are harbored for medical treatment or other care or treatment, or in which people are detained for penal or correctional purposes or in which the liberty of occupants is restricted.

Residential Group “R2” Apartment. A building, or portion of a building, containing more than two dwelling units where the occupants are primarily permanent residents.

Residential Group “R2” Dormitory. A building, or portion of a building, where group sleeping accommodations are provided for more than 16 persons who are not all members of the same family, in one room or a series of closely associated rooms, under joint occupancy and single management, with or without meals, but without individual cooking facilities. Examples of dormitories are college dormitories; fraternity and sorority houses; and military barracks.

Section 903.4.2.1 is added to read as follows:

903.4.2.1 Alarm and Sprinkler System Monitoring.

Any required Automatic Alarm and/or Automatic Sprinkler system where supervision of the system is required, shall notify the Urbana Fire Department immediately if the system’s monitoring is terminated for any reason. Such immediate notification to the Urbana Fire Department shall be made from the monitoring agency directly to the Urbana Fire Department by telephone with a follow up written notification either by email or the US Postal service.

Section F-903.6.3 “Group R-2 Dormitories, Fraternities and Sororities” shall be added to read as follows:

Section F-903.6.3 Group R-2 Dormitories, Fraternities and Sororities: An automatic sprinkler system shall be provided throughout Group R-2 occupancies where required in Chapter 46.

Section F-905.1 “Standpipes-General” shall be amended as follows:

905.1 Standpipes-General. Standpipe systems shall be provided in new and existing buildings and structures in accordance with this section. Fire hose threads used in connection with standpipe systems shall be approved and shall be compatible with fire department hose threads. The location of fire department hose connections shall be approved by the Fire Code Official. In buildings used for high-piled combustible storage, fire protection shall be in accordance with Chapter 23.

Section F- ~~907.20.6~~ 907.10 entitled "False Alarm," is added ~~and to~~ read as follows:

Section F- ~~907.20.6~~ 907.10 False Alarm: False alarm means an alarm signal eliciting a response by the Fire Department when a situation requiring a response by the Fire Department does not in fact exist. False alarm does not include an alarm signal caused by violent conditions of nature or other extraordinary circumstances not reasonably subject to control by the alarm business operator or alarm user. Alarms resulting from the following conditions are not considered false alarms:

1. Criminal activity or unauthorized entry.
2. Earthquake causing structural damage to the protected premises.
3. High winds sufficient to activate detection system or causing physical damage to the protected premises.
4. Flooding of the related premises due to overflow of natural drainage.
5. Lightning causing physical damage to protected premises.
6. Telephone line malfunction verified in writing to the Fire Department by at least a first line telephone company supervisor.
7. Electrical service interruption verified in writing to the Fire Department by the local power company.
8. Communication to METCAD or a Fire Department before a unit is dispatched to investigate clearly indicating that the alarm resulted from an authorized system test or other noncriminal cause.

9. An alarm caused on the reasonable but mistaken belief that a fire or medical emergency is in progress.

Section F- ~~907.20.7~~ 907.10.1 entitled "Excessive False Alarm and Assessment," is added and reads as follows:

Section F- ~~907.20.7~~ 907.10.1 Excessive False Alarm and Assessment:

1. If any alarm system produces four false alarms in any calendar year, the Code Official shall provide written notice of the fact, which shall be given by certified mail or delivery to the owner or responsible party requiring them to take corrective action in regard to false alarms and informing the owner or occupant of the false alarm fee schedule provided herein.
2. Owner or responsible parties installing a new system or making substantial modifications to any existing system shall be entitled to a grace period during which alarms generated by such system shall be deemed nonfalse alarms. The grace period shall cease 30 days after installation of or modification to an alarm system.
3. Upon any alarm system producing five or more false alarms in a calendar year, a fee of five-hundred dollars (\$500.00) per false alarm shall be charged to the owner or responsible party.

Section F-~~907.1.3~~ F-907.7.6 entitled "Local Alarm Signs," is added and reads as follows:

Section F-~~907.1.3~~ F-907.7.6 Local Alarm Signs: Local fire alarm systems shall be equipped with signs stating "When Alarm Sounds, Call 9-1-1." Sign shall be installed in a location to be determined by the Urbana Fire Department.

Section ~~914~~ F-915 entitled "Fire Protection Systems for Existing Buildings," is added and reads as follows:

Section ~~914~~ F-915 Fire Protection Systems for Existing Buildings:

Section ~~914.1~~ F-915.1 General. This section shall govern the requirements for Fire Protection Systems in existing buildings.

Section ~~914.2~~ F-915.2 High-Rise Buildings. High-rise buildings shall be protected throughout by an approved, automatic fire-extinguishing system in accordance with this Section.

Section ~~914.3~~ F-915.3 Use Group R2 Buildings with Sixteen or More Dwelling Units. Use group R2 buildings with 16 or more dwelling units, each of which has one or more occupants who have impaired evacuation capabilities, as defined by this Chapter, shall be equipped with an approved automatic fire-extinguishing system in accordance with this Chapter.

Section ~~914.4~~ F-915.4 Use Group R2 Dormitories. Use group R-2 dormitories shall be equipped with an approved automatic fire-extinguishing system in accordance with this Section.

Section ~~914.5~~ F-915.5 Completion Date. Any existing building required to have an automatic fire-extinguishing system by the requirements of this Section shall be protected in its entirety by an approved automatic fire-extinguishing system within five years of the adoption of this Ordinance.

Section F-1008.1.9.3 "Locks and Latches" shall be amended to read as follows:

Section F-1008.1.9.3 Locks and Latches: Remove Exception number 2.

Section F-1022.8 "Floor Identification Signs" shall be amended to read as follows:

Section F-1022.8 Floor identification signs: A sign shall be provided at each floor landing in exit enclosures connecting more than three stories designating the floor level, the terminus of the top and

bottom of the exit enclosure and the color code identification of the stair or ramp. The signage shall also state the story of, and the direction to the exit discharge and the availability of roof access from the enclosure for the fire department. The sign shall be located inside the exit enclosure, centered 5 feet (1524 mm) above the floor landing in a position that is readily visible when the doors are in the open and closed positions. An additional sign stating the floor number and stair color shall be located on the occupant side of the exit enclosure. Signage shall meet the requirements set forth by the current Illinois Accessibility Code.

Section F-1022.8.1 "Signage Requirements" shall be amended to read as follows:

Section F-1022.8.1 Signage requirements. Stairway identification signs shall comply with all the following requirements:

1. The signs shall be a minimum size of 18 inches (457mm) by 12 inches (305mm).
2. The letters designating the identification of the stair enclosure shall be a minimum 1½ inches (38mm) in height.
3. The number designating the floor level shall be a minimum of 5 inches (127 mm) in height with a stroke width of 0.5 inch (12.7mm) and located in the center of the sign.
4. All other numbers and letters shall be 1 inch high (25.4mm).
5. Characters and their background shall have a nonglare finish. Characters shall contrast with their background.
6. The stairway identification sign shall have an indentifying background color; Red, Green, Yellow, Blue, and White and colors listed shall run clockwise starting at the address side of the building as approved by the Fire Department. The background color shall be written on the sign.
7. When signs required by section 1022.8 are installed in interior exit the same material as required by Section 1024.4 shall be used.

Section F-2206.2.3.1 entitled "New Above-Ground Tanks Located Outside, Above Grade," is added and reads as follows:

Section F-2206.2.3.1 New Above-Ground Tanks Located Outside, Above Grade: New above ground storage tanks shall conform to the following requirements:

1. Above ground tanks may be installed at the following facilities under the following circumstances:
 - A. agricultural storage, which is limited to farms, tree nurseries, fish farms, tree farms, sod farms or orchards;
 - B. storage at commercial, industrial, governmental or manufacturing establishments for fueling vehicles used in connection with their business; and
 - C. storage at construction sites for refueling construction equipment;
2. Dispensing at the facilities specified in Sections F2206.2.3.1 A,B,C shall only be in accordance with the following:

- A. after an inspection of the premises and operations has been made and approval granted by the Code Official (approval shall be granted if curb pumps are not present and if pumps are not located in any portion of a public roadway);
- B. the dispensing is done on premises not open to the public;
- C. the tanks are safeguarded against collision, spillage or overfill to the satisfaction of the authorities having jurisdiction;
- D. each tank system is listed or approved for such aboveground use by the Office of the State Fire Marshal; in granting such approval, the Code Official shall consider the following elements: leaks, compatibility of the tank and line with the product contained in the tank, whether any equipment has been recalled by the manufacturer, whether wiring at the dispensing location is in a rigid metal conduit within a radius of 30 feet and is otherwise in compliance with the National Electric Code (NFPA 70) and whether the dispensing location has seal-offs at all connections;
- E. a top-fill opening shall be provided and shall be equipped with a closure designed so that it may be locked;
- F. a vent shall be provided to relieve such vacuum or pressure as will develop in normal operation; such vent shall have a minimum unobstructed opening of one and one-half inches in diameter and the vent shall be elevated to a height of at least four feet (unless directed in writing by the Code Official to a greater height, based on construction characteristics of the tank and fire safety considerations) or in which approval in writing for a lower height is granted by the Code Official, such approval to be based upon construction characteristics of the tank in question or unique physical conditions prevent a vent of that height from being installed;
- G. tanks shall be equipped with a permanently connected pumping device listed by Underwriters Laboratories (UL) (as printed on Page 4 of the Fire Protection Equipment Directory published by Underwriters Laboratories, January, 1988 (no subsequent dates or editions)) or FM Engineering (as printed on Page ii of the Factory Mutual System Approval Guide 1989 published by Factory Mutual Research Corporation, 1989 (no subsequent dates or editions)); the pump shall be equipped with a padlock to prevent tampering; an antisiphoning device shall be included in the pump discharge, and siphons or internal pressure discharge devices, are prohibited; and gravity method of discharge is prohibited;
- H. tanks for the storage of flammable or combustible liquids shall be marked with the name of the product which they contain and "FLAMMABLE - KEEP FIRE AND FLAME AWAY", both in letters at least four inches high and in contrasting color from the tank on which they are marked;
- I. a maximum of two aboveground tanks per facility of up to 2,500 gallons each shall be allowed for storage of flammable or combustible liquids, provided such liquid is stored outside buildings in tank(s) constructed throughout of steel and made vapor tight (as determined by such tests as a pressure test and volumetric test); tanks shall be designed and constructed according to standards specified in 41 IL Adm. Code 160.15, 160.70-160, 160.80-240; and
- J. tanks as provided in this subsection shall be kept outside and at least 30 feet from any building, or combustible or flammable stored liquids, liquid petroleum and shall be so located or such additional distance to buildings shall be provided to insure that no vehicle, equipment or vessel being filled directly from any such tank shall be closer than 30 feet to any building, combustible or flammable stored liquid, liquid petroleum (LP) gas tank or property lines, except that a tank protected within a two-hour fire resistant enclosure (the

time, in minutes or hours, that materials or assemblies have withstood a fire exposure as established in accordance with the test procedures of NFPA 251, Standard Methods of Fire Tests of Building Construction and Materials, 1985 (or subsequent dates or editions)) may be located adjacent to a structure after a request in writing to construct such an enclosure has been submitted to the Office of the State Fire Marshal, and the Office has issued an acknowledgement in writing.

Section F- 2703.6.1 entitled "NFPA 704 Label Specifications," is added and reads as follows:

Section F-2703.6.1 NFPA 704 Label Specifications: Labels when required shall be labeled as follows:

	TOTAL SIZE OF FOUR LABELS	EACH COLORED LABEL	HEIGHT OF NUMBERS	WIDTH OF NUMBERS	THICKNESS OR STROKE
ON BUILDING	30 square inches	15 square inches	9 inches	4.2 inches	15/16 inches
OUTSIDE TANK	20 square inches	10 square inches	6 inches	2.8 inches	5/6 inches
INSIDE TANK	15 inches	7.5 inches	4 ½ inches	2.1 inches	15/32 inches

All letters and numbers shall be reflective. Building labels shall be placed at a minimum of ten feet and not more than 12 feet from the ground.

The building label shall be placed on the front of the building. Additional building or tank label placement decisions to be determined by the Code Official. These signs shall be classified as official signs under the provisions of Section IX-5 of the Urbana Zoning Ordinance.

SECTION F- 3301.3 Fireworks 3302.1 Definitions

Section F-3301.1.3 entitled "Definition," is added and reads as follows:3302.1 Definitions "Fireworks" shall be amended to read as follows:

Section F-3301.1.3 Definition: Fireworks shall mean and include any combustible or explosive composition, or any substance or combination of substance or article prepared for the purpose of producing a visible or an audible effect by combustion, explosion, deflagration or detonation; and shall include blank cartridges, toy pistols, toy cannons, toy canes or toy guns in which explosives are used; the type of balloons which require fire underneath to propel the same; firecrackers; torpedoes; skyrockets; Roman candles; dago bombs; sparklers; smoke bombs; snakes or other devices of like construction which are ignited by a match, lighter or similar open flame device and any device containing any explosive or flammable compound, or any tablets or other devices containing any explosive substance, except that the term "Fireworks" shall not include auto flares, paper caps containing not in excess of an average of .25 grain (16.2 mg) of explosive content per cap, and toy pistols, toy canes, toy guns or other devices for use of such caps, the sale and use of which shall be permitted at all times; provided; however, that items that are less than 0.25 grain (16.2 mg) of explosive substance, including but not limited to smoke bombs, snakes, and items which are ignited by a match, lighter or similar open flame devices shall be considered fireworks; the sale, storage and display of which shall be prohibited.

Section F-3302.1 Definitions "Fireworks": The term fireworks shall mean and include any explosive composition or any substance or combination of substances, or article prepared for the purpose of

producing a visible or audible effect of a temporary exhibitional nature by explosion, combustion, deflagration or detonation, and shall include blank cartridges, toy cannons in which explosives are used, the type of balloons which require fire underneath to propel the same, firecrackers, torpedoes, sky rockets, Roman candles, bombs or other fireworks of like construction and any fireworks containing any explosive compound; or any tablets or other device containing any explosive substance, or containing combustible substances producing visual effects. The term "fireworks" shall not include snake or glow worm pellets; smoke devices; sparklers; trick noisemakers known as "party poppers", "booby traps", "snappers", "trick matches", "cigarette loads" and "auto burglar alarms"; toy pistols, toy canes, toy guns, or other devices in which paper or plastic caps containing twenty-five hundredths grains or less of explosive compound are used, provided they are so constructed that the hand cannot come in contact with the cap when in place for the explosion; and toy pistol paper or plastic caps which contain less than twenty-five hundredths grains of explosive mixture; the sale and use of which shall be permitted at all times.

Section F-4603.4 "Sprinkler Systems" shall be amended to read as follows:

Section F-4603.4 Sprinkler systems. An automatic sprinkler system shall be provided in existing building in accordance with Section 4603.4.1 through 4603.4.3.

Section F-4603.4.3 "R-2 Dormitories, Fraternities and Sororities" shall be added to read as follows:

Section F-4603.4.3 R-2 Dormitories, Fraternities and Sororities. An automatic sprinkler system shall be provided throughout existing Group R-2 Dormitories, Fraternities and Sororities which have congregate living facilities with 16 or greater occupants.

Section F-4603.7.1 "Where Required" shall be amended to read as follows:

Section F-4603.7.1 Where required. Existing Group R occupancies and dwellings not classified as Group R occupancies not already provided with single-station smoke alarms shall be provided with single-station smoke alarms. Installation shall be in accordance with Section 907.2.11, except as provided in Section 4603.7.2 and 4603.7.3.