

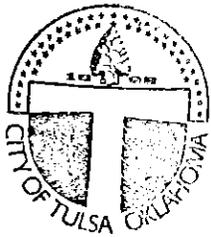
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13-310-1

The City Clerk of the City of Tulsa, OK,
 a Municipal Corporation, hereby certifies
 that the foregoing is a true and correct
 copy of attachment herewith set out as (Published in the Tulsa Business
 appears of record in the City Clerk's Office, and Legal News,
 175 E 2nd Street, Suite 260, Tulsa, OK,
 this 28th day of February, 2014
 by Harrell K. Hill JAN. 22, 2014
 Deputy City Clerk

Ordinance No. 23013



AN ORDINANCE AMENDING TITLE 14, TULSA REVISED ORDINANCES, THE FIRE PREVENTION CODE OF THE CITY OF TULSA, OKLAHOMA; AMENDING SECTION 105.7 TO RENUMBER CODE REFERENCES MADE THEREIN; RENUMBERING SECTIONS 105.7.3 AS 105.7.5, 106.2.1 AS 106.2.3, 308.3.1 AS 308.1.4, 508.4 AS 507.4, 907.2.10.5 AS 907.2.11.5; AMENDING REFERENCES TO A BOARD OF APPEALS BY REPLACING THE BUILDING, HOUSING AND FIRE PREVENTION APPEALS BOARD AND VESTING AUTHORITY IN THE BOARD OF APPEALS AS CREATED IN TITLE 51, TULSA'S REVISED ORDINANCES, CHAPTER 1; AMENDING CODE REFERENCES IN SECTION 803.5.1 AND SECTION 901.6.3; AMENDING SECTIONS 901.3.1 AND 901.3.2 TO ELIMINATE UNINTENDED REFERENCE TO THE OKLAHOMA STATE BOARD OF HEALTH FROM EACH SECTION; AMENDING SECTION 904.11.6.1 TO PROVIDE FOR EXISTING AUTOMATIC FIRE-EXTINGUISHING SYSTEMS; REPEALING ALL ORDINANCES OR PARTS OF ORDINANCES IN CONFLICT HEREWITH; PROVIDING FOR SEVERABILITY; AND DECLARING AN EMERGENCY.

BE IT ORDAINED BY THE CITY OF TULSA:

Section 1. That Title 14, Tulsa Revised Ordinances, Chapter 1 be and the same is hereby amended to read as follows:

"TITLE 14 FIRE PREVENTION CODE

Chapter 1. ICC International Fire Code, 2009 Edition, adopted

CHAPTER 1. ICC INTERNATIONAL FIRE CODE, 2009 EDITION, ADOPTED

Section 100. Adoption of the ICC *International Fire Code, 2009 Edition.*

Section 101. Amendments to the ICC *International Fire Code, 2009 Edition.*

Section 100. Adoption of the ICC *International Fire Code, 2009 Edition.*

A certain document, three (3) copies of which are on file in the office of the City Clerk of the City of Tulsa, Oklahoma, being marked and designated as the *ICC International Fire Code, 2009 Edition*, as published by the International Code Council, Inc., hereinafter the "Fire Code" or the "Fire Prevention Code" is hereby adopted for the purpose of safeguarding life and property from fire and explosion hazards by regulating the storage, handling and use of hazardous substances,

materials and devices and conditions related to the occupancy of buildings and premises in the City of Tulsa, as herein provided. Each and all of the regulations, provisions, penalties, terms and conditions of the *ICC International Fire Code, 2009* Edition, are hereby referred to, adopted and made a part hereof as if fully setout in this chapter with the amendments thereto, prescribed in Section 101 of this chapter.

Ord. No. 20044, 20824, 21805

Section 101. Amendments to the *ICC International Fire Code, 2009*

The following sections of the *ICC International Fire Code, 2009* Edition are hereby added, deleted or amended to read as follows:

101.1 Title-Amendatory. These regulations shall be known and may be cited as the "Fire Prevention Code of the City of Tulsa," hereinafter referred to as the "Fire Code" the "Fire Prevention Code" or "this code."

102.6.1 Reference Revisions to this Code-Added. The following revisions to referenced codes and standards contained in *ICC International Fire Code, 2009* Edition are adopted:

All electrical work shall comply with the Electrical Code of the City of Tulsa, Title 52, Tulsa Revised Ordinances, and all references in this code to the "*ICC Electrical Code*" or "Electrical Code" shall be replaced with the *National Electrical Code (NEC)*, *National Fire Protection Association (NFPA) Standard Reference Number 70 (NFPA 70)* or the Electrical Code of the City of Tulsa, Title 52, Tulsa Revised Ordinances, as amended.

103.1 Enforcement Agency-Amendatory. The term "department of fire prevention," as used within the *ICC International Fire Code* shall mean the Office of the Fire Marshal of the Fire Department of the City of Tulsa. The "*fire code official*" as used in this code shall be the Fire Marshal. It shall be the duty and responsibility of the Fire Marshal to implement, administer and enforce the provisions of this code.

103.2.1 Appointment-Amendatory. The Office of the Fire Marshal shall be appointed in the manner specified in Article XI of the Charter of the City of Tulsa.

103.2.2 Peace Officer-Added. The *fire code official* and the official's designated assistants may be deemed peace officers with full power to execute legal process, administer oaths, subpoena witnesses and make arrests within the City of Tulsa, to the same extent that police officers of the City of Tulsa are authorized to do so under the ordinances of the City and the laws of the state of Oklahoma.

104.12 Fires and Explosions, Entering Premises-Added. The *fire code official* shall have the authority, when necessary in the performance of duties imposed by this code, to enter any building, or any connected premises, where any fire or explosion has recently occurred, to examine it. The *fire code official* may also enter other buildings and premises adjoining or in close proximity to investigate any such fire or explosion, provided that all

entries shall be conducted consistent with the constitution and laws of the state of Oklahoma and the United States.

104.13 Suspicious Fires or Explosions-Added. The *fire code official*, in the course of any investigation of a fire or explosion, may cause to be taken the sworn testimony of any person cognizant of any relevant facts and have it reduced to writing. If the *fire code official* shall determine that there is probable cause to charge any person with the crime of arson, attempted arson, or of causing or attempting to cause any unlawful fire, or should the *fire code official* have probable cause to believe that any person has committed a criminal offense in connection with any fire, then it shall be the *fire code official's* duty to cause such person to be arrested and charged with any such offenses. The *fire code official* shall furnish to the prosecuting authority all evidence, facts, and circumstances, together with the identity of all material witnesses and any sworn testimony, which was discovered during the investigation.

105.6 Required Operational Permits-Amendatory. The *fire code official* is authorized to issue operational permits for the operations set forth in Sections 105.6.1 through 105.6.51 of this code. For each operational permit issued pursuant to Sections 105.6.1 through 105.6.51 of this code, the permit fee(s) shall be as provided in Title 49, Tulsa Revised Ordinances, Chapter 14.

105.6.16.1 Flammable and Combustible Liquids-Added. An operational permit shall be required for the removal or closure of any flammable or combustible liquid, above or below ground storage tank.

105.6.30 Open Burning-Amendatory. It shall be unlawful and a misdemeanor offense for any person to kindle or maintain an open fire or a fire on any public street, alley, road, or other public or private ground within the corporate limits of the City of Tulsa, without first having procured an operational permit from the *fire code official*. Instructions and stipulations prescribed in the permit shall be strictly adhered to.

Exception: Recreational fires.

105.6.34.1 Places of Assembly and Occupant Load Sign-Added. An approved Occupant Load sign shall be required to operate a place of assembly.

105.6.47 Security Gates-Added. An operational permit shall be required for all security gates installed across a fire apparatus access road and regulated by Section 503.6 of this code.

105.6.48 Key Boxes Where Immediate Access Necessary-Added. An operational permit shall be required for each key box required and regulated by Section 506 and Section 607 of this code.

105.6.49 Fire Protection System Installation Licenses-Added. For each firm or individual fire protection system license applied for pursuant to Section 901.1.1 of this

code, the applicant shall pay all required fees provided in Title 49, Tulsa Revised Ordinances, Chapter 14.

105.6.50 State or Federal License Inspection-Added. Any inspection performed by the *fire code official* pursuant to state or federal licensing requirements shall be subject to the payment of all applicable fees provided in Title 49, Tulsa Revised Ordinances, Chapter 14.

105.6.51 Training for Employees in Private Enterprises-Added. All fire safety and fire protection training provided by the Tulsa Fire Department to employees working for a private business entity shall be subject to a fee assessed as provided in Title 49, Tulsa Revised Ordinances, Chapter 14.

105.7 Required Construction Permits-Amendatory. The *fire code official* is authorized to issue construction permits for work as set forth in Sections 105.7.1 through 105.7.14 of this code. For each construction permit issued pursuant to Sections 105.7.1 through 105.7.14 of this code, the permit fee(s) shall be as provided in Title 49, Tulsa Revised Ordinances, Chapter 14.

105.7.1 Automatic Fire-extinguishing Systems-Amendatory. A construction permit is required for installation of or modification to an automatic fire-extinguishing system. Maintenance performed in accordance with this code is not considered a modification and does not require a permit.

Exception: Maintenance requiring the replacement of over 20 heads will require a construction permit.

105.7.5 Fire Alarm and Detection Systems and Related Equipment-Amendatory. A construction permit shall be required for the installation of or modification to fire alarm and detection systems and related equipment. Maintenance performed in accordance with this code shall not be considered a modification and shall not require a permit.

Exception: Maintenance requiring the replacement of over 20 fire alarm devices or the replacement of the fire alarm panel shall require a construction permit.

106.2.3 Self-Inspection-Added. Any person, firm, corporation or limited liability company, which has been determined by the Fire Marshal to have a statistically lower risk of suffering a fire hazard and is designated to self-inspect their facilities shall complete a self-inspection, make all necessary corrections and notify the Fire Marshal's office within 30 days of the date postmarked on the envelope mailed to the self-inspection recipient. Any fees related to this self-inspection or the failure to conduct a self-inspection shall be paid as provided in Title 49, Tulsa Revised Ordinances, Chapter 14.

107.6 Overcrowding Unlawful and an Offense-Amendatory.

1. It shall be unlawful and a misdemeanor offense for any owner, occupant, or the owner or occupant's managing agent or employee to allow the overcrowding or admittance of any person beyond the approved occupant capacity of a building or a portion thereof. The *fire code official*, upon finding any overcrowding conditions or obstructions in aisles, passageways or other means of egress, or upon finding any condition, which constitutes a life safety hazard, shall be authorized to cause the event or occupancy to cease and desist until such condition or obstruction is corrected.
2. Any person, firm, corporation or limited liability company convicted of a violation of this code shall be guilty of a misdemeanor offense and shall be punished by a fine of not more than \$1,200.00, excluding costs, fees and assessments, or by imprisonment for a period not exceeding 90 days, or by both such fine and imprisonment. Each person present in the building or a portion thereof in excess of the posted or genuine calculated maximum *occupant load* shall be deemed a separate offense.

108.1 Appeals to the Board of Appeals-Amendatory. In order to hear and decide appeals of orders, decisions or determinations made by the *fire code official* relative to the application and interpretation of this code, there shall be a Board of Appeals as created and regulated in the Building Code of the City of Tulsa, Title 51, Chapter 1, Tulsa Revised Ordinances. The *fire code official* shall be an *ex officio* member of the Board but shall have no vote on any matter before it.

108.3 Qualifications-Deleted. Section 108.3 of the *ICC International Fire Code* is intentionally deleted from this code.

108.4 Appeals to the Board of Appeals-Added. The Board of Appeals as established by Title 51, Chapter 1, Tulsa Revised Ordinances, shall hear all appeals from decisions of the *fire code official* and shall interpret the provisions of this code whenever a dispute arises as to the meaning or intent of any provision. Appeals to the Board shall be governed by Title 51, Chapter 1, Tulsa Revised Ordinances, provided that for any appeal filed regarding the application or interpretation of this code, wherever the term "code official" is used, it shall mean the "*fire code official*" as used in this code.

109.2.2.1 Failure to Comply with Notice of Violation-Added. It shall be unlawful and a misdemeanor offense for any owner, operator, occupant, or other person responsible for the condition or violation to fail to comply with any notice of violation. Any person, firm, corporation or limited liability company convicted of a violation of this Section 109.2.2.1 of this code shall be guilty of a misdemeanor offense and shall be punished by a fine of not more than \$500.00, excluding costs, fees and assessments, or by imprisonment for a period not exceeding 90 days, or by both such fine and imprisonment. Each day, or portion thereof, during which the failure to comply with the notice of violation is allowed to continue shall be deemed a separate offense.

109.3 Violation of Fire Code Penalty-Amendatory. It shall be unlawful and a misdemeanor offense for any person, firm, corporation or limited liability company to violate any of the provisions of this code, fail to comply with any of the requirements thereof, or to erect, install, repair, alter or do any work in violation of approved construction documents or the directive of the fire code official, or of a permit or certificate issued under provisions of this code. Any person, firm, corporation or limited liability company convicted of a violation of this code shall be guilty of a misdemeanor offense and shall be punished by a fine of not more than \$500.00, excluding costs, fees and assessments, or by imprisonment for a period not exceeding 90, or by both such fine and imprisonment. Each day, or portion thereof, during which a violation is committed, continued or permitted shall be deemed a separate offense.

111.4 Failure to Comply-Amendatory. It shall be unlawful and a misdemeanor offense for any person, firm, corporation or limited liability company to 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. Any person, firm, corporation or limited liability company convicted of a violation of this section shall be guilty of a misdemeanor offense and shall be punished by a fine of not more than \$500.00, excluding costs, fees and assessments, or by imprisonment for a period not exceeding 90 days, or by both such fine and imprisonment. Each day, or portion thereof, during which a violation is committed, continued or permitted shall be deemed a separate offense.

202 General Definitions

R-1-Amendatory. Residential occupancies containing sleeping units where the occupants are primarily transient in nature including:

- Boarding houses (transient)

- Hotels (transient)

- Motels (transient)

Congregate living facilities (transient) with 10 or fewer occupants are permitted to comply with the construction requirements for Group R-3, except as otherwise provided for in this code, or shall comply with the *International Residential Code*, 2009 Edition, provided the building is protected by an automatic sprinkler system installed in accordance with Section 903.2.8.

R-2-Amendatory. Residential occupancies containing sleeping units or more than two dwelling units where the occupants are primarily permanent in nature, including:

- Apartment houses

- Boarding houses (non-transient)

- Convents

- Dormitories

- Fraternities and sororities

- Hotels (non-transient)

- Live/Work units

- Monasteries

- Motels (non-transient)

Vacation timeshare

Congregate living facilities with 16 or fewer occupants are permitted to comply with the construction requirements for Group R-3, except as otherwise provided for in this code, or shall comply with the *International Residential Code*, 2009 Edition, provided the building is protected by an automatic sprinkler system installed in accordance with Section 903.2.8.

308.1.4 Outdoor Cooking and Open Flame Devices-Amendatory. It shall be unlawful and a misdemeanor offense for any person to operate any charcoal, electric or gas grill, or any other electric or open flame device, on combustible balconies, or within ten (10) feet of combustible construction.

Exceptions:

1. One- and two-family dwellings.
2. Where buildings, balconies and decks are protected by an automatic sprinkler system.
3. LP-gas cooking devices having LP-gas container with a water capacity not greater than 2 ½ pounds [nominal 1 pound (0.454 kg) LP-gas capacity].

503.6 Security Gates-Amendatory. The installation of security gates across a fire apparatus access road shall be approved by the *fire code official*. Where security gates are installed, they shall have an approved means of emergency operation. The security gates and the emergency operation shall be maintained operational at all times.

507.4 Water Supply Test-Amendatory. The Public Works Department, Distribution Systems Section shall be notified prior to the water supply test. Water supply tests shall be witnessed by a representative of the Public Works Department; Distribution Systems Section or approved documentation of the test shall be provided to the fire code official prior to final approval of the water supply system.

508.1.3 Size-Amendatory. The *fire command center* shall be a minimum of 200 square feet (19 m²) in area with a minimum dimension of 10 feet (3048 mm).

Exception: When approved by the fire code official the fire command center can be reduced in size to not less than a minimum of 96 square feet (9 m²) with a minimum dimension of 8 feet (2438 mm).

508.5.1.1 Fire Hydrant Installation-Added. Fire hydrants shall be installed according to specifications required by City of Tulsa Public Works Department.

508.5.1.2 Fire Hydrant Color-Added. All fire hydrants on the public water distribution system shall be federal yellow in color. All other fire hydrants shall be red in color.

604.5 Emergency Lighting Equipment-Added. Emergency lighting shall be inspected and tested in accordance with Sections 604.5.1 through 604.5.2.1

604.5.1 Activation Test-Added. An activation test of emergency lighting equipment shall be completed monthly. The activation test shall ensure the emergency lighting activates automatically upon normal electrical disconnect and stays sufficiently illuminated for a minimum of 30 seconds.

604.5.1.1 Activation Test Record-Added. Records shall be maintained on the premises for a minimum of three years and submitted to the *fire code official* upon request. The record shall include the location of the emergency lighting tested, whether the unit passed or failed, the date of the test, and the person completing the test.

604.5.2 Power Test-Added. For battery powered emergency lighting, a power test of the emergency lighting equipment shall be completed annually. The power test shall operate the emergency lighting for a minimum of 90 minutes and shall remain sufficiently illuminated for the duration of the test.

604.5.2.1 Power Test Record-Added. Records shall be maintained on the premises for a minimum of three years and submitted to the *fire code official* upon request. The record shall include the location of the emergency lighting tested, whether the unit passed or failed, the date of the test, and the person completing the test.

604.6 Supervision of Maintenance and Testing-Amendatory. Routine maintenance, inspection and operational testing shall be overseen by a properly instructed individual.

607.4.1 Fire-Fighter Service Keys-Added. Fire-fighter service keys shall be kept in a lock box at an approved location in the elevator lobby, not more than 10 feet from any elevator and shall be available for immediate use by firefighting and rescue personnel. Keys shall be clearly marked as elevator keys and shall be identified for the specific elevator for which they work. Instructions for the operation of the elevator(s) shall be type-set on a plastic encased card and kept with the elevator keys.

Exception: Fire-fighter service keys shall be kept in a lock box at an approved location on the exterior and not more than 10 feet from the main entrance to a building provided that prominently marked keys or access codes to the building are also provided.

607.5 Referenced Standard-Added. All existing elevators and escalators shall conform to *American Society of Mechanical Engineers (ASME) Standards*, Reference Numbers A17.1, A17.3, and *International Code Council, Inc. (ICC) Standards* Reference Number A117.1. Altered elements of existing elevators shall comply with ASME A17.1 and ICC A117.1. Such elements shall also be altered in elevators programmed to respond to the same hall call control as the altered elevator.

Exceptions:

1. ASME A17.1, Section 8.6.5.8 Safety Bulkhead, Section 8.6.8.3.3. The escalator step skirt performance Section 8.7.2.27.5(e) Car over speed protection and unintended movement protection.
2. ASME A17.3, Section 1.5 Alterations/Maintenance, and Inspections and Test.

607.6 Elevator Maintenance-Added. In buildings equipped with passenger elevators, at least one elevator shall be maintained in operation at all times the building is occupied.

Exception: Buildings equipped with only one (1) elevator shall be permitted to have the elevator temporarily out of service for testing or servicing.

803.5.1 Textile Wall Coverings - Amendatory. Textile wall coverings shall comply with one of the following:

1. The coverings shall have a Class A flame spread index in accordance with either ASME E 84 or UL 723 and be protected by automatic sprinklers installed in accordance with Section 903.3.1.1 or 903.3.1.2.
2. The covering shall meet the criteria of Section 803.5.1.1 or 803.5.1.2 when tested in the manner intended for use in accordance with NFPA 265 using the product-mounting system (including adhesive) of actual use, or
3. The covering shall meet the criteria of Section 803.1.2.1 when tested in accordance with NFPA 286 using the product-mounting system (including adhesive) of actual use.

901.3.1 Alarm Industry Act Adopted and Incorporated by Reference-Added. The Alarm Industry Act, Title 59 O.S. Section 1800.1 *et seq.* as amended is hereby adopted by reference and incorporated into this code as if set out at-length here, save and except any portions which may be added, deleted, or amended in this title.

901.3.2 Fire Extinguisher Industry Act Adopted and Incorporated by Reference-Added. The Fire Extinguisher Industry Act, Title 59 O.S. Supp. 2007, Section 1820.1 *et seq.* as amended is hereby adopted by reference and incorporated into this code as if set out at-length here, save and except any portions which may be added, deleted, or amended in this title.

901.3.3 Licensing-Added. All fire protection equipment and systems governed by this code shall be installed, inspected and repaired by licensed firms and technicians in compliance with occupational licensing laws and regulations promulgated by the Oklahoma Department of Health, and published in the Oklahoma Administrative Code (OAC), Section 310 Chapters 205 and 451.

901.3.4 Fire Sprinkler Permit-Added. The code official shall not issue a permit for the installation, alteration or repair, of fire sprinkler systems, and related equipment,

including standpipes, and hose connections to fire sprinkler systems, air line systems used in connection with fire sprinkler systems, and connected tanks and pumps, until the person, firm, corporation or limited liability company installing the same shall have on file with the City of Tulsa a surety bond in the amount of \$2,500.00. Such bond shall be on a form satisfactory to the City, guaranteeing payment of all obligations and guaranteeing the work to be installed in accordance with the provisions of this code. No person, firm, corporation or limited liability company shall install automatic fire sprinkler systems unless licensed as provided in Title 59 O.S. Section 1800.1 *et seq.*, as amended, and related rules and regulations.

901.4.5 Pump and Riser Room Size-Added. Fire pump and *automatic sprinkler system* riser rooms shall be designed with adequate space for all equipment necessary for the installation, as defined by the manufacturer, with sufficient working space around the stationary equipment. Clearances around equipment to elements of permanent construction, including other installed equipment and appliances, shall be sufficient to allow inspection, service, repair or replacement without removing such elements of permanent construction or disabling the function of a required fire resistance-rated assembly. Fire pump and *automatic sprinkler system* riser rooms shall be provided with a door(s) and unobstructed passageway large enough to allow removal of the largest piece of equipment.

901.6.3 Backflow Prevention Assemblies-Added. All backflow preventers installed in fire protection systems piping shall be tested in accordance with Section 13.6 of NFPA 25. The forward flow and backflow shall be tested annually. A certified backflow prevention assembly tester must perform the specific testing procedures required to verify the proper function of reduced pressure principle assemblies and double check valve assemblies. Certification is obtained by successfully passing both a comprehensive written and a hands-on performance examination provided by either the American Backflow Prevention Association (ABPA) or the American Society of Sanitary Engineering (ASSE). The certification must be kept current by completing the requirements of the certifying organizations.

903.2.7 Group M-Amendatory. An *automatic sprinkler system* shall be provided throughout buildings containing a Group M occupancy where one of the following conditions exists:

1. A Group M *fire area* exceeds 12,000 square feet (1115 m²).
2. A Group M *fire area* is located more than three stories above grade plane.
3. The combined area of all Group M fire areas on all floors, including any mezzanines, exceeds 24,000 square feet (2230 m²).
4. A Group M occupancy is where the cumulative area used for the display and sale of upholstered furniture or mattresses exceeds 5,000 square feet (464 m²).

903.4.2 Alarms-Amendatory. *Approved* audible and visual devices shall be connected to every *automatic sprinkler system*. Such sprinkler water-flow alarm devices shall be activated by water-flow equivalent to the flow of a single sprinkler of the smallest orifice size installed in the system. Alarm devices shall be provided on the address side of the exterior of the building above the fire department connection (FDC) or in an approved location. Where a fire alarm system is installed, actuation of the *automatic sprinkler system* shall actuate the building fire alarm system.

903.6.3 Existing A-2 Nightclubs-Added. An approved automatic sprinkler system shall be provided in existing A-2 nightclub occupancies where required in Chapter 46.

903.6.4 Existing College Dormitories-Added. An approved automatic sprinkler system shall be provided in existing college dormitories where required in Chapter 46.

903.6.5 Existing College Fraternities and Sororities-Added. An approved automatic sprinkler system shall be provided in existing college fraternities and sororities where required in Chapter 46.

903.6.6 Existing High-rise Buildings-Added. An approved automatic sprinkler system shall be provided in existing high-rise buildings where required in Chapter 46.

904.11.6.1 Existing automatic fire-extinguishing systems-Amendatory. Where changes in the cooking media, positioning of cooking equipment or replacement of cooking equipment occur in existing commercial cooking systems, the automatic fire-extinguishing system shall be required to comply with the applicable provisions of Sections 904.11 through 904.11.4. By December 31, 2014 all existing commercial cooking systems automatic fire-extinguishing system shall be required to comply with the applicable provisions of Sections 904.11 through 904.11.4 whether changes are made or not.

905.3 Required Installations-Amendatory. Standpipe systems shall be installed where required by Sections 905.3.1 through 905.3.7 and in the locations indicated in Sections 905.4, 905.5 and 905.6. Standpipe systems are allowed to be combined with automatic-sprinkler systems.

Exceptions:

1. Standpipe systems are not required in Group R-3 occupancies.
2. Hose nozzles and hose storage devices may be removed with the approval or the fire code official.

906.1 Where Required-Amendatory. Portable fire extinguishers shall be installed in the following locations:

1. In new and existing Group A, B, E, F, H, I, M, R-1, R-2, R-4 and S occupancies.

Exception: In Group R-2 occupancies, portable fire extinguishers shall be required only in locations specified in items 2 through 6 where each dwelling unit is provided with portable fire extinguisher having a minimum rating of 1-A:10-B:C.

2. Within 30 feet (9144 mm) of commercial cooking equipment.
3. In areas where flammable or *combustible liquids* are stored, used or dispensed.
4. On each floor of structures under construction, except Group R-3 occupancies, in accordance with Section 1415.1.
5. Where required by the section indicated in Table 906.1.
6. Special-hazard areas, including but not limited to laboratories, computer rooms and generator rooms, where required by the *fire code official*.

907.2.11.5 Responsibility for Installation, Maintenance and Repair of Smoke Alarms-Added. Single and multi-station smoke alarms shall be installed, maintained and repaired by the designated responsible party as follows:

1. Property owners shall provide and install replacement batteries as shall be necessary to keep smoke alarms fully functional.
2. Property owners shall provide tenants with instructions regarding testing and maintenance of smoke alarms.
3. Tenants shall be responsible for testing smoke alarms within their living unit at least once a month.
4. A tenant shall notify the owner in writing of any deficiencies or repairs necessary to keep smoke alarms fully functional.
5. Property owners shall replace or repair inoperative smoke alarms within 24 hours of receipt of a written notification by a tenant.

Exception: Occupancy use Group R-2 shall conform to the following requirements:

1. Property owners shall provide and install replacement batteries as shall be necessary to keep smoke alarms fully functional.
2. Property owners shall perform necessary maintenance on all smoke alarm defects found during inspections or upon written notification by the tenant.
3. Property owners shall replace or repair an inoperative smoke alarm within 24 hours of receipt of written notification by a tenant.

4. Property owners shall provide tenants with instructions regarding testing and maintenance of smoke alarms.
5. Tenants shall be responsible for testing battery-powered smoke alarms within their living unit weekly and, if the smoke alarm is other than battery-powered smoke alarm, monthly.
6. Tenants shall notify the owner in writing of any deficiencies or repairs necessary to keep smoke alarms fully functional.
7. Owners shall provide a signed lease or rental agreement addendum specifying the responsibilities of the owner and the tenant regarding smoke alarm maintenance and testing. Upon request by the fire code official, an owner shall make this lease or rental addendum available for inspection.

912.1 Installation-Amendatory. Fire department connections shall be installed in accordance with the NFPA standard applicable to the system design and shall comply with Sections 912.1.1 through 912.6.

912.1.1 Fire Department Connection Inlet Size-Added. The fire department connection shall be a 5" (130 mm) Quick-Connect Connection with a 30° angle elbow for risers larger than 3" (78 mm) in size. A single 2 ½" (65 mm) NH Standard Thread inlet is permitted for risers 3" and smaller. Fire department connections on NFPA 13R systems shall be a minimum of a single 2 ½" (65 mm) NH Standard Thread inlet.

1005.1 Minimum Required Egress Width-Amendatory. The *means of egress* width shall not be less than required by this section. The total width of *means of egress* in inches (mm) shall not be less than the total *occupant load* served by the *means of egress* multiplied by 0.3 inches (7.62 mm) per occupant for stairways and by 0.2 inches (5.08 mm) per occupant for other egress components. The width shall not be less than specified elsewhere in this code. Multiple *means of egress* shall be sized such that the loss of any one *means of egress* shall not reduce the availability capacity to less than 50 percent of the required capacity. The maximum capacity required from any *story* of a building shall be maintained to the termination of the *means of egress*.

Exceptions:

1. *Means of egress* complying with Section 1028.
2. For other than H and I-2 occupancies, the capacity, in inches (mm), *means of egress stairways* shall be calculated multiplying the occupant load served by a stairway by a *means of egress* capacity factor of 0.2 inches (5.08 mm) per occupant in buildings equipped throughout with an *automatic sprinkler system* installed in accordance with Section 903.1.1 or 903.1.2 and an emergency voice/alarm communication system in accordance with Section 907.5.2.2.

3. For other than H and I-2 occupancies, the capacity, in inches (mm), *means of egress* components other than *stairways* shall be calculated multiplying the occupant load served by such component by a *means of egress* capacity factor of 0.15 inches (3.81 mm) per occupant in buildings equipped throughout with an *automatic sprinkler system* installed in accordance with Section 903.1.1 or 903.1.2 and an emergency voice/alarm communication system in accordance with Section 907.5.2.2.

1008.1.9.3 Locks and Latches-Amendatory. Locks and latches shall be permitted to prevent the operation of doors where any of the following conditions exist:

1. Places of detention or restraint.
2. In buildings in occupancy Group A having an *occupant load* of 49 or less, Groups B, F, M and S, and in *places of religious worship*, the main exterior door or doors are permitted to be equipped with key-operated locking devices from the egress side, provided:
 - 2.1 The locking device is readily distinguishable as locked,
 - 2.2 A readily visible durable sign is posted on the egress side, on or adjacent to the door, stating: "THIS DOOR TO REMAIN UNLOCKED WHEN BUILDING IS OCCUPIED." The sign shall be in letters 1 inch (25 mm) high on a contrasting background.
 - 2.3 The use of the key-operated locking device shall be revocable by the *fire code official* for due cause.
3. Where egress doors are used in pairs, *approved* automatic flush bolts shall be permitted to be used, provided that the door leaf having the automatic flush bolts has no doorknob or surface-mounted hardware.
4. Doors from individual dwelling or sleeping units of Group R occupancies having an occupant load of 10 or less are permitted to be equipped with a night latch, dead bolt or security chain, provided such devices may be opened from the inside without the use of a key or tool.
5. *Fire doors* after the minimum elevated temperature has disabled the unlatching mechanism in accordance with *listed* fire door test procedures.

1008.1.9.7 Delayed Egress Locks-Amendatory. Approved, listed, delayed egress locks shall be permitted to be installed on doors serving any occupancy except Group A, E and H occupancies, in buildings that are equipped throughout with an automatic sprinkler system in accordance with Section 903.3.1.1 of this code or an approved automatic smoke or heat detection system installed in accordance with Section 907 of this code, provided that the doors unlock in accordance with items 1 through 6 below. A building

occupant shall not be required to pass through more than one door equipped with a delayed egress lock before entering an exit.

1. The doors unlock upon actuation of the automatic sprinkler system or automatic fire detection system.
2. The doors unlock upon loss of power controlling the lock or lock mechanism.
3. The door locks shall have the capability of being unlocked by a signal from the fire command center.
4. The initiation of an irreversible process which will release the latch in not more than fifteen (15) seconds when a force of not more than fifteen (15) pounds (67 N) is applied for one (1) second to the release device. Initiation of the irreversible process shall activate an audible signal in the vicinity of the door. Once the door lock has been released by the application of force to the releasing device, relocking shall be by manual means only.

Exceptions:

- 4.1 Where approved, a delay of not more than thirty (30) seconds shall be permitted.
- 4.2 The release of the latch is permitted to be reversed by manual over-ride either by security personnel, the tenant, or the command center to cause the latch to remain in a locked mode, provided the vicinity of the door that is locked out is equipped with both a 2-way audio and a 1-way video that are connected to the security personnel, the tenant, or the command center.
5. A sign shall be provided on the door located above and within twelve (12) inches (305 mm) of the release device reading: PUSH UNTIL ALARM SOUNDS. DOOR CAN BE OPENED IN 15 [30] SECONDS.
6. Emergency lighting shall be provided at the door.

1008.1.9.7.1 Electrical Locking System-Added. Buildings permitted prior to 1999 that are not in compliance with Section 1008.1.9.7 of this code shall be permitted to utilize an electrical locking system with the following conditions, provided, the building is equipped throughout with an *automatic sprinkler system* in accordance with Section 903 of this code, and an approved automatic smoke or heat detection system installed in accordance with Section 907 of this code:

1. The electrical locking system shall be interconnected with the *automatic sprinkler system* and automatic fire detection system such that it unlocks upon actuation of the *automatic sprinkler system* or automatic fire detection system.
2. The electrical locking system shall unlock upon loss of power controlling the lock

or locking mechanism. The door locks shall not be connected to an emergency power system.

3. A constantly and internally lit button with $\frac{3}{4}$ " (19.1 mm) minimum surface dimension shall be provided 48" above the floor and within 12" (305 mm) of the door on the latch side, together with an immediately adjacent sign reading "PRESS BUTTON IF EMERGENCY DOOR OPERATION IS NEEDED" of 2" (50 mm) high letters in contrasting color to the sign surface. Equivalent Braille signage shall be provided on the sign surface, mounted 48" (1219 mm) minimum from the floor to the bottom of Braille text. Activation of the button by pressing under a force not exceeding $\frac{1}{2}$ pound (2.23 N) will immediately operate a voice communication system connected to a central control point that is constantly attended that is not required to be within the building, with the ability for the central control point to immediately contact another person to respond to the emergency.
4. Emergency lighting and exit light fixture shall be provided.
5. Electrical Locking System locks provided under this section shall be required to be tested annually by an Electronic Access Control Hardware company during the annual fire alarm inspection to assure they function as required in items 1 and 2 of this section.
6. An occupant within the building shall be provided with at least one direct access to an *exit* without being required to pass through a door equipped with such electrical locking system.
7. An occupant within the building shall not be required to pass through more than one door equipped with such electrical locking system before entering an *exit*.

1008.1.9.10 Stairway Doors-Amendatory. *Interior stairway means of egress* doors shall be openable from both sides without the use of a key or special knowledge or effort.

Exceptions:

1. *Stairway* discharge doors shall be openable from the egress side and shall only be locked from the opposite side.
2. This section shall not apply to doors arranged according to Section 403.5.3 of the *ICC International Building Code*.
3. In *stairways* serving not more than four stories, doors are permitted to be locked from the side opposite the egress side, provided they are openable from the egress side and are capable of being unlocked simultaneously without unlatching upon a signal from the fire command center, if present, or a signal from emergency personnel from a single location inside the main entrance to the building.
4. Doors on *stair* enclosures shall be permitted to be equipped with hardware that prevents re-entry into the interior of the building, provided that: