

2009

International Fire Code

Ordinance #24,828

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Amendments to the International Fire Code-2009 as adopted by the City of Oklahoma City.

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1. **Chapter One, Section 101.1** is amended to read as follows:

101.1 Title. These regulations shall be known as the Fire Code of the City of Oklahoma City, hereinafter, referred to as "this code."

2. **Chapter One, Section 102.7** is amended to read as follows:

102.7 Referenced codes and standards. The codes and standards referenced in this code shall be those that are listed in Chapter 47 and such codes and standards shall be considered part of the requirements of this code to the prescribed extent of each such reference. The jurisdiction will adopt the most recent edition of these codes and standards available. Where differences occur between the provisions of this code and the referenced standards, the provisions of this code shall apply. Where The City of Oklahoma City has adopted a specific referenced code or standard different than those listed, the adopted code shall apply. In the event terms and provisions of the codes and standards referenced in Chapter 47 should conflict with the building codes in matters of construction, the building code shall preempt the provisions of those codes and standards. All other codes and standards shall be applied to the extent they are referenced by this code.

3. **Chapter One, Section 103.1** is amended to read as follows:

103.1 General. Fire Prevention Services is established within the jurisdiction under the direction of the Fire Marshal. The function of the division shall be the implementation, administration, and enforcement of the provisions of this code.

4. **Chapter One, Section 104.3.1** is amended to read as follows:

104.3.1 Warrant. When the fire code official has first obtained a proper inspection warrant or other remedy provided by law to secure entry, an owner or occupant or person having charge, care, or control of the building or premises shall not fail or neglect, after proper request is made as herein provided, to permit entry therein by the fire code official for the purpose of inspection and examination pursuant to this code.

Exception: In instances where the fire code official knows or has reason to believe an emergency exists, entry for inspection purposes is authorized. As used in this section, "emergency" means circumstance which the fire code official knows, or has reason to be, exist and which reasonably may constitute immediate danger to life and property.

5. **Chapter One, Section 104.4** is amended to read as follows:

104.4 Identification. The fire code official shall carry proper identification when inspecting structures or premises in the performance of duties under this code. It shall be unlawful for any unauthorized person to use an official badge, uniform, or other credentials so as to impersonate a fire code official for the purpose of gaining access to any building or premises.

6. **Chapter One, Section 104.10** is amended to read as follows:

104.10 Fire Investigation. The fire code official, the fire department or other responsible authority shall have the authority to investigate the cause, origin and circumstances of any fire, explosion or other hazardous condition. When in the opinion of the Fire Marshal, reasonable cause exists that the fire or explosion may have been of incendiary origin, Fire Marshal shall have the authority to take custody of all physical evidence relating to the cause of the fire or explosions and to continue the investigation to conclusion. Information that could be related to trade secrets or process shall not be made part of the public record except as directed by a court of law.

7. **Chapter One, Section 104.11.2** is amended by adding the following:

Section 104.11.2 Obstructing operations. It shall be unlawful for any person to interfere with a fire code official carrying out any duties or functions prescribed by the Fire Prevention Code. Violation shall be classified as a "class b" offense as identified in the Oklahoma City Municipal Code 2010.

8. **Chapter One, Section 105.3.1** is amended to read as follows:

105.3.1 Expiration. An operational permit shall remain in effect until reissued, renewed, or revoked or for such period of time as specified in the permit. Construction permits shall automatically become invalid unless the work authorized by such permits is commenced within 180 days after its issuance, or if the work authorized by such permit is suspended or abandoned for a period of 180 days after the time the work is commenced. Before such work recommences, a new permit shall be first obtained and the fee to recommence work if any shall be in accordance with the Oklahoma City Municipal Code 2010, Chapter 60- General Schedule of Fees; provided no changes have been made or will be made in the original construction document for such work, and provided further that such suspension or abandonment has not exceeded one year. Permits are not transferable and any change in occupancy, operation, tenancy or ownership shall require that a new permit be issued.

9. **Chapter One, Section 105.6.8** is amended by adding the following subsection:

105.6.8 Compressed gasses. An operational permit is required for the storage, use or handling at normal temperatures and pressure (NTP) of compressed gases in excess of the amounts listed in Table 105.6.8.

Exception: Vehicles equipped for and using compressed gases as a fuel for propelling the vehicle.

105.6.8.1 Places of Assembly. A permit is required for each temporary installation or use of compressed gases in a place of assembly.

10. **Chapter One, Section 105.6.11** is amended as follows:

105.6.11 Cutting and welding. An operational permit is required to conduct cutting or welding operations within the jurisdiction. Permits and site inspections shall be required as necessary during time periods when the jurisdiction or other authorized agency prohibits burning.

11. **Chapter One, Section 105.6.27** is amended to read as follows:

105.6.27 LP-gas. An operational permit is required for:

1. Storage and use of LP-Gas for temporary and permanent installations in commercial and residential occupancies.

Exception: A permit is not required for individual containers with an 80-gallon (288L) water capacity or less serving occupancies in Group R-3.

2. Operation of cargo tankers that transport LP-gas.

12. **Chapter One, Section 105.6.30** is amended by deletion and replaced with the following:

105.6.30 Open burning. A permit is required for all fires conducted outside of a building including bonfires and recreational fires. Permits will not be issued unless the burning operation complies with air pollution authority rules. No permit shall be required for:

1. Fires kindled for the instruction of personnel in methods of fighting fires.

2. Small fires kindled in barbecue pit, exterior fireplace, cookout device, or other similar out-of-doors eating or cooking device when required for entertainment or necessity.

3. Recreational fires.

105.6.30.1 Burn Permits. Request for bum permits shall be made to the Fire Prevention Office by phone, in person or in writing. A Fire Prevention Inspector will conduct an inspection of the proposed bum site. When the site is approved, a permit will be issued to the requesting party. The permit shall not be valid until the Fire Prevention Office receives appropriate fees where required as per Section 60-20 of the Oklahoma City Municipal Code, 2010, as amended - General Schedule of Fees. After receipt of the required fees, the permits shall be valid for 30 calendar days unless extended by the Fire Prevention Office. Violation of this section shall be considered a "class b" offense per Oklahoma City Municipal Code, 2010, as amended.

106.6.30.2 Air Curtain Incinerators (ACI). The use of an air curtain incinerator (ACI) including any device which operates by forcefully projecting a curtain of air across an open chamber, or open pit in which combustion occurs, including fire boxes and trench burners, shall also comply with this section. Burning of materials shall be limited to the disposal of 100 percent wood waste, 100 percent clean lumber, or 100 percent mixture of only wood waste and/or clean lumber. The operator shall be educated in and fully aware of the functions required for proper operation of the ACI.

Use of the ACI shall require approval of the fire code official after inspection of site to ensure proper installation and operations, approval of fuels to be burned and proper bum permits issued. All open burning requirements of the jurisdiction and other regulatory agencies shall also be enforced.

13. **Chapter One, Section 105.6.32** is amended as follows:

105.6.32 Open flames and candles. An operational permit is required to use open flames or candles in connection with assembly areas, dining areas of restaurants or drinking establishments whether indoors or outdoors.

105.6.32 Special District boundaries. For purposes of obtaining Open Flame permits, the area bound by the east curb line of E.K. Gaylord to the west curb line of Lincoln Boulevard and the south curb line of Main Street to the north bank of the Oklahoma River shall be considered a single location.

14. **Chapter One, Section 105.6.45** is amended to add the following sub-section:

105.6.45.1 Precautions during operations. Vehicle recycling of any kind conducted in these facilities shall comply with Section 911 and the following:

1. Establish and follow procedures for removal of all fuel tanks, compressed gas cylinders prior to shredding, crushing or compacting.
2. Provide for ventilation of shredders or other machinery according to manufacturer's specifications.
3. Cleaning and maintenance according to manufacturer's specifications to prevent metal dust build-up.
4. Immediate reporting to the fire code official of any and all explosions due to operations conducted on site, and maintenance of an on-site log of explosions. Reporting shall be pursuant to procedures established by the fire code official.

5. Hours of operations of shredding, crushing or compacting equipment are limited to 7:00a.m. to 7:00p.m. Temporary exceptions to the starting time may be granted by the fire code official, but hours of operation shall not be permitted before 5:00 a.m. nor be conducted more than 12 hours in a single day.

15. **Chapter One, Section 105.6** is amended to add the following subsection:

105.6.47 Electronic door hardware. An operational permit is required for the operation of electronic door hardware in or on any facility. This includes electronic strikes, magnetic locks and any similar devices.

16. **Chapter One, Section 107** is amended by addition of the following:

107.6 Overcrowding. Overcrowding or admittance of any person beyond the approved capacity of a building or a portion thereof shall not be allowed. 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 to be stopped until such conditions or obstructions are corrected.

107.6.1 Failure to vacate. No person shall fail to leave any premises which are overcrowded when told to do so by the management of the premises or any authorized fire code official or law enforcement officer.

107.6.2 Obstruction of fire exits. No owner, lessee, or person in possession of any premises, which under this code is required to provide fire exits, shall obstruct or allow to be obstructed any aisle, passageway, stairway or door in any occupancy, with tables, show cases, or other obstructions during hours the occupancy is open to the public.

107.6.3 Penalty. Any violation of this section shall be a "Class b" offense as identified in Oklahoma City Municipal Code, 2010, as amended.

107.7 Maintaining a fire hazard. No person shall knowingly maintain a fire hazard.

17. **Chapter One, Section 108** is stricken and amended by local amendment to read as follows:

108.1 Appeals Procedure. 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, parties desiring appeal of an order or decision of the fire code official shall put in writing their appeal along with any supporting documentation and submit to the Fire Chief. A decision regarding the appeal shall be rendered in writing by the Fire Chief (or designee) within 10 business days.

Section 108.3 is deleted.

18. **Chapter One, Section 111.4** is amended as follows:

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 remove a violation or unsafe condition shall be guilty of a municipal offense, punishable by fines and/or imprisonment in accordance with the Oklahoma City Municipal Code, 2010, as amended.

19. **Chapter Two, Section 202** is amended to add the following definition:

Registered Design Professional. An individual who is registered or licensed to practice as an Architect or Professional Engineer as defined by the statutory requirements of the professional licensing or registration laws of the State of Oklahoma.

20. **Chapter Two, Section 202**, Definition of OCCUPANCY CLASSIFICATION for R-1 and R-2 amended to read:

R-1 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, provided the building is protected by an automatic sprinkler system installed in accordance with Section 903.2.8.

R-2 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 time share properties and Congregate living facilities with 16 or fewer occupants are permitted to comply with the construction requirements for Group R-3, except as provided for in this code, or shall comply with the International Residential Code, provided the building is protected by an automatic sprinkler system installed in accordance with Section 903.2.8.

21. **Chapter Three, Section 305** is amended by adding the following subsection:

305.5 Spreading fires. No person shall knowingly permit any fire to spread so as to endanger life or property or use or operate any device which may be a source of ignition unless proper removal of flammable material surrounding the operation is accomplished or such other reasonable precautions are taken to ensure against the starting and spreading of unfriendly fires.

22. **Chapter Three, Section 307.4** is amended as follows:

307.4 Location. The location for open burning, bonfires, or recreational fires shall not be less than 150 feet (45.7m) from residences or other structures. Burning shall also be no less than 1000 feet (304.8m) from any oil and gas well locations or surface equipment. Surrounding clear area around burn site shall be determined by Fire Code Official prior to issuance of a permit.

Exceptions:

1. Fires in approved containers that are not less than 15 feet (4572 mm) from a structure.
2. The minimum required distance from a structure shall be 25 feet (7620 mm) where the pile size is 3 feet (914 mm) or less in diameter and 2 feet (610 mm) or less in height.

Materials. Materials to be burned shall be limited to vegetative materials only. No construction materials, oils, rubbers and other similar materials which produce unreasonable amounts of air contaminants shall be burned. Care shall be used to minimize the amount of dirt on the materials being burned.

In addition to location requirements listed above-all open burning shall comply with all requirements of the State of Oklahoma.

23. **Chapter Three, Section 307.4.1** is amended as follows:

307.4.1 Bonfires. A bonfire shall not be conducted within 150 feet (45.72m) of a structure or combustible materials or within 1 000 feet (303.8m) of any oil and gas well locations or surface equipment. Conditions which could cause a fire to spread within 50 feet (15.24m) of a structure shall be eliminated prior to ignition.

24. **Chapter Three, Section 307.5** is amended by deletion of section and replaced with the following:

307.5 Time and attendance. All open burning shall be constantly attended until the fire is completely extinguished. Initial burning with approval of the Fire Prevention Office may begin three hours after sunrise and shall be entirely extinguished prior to sunset. No additional fuels may be added to burn piles after three hours prior to sunset. Adequate fire protection as approved by the Fire Prevention Office shall be provided by permittee, including but not limited to water supply, hose and nozzle, earth moving equipment, and fire extinguishers.

25. **Chapter Three, Section 308.3** is amended to read as follows:

Section 308.3 Group A, Group E, and Group I occupancies. Open flame devices shall not be used in Group A, Group E. and Group I occupancies.

26. **Chapter Three, Section 311.2.2** is amended by deletion of section and exceptions and replaced with the following:

311.2.2 Fire protection equipment: No person shall render any portable or fixed fire extinguishing system or device or any fire warning system inoperative or inaccessible in any building except as may be necessary during emergencies, maintenance, drills, or prescribed testing.

27. **Chapter Four, Section 401.3** is amended by adding the following:

401.3.4 Reporting hazardous condition. Any person, upon discovering evidence of spontaneous heating or other abnormal heating of any merchandise, commodity, cargo, shipment, or other material of any kind in any building or premises, or any person upon discovering or being apprised of any uncontrolled hazardous gas leak or hazardous material or combustible or flammable liquid spill, shall immediately notify the Fire Department.

28. **Chapter Four, Section 401** is further amended by addition of the following:

401.8.1 Driving over fire hose. No person shall drive over or cause any vehicle to be driven or propelled over any fire hose of the Fire Department when laid down on any street, alleyway, private drive, or other vehicular roadway without the consent of the fire official in command of said operations.

401.8.2 Unlawful boarding of or tampering with fire department equipment. A person shall not without proper authorization from the fire official in charge of Fire Department equipment, cling to, attach themselves to, climb upon or into, board or swing upon any Fire Department vehicle, whether the same is in motion or at rest, or sound the siren, horn, bell, or other sound producing device manipulate or tamper with, or attempt to manipulate or tamper with any levers, valves, switches, starting devices, brakes, pumps, or any equipment or protective clothing on, or a part of, any Fire Department vehicle, whether the vehicle is at motion or rest.

401.8.3 Damages/injuries to equipment or personnel. It shall be unlawful for any person to damage or deface, or attempt or conspire to damage or deface any Fire Department vehicle or equipment at any time or to injure or attempt or conspire to injure Fire Department personnel while performing departmental duties.

29. **Chapter Five, Section 501.4** is amended to read as follows:

501.4 Timing of Installation. When fire apparatus access roads, including fire lanes or a water supply for fire protection is required to be installed, such protection shall be installed and made serviceable prior to any above-slab construction or storage of combustible materials on site and during the time of construction except when approved alternative methods of protection are provided. Temporary street signs shall be installed at each street intersection when construction of new roadways allows passage by vehicles in accordance with Section 505.2.

30. **Chapter Five, Section 503** is amended as follows:

503.1 Where required. Fire apparatus access roads including fire lane shall be provided and maintained in accordance with Sections 503.1.1 through 503.1.3.

503.1.1 Buildings and facilities. Approved fire apparatus access roads including fire lanes shall be provided for every facility, building or portion of a building hereafter constructed or moved into within the jurisdiction. Fire apparatus roads shall be provided for all buildings which are set back more than 150 (45.72 m) feet from a public road or exceed 30 (9.14 m) feet in height and are set back over 50 (15.24 m) feet from a public road. The fire apparatus access roads or fire lanes shall comply with the requirements of this section and shall extend to within 150 feet (45.720m) of all portions of the facility and all portions of the exterior walls of the first story of the building as measured by an approved route around the exterior of the building or facility.

Exceptions: The fire code official is authorized to increase the dimension of 150 feet (45.720m) where:

1. The building is equipped throughout with an approved automatic sprinkler system installed in accordance with Section 903.3.1.1, 903.3.1.2 or 903.3.1.3.
2. Fire apparatus access roads including fire lanes cannot be installed because of location on property, topography, waterways, non- negotiable grades or other similar conditions, and an approved alternative means of fire protection is provided.
3. There are not more than two Group R-3 or Group U occupancies.

503.2 Specifications. Fire apparatus roads including fire lanes shall be installed and arranged in accordance with Sections 5.3.2.1 through 503.2.8.

503.2.1 Dimensions. Fire apparatus access roads including fire lanes shall have an unobstructed width of not less than 20 feet (6096 mm), exclusive of shoulders, except for approved security gates in accordance with Section 503.6 and an unobstructed vertical clearance of not less than 14 feet (4.27m).

503.2.3 Surface. Fire apparatus access roads including fire lanes shall be designed and maintained to support the imposed loads of fire apparatus and shall be surfaced so as to provide all weather driving capabilities. Fire lanes shall be constructed of asphalt or concrete or other alternative pre-approved by the fire code official and sufficient to support apparatus.

503.2.4 Turning radius: The required turning radius of a fire apparatus access road including fire lane shall be at least 96 feet at the closed end of the diameter.

31. **Chapter Five is amended to provide a new Section 503.7** to read as follows:

503.7 Emergency rapid access devices.

503.7.1 Gated communities or gated commercial premises. For purposes of this section, gated communities shall include all commercial properties, housing developments, apartment and townhouse complexes and all other residential communities that have limited access electronic gates for ingress into and egress from the community or commercial premises. Commercial premises shall include all properties except one-or-two family dwellings.

503.7.2 Emergency rapid access devices. For purposes of this section, emergency rapid access devices include rapid access key boxes, switch control devices, security padlocks and the locks and keys used in such devices shall be approved by the fire code official.

503.7.3 Responsible persons/entities. For gated communities and gated commercial premises, the person/entity responsible for compliance with this section shall be the person/entity responsible for maintenance of the gated access. For new gated communities or gated commercial premises, the person/entity responsible for compliance with this section shall be the developer or building of the gated community or gated commercial premises.

32. **Chapter Five, Section 507** amended as follows:

507.5 Fire hydrant systems. Fire hydrant systems shall comply with Sections 507.5.1 through 507.5.6 and be installed according to City of Oklahoma City Standards.

507.5.1 Where required. Where a portion of the facility of building hereafter constructed or moved into or within a jurisdiction is more than 400 feet (122m) from a hydrant on a fire apparatus access road including fire lane, as measured by an approved route around the exterior of the facility or building, on-site fire hydrants and mains shall be provide where required by the fire code official.

Exception:

1. For Group R-3 and Group U occupancies, the distance requirement shall be 600 feet (183m) when approved by the fire code official.
2. For buildings equipped throughout with an approved automatic sprinkler system installed in accordance with Section 903.3.1.1 or 903.3.1.2, the distance requirement shall be 600 feet (183m) when approved by the fire code official.

507.5.2 Inspection, testing and maintenance. Fire hydrant systems shall be subject to periodic tests as required by the fire code official. Fire hydrant systems shall be maintained in an operative condition at all times and shall be repaired where defective. Additions, repairs, alterations' and service shall comply with approved standards. Only licensed utility or sprinkler contractors with a permit from the Fire Marshal's Office may perform flow testing.

507.5.4 Obstruction. Unobstructed access to fire hydrants shall be maintained at all times. The fire department shall not be deterred or hindered from gaining immediate access to fire protection equipment or fire hydrants. Fire hydrants shall be located a minimum distance of 20 (6.096m) feet from buildings and fully accessible from paved driveways and fire lanes.

33. **Chapter Five, Section 507** is amended to add new section 507.6:

507.6 Fire lines and detector check valves.

507.6.1 Fire lines. A fire line shall be considered any line which serves fire hydrants located on private property or public property and any line which serves fire sprinkler systems or fire standpipe systems located on private property.

507.6.2 Detector checks valves. A detector check valve of a type and manufacturer approved by the City of Oklahoma City Engineer shall be used to detect the possible leakage or misuse of water and provide a positive separation between the City domestic water system and automatic fire sprinkler systems. The detector check valve with a check valve in the bypass shall be used as the service inlet to all fire lines which are installed on private property located within 150 feet of the City main.

507.6.3 Fire lines serving fire hydrants. Fire lines which serve only fire hydrants located on private property shall have a detector check valve and bypass meter installed on public right-of-way in an approved pit. Pit construction shall be of a type approved by the City of Oklahoma City Engineer and shall be constructed in accordance with City of Oklahoma City of standards.

507.6.4 Plan review. Prior to start of construction on fire line projects, a work order must be issued by the City of Oklahoma City Engineer or his/her representative. This work order shall be dependent upon the submittal and approval of plans and necessary documents to appropriate City of Oklahoma City departments.

34. **Chapter Five, Section 507 and new Section 507.7:**

507.7 Water supply to fire hydrants and fire lines. Proper size for water mains located on public or private property which supplies fire hydrants of fire system lines shall be approved by the City of Oklahoma City Engineer.

35. **Chapter Five, Section 508.1.3** is amended to add the following exception:

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

36. **Chapter Five, Section 509** is amended by addition of the following:

509.3 Interference with fire protection equipment. No person shall render any portable or fixed fire extinguishing system or device or any fire warning system inoperative or inaccessible except as may be necessary during emergencies, maintenance, drills or prescribed testing.

37. **Chapter Six, Section 604.5** is renumbered to 604.6 and a new 604.5 including subsection 604.5.1 through 604.5.2.1 is added to read:

604.5 Emergency lighting equipment. Emergency lighting shall be inspected and tested in accordance with Sections 604.5.1 through 604.5.2.1

604.5.1 Activation test. An activation test of emergency lighting equipment shall be completed monthly. The activation test shall insure 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. 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. 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 minimum of 90 minutes and shall remain sufficiently illuminated for the duration of the test.

604.5.2.1 Power test record. 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. Routine maintenance, inspection and operational testing shall be overseen by a properly instructed individual.

38. **Chapter Eight, Section 806.1.1** is amended by deletion of the exception is as follows:

806.1.1 Restricted occupancies. Natural cut trees shall be prohibited in Group A, E, 1-1,1-2,1-3,1-4, M, R-1, R-2 and R-4 occupancies.

39. **Chapter Eight, Section 807.4.3.2** is amended as follows:

807.4.3.2 Artwork. Artwork and teaching materials shall be limited on the walls of corridors and classrooms to not more than 20 percent of the wall area.

40. **Chapter Nine, Section 901.4** is amended to add the following section:

901.4.5 Pump and Riser room size. Fire pump and automatic sprinkler system riser rooms shall be designed with adequate spaces for all equipment necessary for the installation, as defined by the manufacturer with sufficient working room 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.

41. **Chapter Nine, Section 901.6** is amended as follows:

901.6 Inspection, testing and maintenance. Fire detection, alarm and extinguishing systems shall be maintained in an operative condition at all times, and shall be replaced or repaired where defective. Non-required fire protection systems and equipment shall be inspected, tested and maintained. Fire protection systems contractors shall submit inspection reports to the fire code official for any system found to be deficient.

42. **Chapter Nine, Section 901.7** is amended as follows:

901.7 Systems out of service. Where a required fire protection system is out of service, the fire department and the fire code official shall be notified immediately and, where required by the fire code official, the building shall either be evacuated or an approved fire watch shall be provided for all occupants left unprotected by the shutdown until the fire protection system has been returned to service. The Fire Department and the fire code official shall be notified when service is restored.

43. **Chapter Nine, Section 903.2.1.2** is amended to add the following:

4. The fire area has a total occupant load of more than 50 and less than 100, and a travel distance of more than 75 feet.

44. **Chapter Nine, Section 903.2.7** amended to read as follows:

903.2.7 Group M. An automatic sprinkler system 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 (1115m2).
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 where the cumulative area used for the display and sale of upholstered furniture or mattresses exceeds 5,000 square feet (464 square meters).

45. **Chapter Nine, Section 903.4.1** is amended as follows:

903.4.1 Monitoring. Alarm, supervisory, and trouble signals shall be distinctly different and shall be automatically transmitted to an approved central station supervising station, remote supervising station or proprietary supervising station as defined in NFPA 72.

Exceptions:

1. Underground key or hub valves in roadway boxes provided by the municipality or public utility are not required to be monitored.
2. Backflow prevention device test valves located in limited area sprinkler system supply piping shall be locked in the open positions. In occupancies required to be equipped with a fire alarm system, the backflow preventer valves shall be electrically supervised by tamper switch installed in accordance with NFPA 72 and separately annunciated.

46. **Chapter Nine, Section 903.5** is amended to add the following subsection:

903.5.1 Testing. All systems shall be tested at the test pipe to determine that water flow detecting devices, including the associated alarm circuits, are in proper working order. Dry pipe systems shall deliver water to the Inspectors test pipe in not more than 60 seconds.

47. **Chapter Nine, Section 906.1 (1)** is amended by deleting the exception and addition of the following exception:

906.1 Where required. 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.

48. **Chapter Nine, Section 912.1** is amended as follows:

912.1 Installation. Fire department connections shall be installed in accordance with the NFPA standard applicable to the system design and shall comply with Sections 912.2 through 912.6 and shall be a Storz connection.

49. **Chapter Nine, Section 912.2** is amended as follows by adding the following subsection:

912.2.3 Visible alarm. A strobe alarm shall be installed above the fire department connection or in a location approved by the fire chief. The alarm shall be activated by flow in the sprinkler system.

50. **Chapter Ten, Section 1004.3** is amended to add the following:

Section 1004.3.1 Tampering with or removal of signs. Tampering with or removal of approved signs OR posting of non-approved signs shall be a violation of this code.

51. **Chapter Ten, Section 1005.1** is amended to add two additional exceptions to read:

Exceptions:

1. Means of egress complying with Section 1028.
2. For other than H and 1-2 occupancies, the capacity, in inches, of a means of egress stairways shall be calculated multiplying the occupant load served by such stairway by a means of egress capacity factor 0.2 inches (5.1 mm) per occupant in buildings equipped throughout with an automatic sprinkler system installed in accordance with Section 903.3.1.1 or 903.3.1.2 and an emergency voice/alarm communication system in accordance with Section 907.5.2.2.
3. For other than H and 1-2 occupancies, the capacity, in inches, of a means of egress components shall be calculated multiplying the occupant load served by such component by a means of egress capacity factor 0.15 inches (3.8 mm) per occupant in buildings equipped throughout with an automatic sprinkler system installed in accordance with Section 903.3.1.1 or 903.3.1.2 and an emergency voice/alarm communication system in accordance with Section 907.5.2.2.

52. **Chapter 24, Section 2403.2** is amended as follows:

2403.2 Approval Required. An operation permit is required to operate an air-supported temporary membrane structure or tent having an area in excess of 225 square feet (20.9m²) or a canopy in excess of 225 square feet (20.9m²) in accordance with Section 105.6.4.3.

53. **Chapter 33, Section 3301.1** is amended as follows:

3301.1 Scope. The provisions of this chapter shall govern the possession, storage, handling, and use and transportation of explosives, explosive materials, fireworks, and small arms ammunition. Manufacture or sale of fireworks in the City of Oklahoma City shall be prohibited. Any reference to "manufacture" or "sale" of fireworks in this chapter shall be deleted.

54. **Chapter 33, Section 3301.1.3- Exception #1** is amended as follows:

3301.1.3 Fireworks. The possession, manufacture, storage, sale, handling and use of fireworks are prohibited except as provided for by state statute. Exceptions:

1. Storage and handling of fireworks permitted in Section 3304 for permitted displays only.

55. **Chapter 33, Section 3301.2.2** is amended as follows:

3301.2.2 Sale and retail display. No person shall construct a retail display nor offer for sale explosives, explosive materials upon highways, sidewalks, public property or in Group A or E occupancies. Fireworks shall not be sold anywhere within the corporate city limits of the City of Oklahoma City.

56. **Chapter 33, Section 3301.4** is amended as follows:

3301.4 Qualifications. Persons in charge of magazines, blasting, fireworks display, or pyrotechnic special effect operations shall not be under the influence of alcohol or drugs which impair sensory or motor skills, shall be at least 21 years of age, and shall demonstrate knowledge of all safety precautions related to the storage, handling or use of explosives, explosive materials or fireworks and possess a Certificate of Fitness as required by Oklahoma City Municipal Code, 2010, as amended -Chapter 20 and other licenses as required by the State of Oklahoma.

57. **Chapter 34, Section 3305** is amended by removing the words "and fireworks" from the section title.

**SECTION 3305
MANUFACTURE, ASSEMBLY
AND TESTING OF EXPLOSIVES,
AND EXPLOSIVE MATERIALS**

58. **Chapter 34, Section 3406.6.2.1** is amended to read as follows:

3406.6.2.1 Parking near residential, educational and institutional occupancies and other high-risk areas. Tank vehicles shall not be left unattended at any time on residential streets, or within 500 feet (152.4m2 of a residential area, apartment or hotel complex, educational facility, and hospital or care facility or assembly occupancy. Tank vehicles shall not be left unattended at any other place that would in the opinion of the fire code official, pose an extreme life hazard.

59. **Chapter 38, Section 3801.3** is amended by deletion and replaced with the following:

3801.3 Construction documents. The installer shall submit construction documents for all LP-Gas installations requiring permits as per Sections 105.6 and 105.7 of this code.

60. **Chapter 46, Section 4601.1** is amended to add the following exception:

4601.1 Scope. The provisions of this chapter shall apply to existing buildings constructed prior to the adoption of this code.

Exception: Buildings or portions of buildings that are allowed to use, and comply with the International Existing Building Code currently adopted.

61. **Chapter 46, Section 4603.3.3.2** is amended by changing the exceptions to read as follows:

1. Vertical opening protection is not required for Group R-3 occupancies.
2. Vertical opening protection is not required for open parking garages and ramp.
3. Vertical opening protection for escalators shall be in accordance with Section 4603.3.5, 4603.3.6, or 4603.3.7.
4. Vertical openings that comply with the requirements of Section 703.2.1 of the International Existing Building Code.

62. **Chapter 46, Section 4604.1** is amended to read as follows:

4604.1 General. Means of egress in existing buildings shall comply with the minimum egress requirements when specified by Table 4603.1 as further enumerated in Section 4604.2 through 4604.23 or means of egress

conforming to the requirements of the building code under which they were constructed shall be considered as complying means of egress, if in the opinions of the building official and the fire code official they do not constitute a distinct hazard to life. Existing buildings that were not required to comply with a building code at the time of construction shall comply with the minimum egress requirements when specified in Table 4603.1 as further enumerated in Sections 4604.2 through 4604.23.

63. **Chapter 46, Section 4604.18.2** is amended as follows:

Section 4604.18.2 Dead-ends. Where more than one exit or exit access doorway is required, the exit access shall be arranged such that dead ends do not exceed the limits specified in Table 604.18.2.

Exceptions:

1. A dead-end passageway or corridor shall not be limited in length where the length of the dead-end passageway or corridor is less than 2.5 times the least width of the dead-end passageway or corridor.
2. Dead-ends that comply with the requirements of Section 705.6 of the International Existing Building Code.
64. **Appendix.** Appendix D -Fire Apparatus Access Roads is hereby specifically adopted by the jurisdiction.