

## **RESOLUTION**

### **RESOLUTION DECLARING THE NEED FOR THE ADOPTION OF THE INTERNATIONAL FIRE CODE, 2018 EDITION, AND PROVIDING CERTAIN LOCAL AMENDMENTS TO SAID CODE.**

**WHEREAS**, the Council of The City of Oklahoma City finds that said City needs an up-to- date code of ordinances to provide for the safety, health, and public welfare through rules and regulations relating to structures, processes, and safeguards from the hazard of fire and explosion arising from the storage, handling, or use of structures, materials or devices; from conditions hazardous to life, property or public welfare in the occupancy of structures or premises from fire hazards in the construction, extension, repair, alteration or removal of fire suppression and alarm systems that are addressed in the International Fire Code, 2018 Edition, published by the International Code Council; and

**WHEREAS**, The Oklahoma City Fire Chief has recommended that the International Fire Code, 2018 Edition, (4<sup>th</sup> printing) adopted by the State of Oklahoma, with amendments, as the statewide minimum fire code in the State of Oklahoma, be adapted to meet the needs of The City by the amendment, deletion, or addition of certain sections peculiarly suitable to this City; and

**WHEREAS**, it is the desire of the Council to make such changes in the International Fire Code, 2018 Edition, before consideration for approval as amended.

**NOW, THEREFORE, BE IT RESOLVED** by the Council of The City of Oklahoma City, that the International Fire Code, 2018 Edition (4<sup>th</sup> printing), be and the same hereby is ordered amended and changed in the following respects;

#### **DIVISION I. 2018 INTERNATIONAL FIRE CODE**

##### **Chapter 1. Scope and Administration**

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

**101.1 Title.** These regulations shall be known as the Oklahoma City Fire Prevention Code,

hereinafter, referred to as "this code."

2. **Chapter 1, 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 80 and such codes and standards shall be considered part of the requirements of this code to the prescribed extent of each such reference and as further regulated in sections 102.7.1 and 102.7.2. The jurisdiction will reference the most recent edition of these codes and standards available. Where The City of Oklahoma City has adopted a specific referenced code or standard different than those listed, the adopted code shall apply.

3. **Chapter 1, 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, also known as, *fire code official*. The function of the division shall be the implementation, administration, and enforcement of the provisions of this code.

4. **Chapter 1, Section 104.3.1** is amended to read as follows:

**104.3.1 Warrant.** Where 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 1, 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 1, 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 1, Section 104.11.2** is amended by adding the following subsection:

**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.

8. **Chapter 1, 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, 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 1, 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 1, 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 1, 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 1, Section 105.6.32** is amended by deletion and replaced with the following:

**105.6.32 Open burning.** An operational permit is required for all fires conducted outside of a building including but not limited to bonfires, burn piles and Air Curtain Incinerators. 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 when approved by the *fire code official*.
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.

**105.6.32.1 Burn Permits.** Requests for burn 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 burn 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, 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, as amended.

**105.6.32.2 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 burn permits issued. All open burning requirements of the jurisdiction and other regulatory agencies shall also be enforced.

13. **Chapter 1, Section 105.6.34** is amended, and the following subsections are added as follows:

**105.6.34 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 including fire pits or similar open flame devices.

**105.6.34.1 Protection from flames.** Guards or similar features shall be provided around fire pits or similar open flame devices to accomplish a barrier to prevent occupants from contacting the flame or heated elements This barrier shall prevent occupants from being within 36 inches of the flame or a barrier with a height of 42 inches above the floor surface. Alternative methods to accomplish this shall be allowed when approved by the fire code official.

**105.6.34.2 Special District boundaries.** For purposes of obtaining Open Flame permits, the *fire code official* is authorized to establish a geographic area for the purposes of determining and permitting it as a single location.

14. **Chapter 1, Section 105.6.38** is amended to read as follows:

**105.6.38 Plant Extraction or processing systems.** An operational permit is required for any extracting, processing, or testing process. This includes facilities that extract, produce, or reduce the byproducts including but not limited to cannabidiol (CBD) or tetrahydrocannabinol (THC).

15. **Chapter 1, Section 105.6.49** is amended to add the following subsection:

**105.6.49.1 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 a.m. to 7 p.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 a.m. nor be conducted more than 12 hours in a single day.

16. **Chapter 1, Section 105.6** is amended to add the following subsections:

**105.6.51 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.

**105.6.52 Carbon Dioxide Enrichment Systems.** An operational permit is required to utilize carbon dioxide enrichment systems.

17. **Chapter 1, Section 107** is amended by addition of the following subsection:

**107.5 High Risk Occupancies.** The following occupancies have been determined to be High-Risk occupancies and shall be inspected annually by the *fire code official* to maintain compliance with the Fire Code as adopted by Oklahoma City for the health, safety and welfare of the occupants. These inspections shall be managed as determined by the *fire code official*. Where an operational permit is also required by Section 105.6, this inspection may be incorporated into the operational permit and/or the Oklahoma City licensing process where applicable. Fees for such inspections shall be in accordance with Chapter 60 of the Oklahoma City Municipal Code as adopted.

Apartments, Daycare Centers, Hospitals(including Psychiatric Hospitals), Schools(public or private) Hotel or Motel Facilities, Nursing Homes or Assisted Living Facilities, Restaurants, various Places of Assembly as determined by the *fire code official*, Hazardous Materials Facilities, Marijuana Facilities (processing or growing), University and Vocational trade Schools, Congregate Care Facilities, Group Homes, Halfway Houses, Residential Board and Care facilities, Social Rehabilitation Facilities, Foster Care Facilities, Detoxification Facilities, Alcohol and Drug Centers, all buildings with 5 or more stories or 75 foot above the lowest level of firefighter access not otherwise listed.

18. **Chapter 1, Section 108.6** is amended by addition of the following subsections:

**108.6 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.

**108.6.1 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.

**108.6.2 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.

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

19. **Chapter 1, Section 108** is amended by adding the following section:

**108.7 Maintaining a fire hazard.** No person shall knowingly maintain a fire hazard.

20. **Chapter 1, Section 109** is amended by adding the following subsection:

**109.1.1 Creation.** The Board of Appeals created by this section shall be the Fire Prevention Board of Appeals created by and set forth in Chapter 20 of the Oklahoma City Municipal Code.

21. **Chapter 1, Section 112.4** is amended to read as follows:

**112.4 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, as amended.

## **Chapter 2. Definitions**

22. **Chapter 2, Section 202** is amended to add the following definitions:

**Accessory storage spaces.** A room or space used for storage purposes that is accessory to another occupancy shall be classified as part of that occupancy.

**Authority having jurisdiction.** Means an organization, office, or individual responsible for enforcing the requirements of the Adopted Building Codes, including the prior authorization or

approval of any equipment, materials, installations or procedures used in all or in part of the construction of a new or alteration or renovation of an existing building or structure, including integral finishes, fixtures and building system therein.

**Dispensing Area.** The appropriate hazardous (classified) locations for fuel being dispensed in accordance with the National Electrical Code as adopted by The City of Oklahoma City.

**Disolventizing.** The act of removing a solvent from a material.

**Main Railroad Track.** That part of the railway, exclusive of switch tracks, branches, yards, and terminals upon which trains are operated by timetable or train order or both.

**Miscella.** A mixture, of any proportion, of the extracted oil or fat and the extracting solvent.

**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.

**Self-service storage facility.** Real property designed and used for the purpose of renting or leasing individual storage spaces to customers for the purpose of storing and removing personal property on a self-service basis.

23. **Chapter 2, Section 202,** is amended to change the Definition of OCCUPANCY CLASSIFICATION for Residential Group R-3 and Lodging Houses to **four** or fewer guest rooms and limit the number of guests to no more than two persons per room.

**(BG) Lodging houses** Owner-occupied lodging with four or fewer guest rooms and limit the number of guests to no more than two persons per room shall be permitted to be constructed in accordance with the International Residential Code as adopted by The City of Oklahoma City.

24. **Chapter 2, Section 202,** is amended to change the Definition of Miscellaneous Group U to add:  
Greenhouses not classified as another occupancy.

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### **Chapter 3. General Requirements**

25. **Chapter 3, Section 305** is amended by adding the following subsection:

**305.6 Spreading fires.** No person shall knowingly permit any fire to spread which in the opinion of the *fire code official* may endanger life or property or use or operate any device which can 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.



26. **Chapter 3, Section 307.4** is amended as follows:

**307.4 Location.** The location for open burning 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 the *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.

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

27. **Chapter 3, Section 307.4.1** is amended as follows:

**307.4.1 Bonfires.** A bonfire shall not be conducted 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.

28. **Chapter 3, Section 307.5** is amended by deletion of the 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.

29. **Chapter 3, Section 307** is amended by adding the following section:

**307.6 Materials.** Materials to be burned shall be limited to vegetative materials only. No construction materials, oils, rubber, 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.

30. **Chapter 3, Section 308.1.6.3** is amended to read as follows:

**308.1.6.3 Sky lanterns** A person shall not release or cause to be released a sky lantern.

31. **Chapter 3, Section 308** is amended by adding the following section:

**Section 308.5 Group E, and Group I occupancies.** Open flame devices shall not be used in Group E. and Group I occupancies.

**Exception:** The *fire code official* may permit open flame devices where needed for educational purposes and appropriate safety measures are provided.

32. **Chapter 3, Section 315.7.6.1/Table 315.7.6(1)** is corrected to switch the wood pallet separation distances listed by switching the 10-foot and 5-foot separation distances in accordance with the errata published by the International Code Council.
33. **Chapter 3, Section 320** is added to read as follows:

## **SECTION 320 STORM SHELTERS**

### **Section 320.1 Inspection and maintenance.**

Storm shelters with an occupant load of 50 or more shall be inspected and maintained in accordance with this section and ICC 500®.

**Section 320.1.1 Visual inspection.** Visual inspection of the shelter envelope and the impact protective devices, such as doors and door hardware, shall occur quarterly to ensure there is no visible damage to the shelter envelope or impact protective systems.

**Section 320.1.2 Functional inspection.** Functional inspections of the impact protective devices, such as doors and door hardware, shall occur quarterly, to ensure these devices are maintained to ensure proper door operation.

**Section 320.1.3 Recordkeeping.** A record of the quarterly inspections, and any other tests, servicing and other operations and maintenance shall be maintained on the premises or other approved location for not less than 3 years, or a different period of time where specified in this code or referenced standards. Records shall be made available for inspection by the *fire code official* upon request, and a copy of the records shall be provided to the *fire code official* if requested. The *fire code official* is authorized to prescribe the form and format of such recordkeeping. The *fire code official* is authorized to require that certain required records be filed with the *fire code official*.

**Section 320.1.4 Supervision.** Maintenance and testing shall be under the supervision of a responsible person who shall ensure that such maintenance and testing are conducted at specified intervals in accordance with this code.

**Section 320.2 Damage or missing components.** Storm shelters shall be maintained in accordance with ICC 500® so that walls and roofs are intact and undamaged. Any damage to the storm shelter or its impact-protective systems that impair functionality shall be repaired or replaced in accordance with ICC 500®. Missing equipment and components shall be replaced.

**Section 320.3 Replacement components.** Where it is necessary to replace impact protective systems, including certified doors, shutters, windows or their frames, hardware and closing mechanisms, replacements shall comply with applicable ICC 500® requirements.

#### **Chapter 4. Emergency Planning and Preparedness**

34. **Chapter 4, Section 401.3** is amended by adding the following subsection:

**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.

35. **Chapter 4, Section 401.8** is amended by addition of the following subsections:

**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.

36. **Chapter 4, Section 403.13** is added to read as follows:

**403.13 Required Training** Personnel approved by the *fire code official* to perform authorized Fire Watch or Crowd Managers shall complete annual training provided by the *fire code official* and pay the required fee in accordance with Chapter 60 of the Municipal code.

37. **Chapter 4, Section 403.14** is added to read as follows:

**Section 403.14 Overcrowding** To prevent overcrowding, accurate counts shall be kept of patrons entering and exiting *assembly events or establishments*. Managers/Owners or their representative shall be responsible for knowing and enforcing their maximum occupant load. Questions about occupant loads can be referred to the Oklahoma City Fire Marshal's office.

### **Chapter 5. Fire Service features**

38. **Chapter 5, 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.

39. **Chapter 5, Section 503.2** is amended to read as follows:

**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).

**503.2.2 Authority.** The fire code official shall have the power to require or permit modifications to the access widths where they are inadequate for fire or rescue operations or where necessary to meet the public safety objectives of the jurisdiction.

**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 fire apparatus.

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40. **Chapter 5** 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 where fire department access is required as determined by the *fire code official*. 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 builder of the gated community or gated commercial premises.

41. **Chapter 5, 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).

42. **Chapter 5, Section 509** is amended to add a new subsection 509.3 to read as follows:

**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.

43. **Chapter 6, Section 607.2** is amended to add the following exception:

#5 Where approved by the *fire code official* a Type II hood equipped with a suppression system listed in accordance with UL 300A, or meeting the requirements of ICC-ES 1031, shall be permitted in new construction and renovation of facilities with limited cooking and no significant grease laden vapors are anticipated.

### **Chapter 8. Interior Finish, Decorative Materials and Furnishings**

44. **Chapter 8, Section 807.5.2.3** is amended as follows:

**807.5.2.3 Artwork in classrooms.** Artwork and teaching materials shall be limited on the walls of classrooms which are protected by an *approved automatic sprinkler system* to not more than 50 percent of the specific wall area to which they are attached. In non-sprinklered rooms the

materials shall be limited to not more than 20 percent of the specific wall area to which they are attached.

45. **Chapter 8, Section 807.5.5.3** is amended as follows:

**807.5.5.3 Artwork in classrooms.** Artwork and teaching materials shall be limited on the walls of classrooms which are protected by an *approved automatic sprinkler system* to not more than 50 percent of the specific wall area to which they are attached. In non-sprinklered rooms the materials shall be limited to not more than 20 percent of the specific wall area to which they are attached.

## **Chapter 9. Fire Protection Systems**

46. **Chapter 9, 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.

47. **Chapter 9, Section 903.2.7 #4** is amended to read as follows:

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).

48. **Chapter 9, Section 903.2.9 #5** is amended to add the following:

Exception: Self-service storage facility where the fire area is less than 5,000 square feet (464 square meters).

49. **Chapter 9, Table 903.2.11.6** has been modified to add a row for stationary and mobile energy storage systems.

50. **Chapter 9, Section 903.4.3** is amended as follows:

**Section 903.4.3 Floor Control Valves.** Approved supervised indicating control valves shall be provided for each floor at the point of connection to the riser on all multistory buildings. The *fire code official* shall be allowed to accept alternative provisions to accomplish the subdividing intent of the floor valves.

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51. **Chapter 9, Section 912.2** is amended to add 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 code official*. The alarm shall be activated by flow in the sprinkler system.

52. **Chapter 9, Section 912.3** is amended to read as follows:

**912.3 Fire Hose Threads.** Fire department connections for high-rise buildings shall be a Siamese 2.5- inch OKC thread design. Other Fire Department Connections shall be a 4-inch Storz connection with locking Knox cap, unless otherwise approved by the *fire code official*.

## **Chapter 10. Means of Egress**

53. **Chapter 10, Section 1003.4** is amended to read as follows:

**Section 1003.4 Floor surface.** Circulation paths of the means of egress shall have a slip-resistant surface and be securely attached. Floor surfaces that are a part of a means of egress shall have a solid surface. A floor for this purpose is also defined as the space between a floor surface and a guard if it projects beyond the edge of a floor.

Exceptions:

- (1) Where approved by the Building Official, openings in floor surfaces shall be a size that does not permit the passage of 1/2-inch-diameter (12.7 mm) sphere. Elongated openings shall be placed so that the long dimension is perpendicular to the direction of travel.
- (2) Where approved by the Building Official in Group F, H and S occupancies, other than areas of parking structures accessible to the public, openings in the floor surface shall not be prohibited provided a sphere with a diameter of 1 1/8 inches (29 mm) cannot pass through the opening.

54. **Chapter 10, Section 1004.10** is added as follows:

**Section 1004.10 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.

55. **Chapter 10, Section 1010.1.9.4 #2** is amended to read as follows:

2. In buildings in Occupancy Group A having an *occupant load* of 300 or less, Groups B, F, M and S, and in places of religious worship, the main door or doors are permitted to be equipped with a quarter-turn thumb-turn or similar readily occupant-operable unlocking devices from the egress side provided:

2.1 The locking device is readily distinguishable as locked.

2.2 A readily visible sign is posted on the egress side on or adjacent to the door stating: "THIS DOOR TO REMAIN UNLOCKED WHEN THIS SPACE IS OCCUPIED". The sign shall be in letters 1 inch (25 mm) high in a contrasting background.

2.3 The use of the locking device is revokable by the *fire code official* for due cause.

56. **Chapter 10, Section 1010.1.9.10** is amended to add the following:

**Section 1010.1.9.10** Where electrical equipment rated 800 amperes or more that contains overcurrent devices, switching devices, or control devices is installed and there is a personnel door(s) intended for entrance to and egress from the working space less than 25 feet (7.6 m) from the nearest edge of the working space, the personnel door shall be equipped with panic hardware or fire exit hardware. The door(s) shall open in the direction of egress.

### **Chapter 11. Construction Requirements for Existing Buildings**

57. **Chapter 11, Section 1101.1** is amended to read as follows:

**1101.1 Scope.** The provisions of this chapter shall apply to existing buildings constructed prior to the adoption of this code.

**Exception:** Buildings or portions of a building that comply with the IEBC currently adopted by The City of Oklahoma City or the IEBC that was in effect at the time a remodel occurred. This exception does not apply to the requirements of Illuminous markings of section 1104.25.

58. **Chapter 11, Section 1103.4.2** is amended by adding a fifth exception to read as follows:

5. Vertical openings that comply with the requirements of Section 802.2.1 of the International Existing Building Code as adopted.

59. **Chapter 11, Section 1104.1** is amended to add the following exception:

Exception: When in the opinion of the *fire code official* and the *building code official* they do not constitute a distinct hazard to life.

60. **Chapter 11 Section 1104.25** is amended to add the following exception:

Exception 2. The *fire code official* is authorized to work with existing high-rise buildings to develop and implement a work plan to achieve compliance with this section within a reasonable timeframe as determined by the *fire code official*.

### **Chapter 31. Tents and other Membrane Structures**

61. **Chapter 31, Section 3103.2** is amended to read as follows:



**3103.2 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 (20.9m<sup>2</sup>) or a canopy in excess of 225 square feet (20.9m<sup>2</sup>) in accordance with Section 105.6.47.

### **Chapter 39. Processing and Extraction Facilities**

62. **Chapter 39, Section 3903.2** is amended to read as follows:

**Section 3903.2 Prohibited occupancies.** Extraction equipment and extraction processes utilizing materials classified as physical hazards in accordance with Section 307 of the International Building Code® and other provisions of this code shall not be located in any building containing a Group A, E, I or R occupancy.

63. **Chapter 39, Section 3903.3** is amended to read as follows:

**3903.3 Location.** The extraction equipment and extraction processes utilizing materials classified as physical hazards in accordance with Section 307 of the International Building Code® and other provisions of this code as solvents shall be located in a room dedicated to extraction and the room shall not be used for any other purpose. There shall be no storage of solvents in the extraction room.

64. **Chapter 39, Section 3903.4** Is amended to read as follows:

**3903.4 Post-process purification and winterization.** Post-processing and winterization involving the heating, cooling or pressurizing of the miscella to other than normal pressure or temperature shall be approved and performed in an appliance listed for such use and shall comply with Sections 3903.4.1 through 3903.4.3. Domestic or commercial cooking appliances and cooling appliances shall not be used.

65. **Chapter 39, Section 3903.4.2** is added to read as follows:

**3903.4.2 Refrigerators, freezers and other cooling equipment.** Refrigerators, freezers and other cooling equipment used to store or cool flammable liquids shall be listed for the storage of flammable and/or combustible liquids or shall be listed for Class I, Division I locations in accordance with NFPA 70®.

66. **Chapter 39, Section 3903.4.3** is added to read as follows:

**3903.4.3 Post-processing.** Post-processing operations, including dispensing of flammable liquids between containers, shall be performed within a hazardous exhaust fume hood rated for exhausting flammable vapors and listed in accordance with UL 1805. Electrical equipment used within the hazardous exhaust fume hood shall be rated for use in flammable atmospheres. Exception: A hazardous exhaust fume hood is not required where an approved exhaust system is installed in accordance with NFPA 91®.

67. **Chapter 39, Section 3903.5** is amended to read as follows:

**3903.5 Use of flammable and combustible liquids.** The use of flammable and combustible liquids for liquid extraction processes, including dispensing of flammable liquids between containers, where the liquid is boiled, distilled, or evaporated shall be located within a hazardous exhaust fume hood, rated for exhausting flammable vapors and listed in accordance with UL 1805. Electrical equipment used within the hazardous exhaust fume hood shall be rated for use in flammable atmospheres. Heating of flammable or combustible liquids over an open flame is prohibited.

**Exceptions:**

1. The use of a heating element not rated for flammable atmospheres, where documentation from the manufacturer, or approved testing laboratory indicates the element is rated for heating of flammable liquids.
2. Unheated processes at atmospheric pressure using less than 16 oz. (473 ml) of flammable liquids are not required to be located within a hazardous exhaust fume hood.
3. A hazardous exhaust fume hood is not required where an approved exhaust system is installed in accordance with NFPA 91®. Electrical equipment used within this room shall be rated for use in flammable atmosphere.

68. **Chapter 39, Section 3903.6** is amended to read as follows:

**3903.6 Liquefied petroleum gas.** Plant processing and extraction utilizing liquefied petroleum gas shall comply with Section 3903.6.1 through 3903.6.4 and other applicable provisions of this code.

69. **Chapter 39, Section 3903.6.1** is added to read:

**3903.6 Release of gas.** Liquefied petroleum gases shall not be released to the atmosphere except where released in accordance with Section 7.3 of NFPA 58®.

70. **Chapter 39, Section 3903.6** is amended to add the following subsections:

**3903.6.2 Exhaust.** Plant processing and extraction utilizing liquefied petroleum gas, including processes for off-gassing spent plant material and oil retrieval, shall be located under a chemical fume hood, and listed in accordance with UL1805.

**Exception:** A chemical fume hood is not required where an approved exhaust system is installed in accordance with NFPA 91®.

**3903.6.3 Electrical.** The extraction room where liquefied petroleum gas is used as a solvent shall be classified as Class I, Division I hazardous location in accordance with NFPA 70®. All conductive equipment and conductive objects within the extraction room shall be bonded and grounded with a resistance of less than 1.0 times 10 to the sixth power ohms in accordance with NFPA 70®.

**3903.6.4 Automatic fire-extinguishing system.** Chemical fume hoods and enclosures, including ductwork required by Section 3903.6.2 shall be provided with an automatic fire-extinguishing system complying with Section 903.3.1.1, 904.6, 904.8 or 904.10.

71. **Chapter 39, Section 3903.7** is added to read as follows:

**3903.7 Carbon dioxide extraction.** Plant processing and extraction facilities utilizing carbon dioxide solvents shall comply with Sections 3903.7.1 through 3903.7.3, Section 5307 and other applicable provisions of this code.

**3903.7.1 Storage and handling.** All carbon dioxide compressed gas cylinders shall be secured to a fixed object to prevent falling.

**3903.7.2 Gas detection system.** A gas detection system complying with Sections 916 and 5307.4.3 shall be provided in a room where carbon dioxide solvents are used in the extraction process.

**3903.7.3 Carbon dioxide discharge.** The carbon dioxide extraction equipment pressure relief device and blow-off valves shall be piped to the exterior of the building.

72. **Chapter 39, Section 3905.3** is added to read as follows:

**3905.3 Emergency power system.** For extraction processes utilizing hydrocarbon gases or liquids as solvents, the extraction room lighting and extraction room ventilation system shall be provided with emergency power in accordance with Section 2702 of the International Building Code®.

## **Chapter 56. Explosives and Fireworks**

73. **Chapter 56, Section 5601.1** is amended as follows:

**5601.1 Scope.** The provisions of this chapter shall govern the possession, storage, handling, and use 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.

74. **Chapter 56, Section 5601.1.3** Exception #1 is amended as follows:

**5601.1.3 Fireworks.** The possession, manufacture, storage, sale, handling, and use of fireworks are prohibited.

### **Exceptions:**

- a. Storage and handling of fireworks permitted in Section 5604 for permitted displays only.
- b. Items preempted by State statute.

- c. The possession and storage of specific types of Division 1.4G fireworks, where allowed by applicable laws, ordinances, and regulations, provided such fireworks comply with NFPA 1122, CPSC 16 CFR Parts 1500 and 1507, and DOTn 49 CFR Parts 100-185, for consumer fireworks.

75. **Chapter 56, Section 5601.2.2** is amended as follows:

**5601.2.2 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.

76. **Chapter 56, Section 5601.4** is amended as follows:

**5601.4 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, as amended Chapter 20 and other licenses as required by the State of Oklahoma.

77. **Chapter 56, Section 5605** is amended by removing the words "and fireworks" from the section title.

**SECTION 5605  
MANUFACTURE, ASSEMBLY  
AND TESTING OF EXPLOSIVES  
AND EXPLOSIVE MATERIALS**

**Chapter 57. Flammable and Combustible Liquids**

78. **Chapter 57, Section 5706.6.2.1** is amended as follows:

**5706.6.2.1 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 (152.4m) 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.

**Chapter 61. Liquified Petroleum Gases**

79. **Section 6101.3** is amended by deletion and replaced with the following:

**6101.3 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.

80. **Appendix.** Appendix D -Fire Apparatus Access Roads is hereby specifically adopted by the jurisdiction and is amended to add the following exceptions:

Section D107.1 is amended to add the following exception:

**Exception 3:** Where a divided drive is provided to serve 100 or less lots as allowed by the Subdivision regulations.

Section D107.2 is amended to add the following exception:

**Exception:** Where site conditions limit the remoteness that is possible, the *fire code official* is authorized to allow a shorter distance.

**BE IT FURTHER RESOLVED** that the City Clerk be, and hereby is directed to prepare and attach a separate copy of this resolution to each pre-printed copy of said Code and officially place the same in the files of the Clerk's office and under the Clerk's jurisdiction for distribution.

**ADOPTED** by City Council of The City of Oklahoma City and **SIGNED** by the Mayor this

\_\_\_\_\_ day of \_\_\_\_\_, 2024.

**THE CITY OF OKLAHOMA CITY**

**ATTEST:** (seal)

\_\_\_\_\_  
CITY CLERK

\_\_\_\_\_  
MAYOR

**REVIEWED** for form and legality.



\_\_\_\_\_  
ASSISTANT MUNICIPAL COUNSELOR