

Ordinance

Version 3.2 released on 8/3/21

Use for all Ordinances including: TRO, Budget, Zoning, Declarations, Trust Indentures, etc.



CITY COUNCIL USE ONLY

Date Received: _____
Committee Date: _____
1st Agenda Date: _____

Tracking #: _____
Committee: _____
Hearing Date: _____
2nd Agenda Date: _____

CITY CLERK USE ONLY

☐ Scanned
☐ Posted

Date: 06.22.2021
Item #: 2206.01278

All department items requiring Council approval must be submitted through the Mayor's Office.

Primary Details

Dept. Tracking No.	Board Approval	Other Board Name	City Council Approval <input checked="" type="radio"/> Yes <input type="radio"/> No
Department Fire	Contact Name Andy Teeter	Email Ateeter@cityoftulsa.orh	Phone 918-596-1790
Subject (Description) Title 14 Building Code Ordinance	Fire Code	Ordinance Type Amending Tulsa Revised Ordinances	
Section	Township	Range	Lot
Block	Address		BA / CT Number
Amending Ord. No.	TRO Title No. 14 e.g. 43	TRO Subtitle e.g. G	Property/Non-Property
Council District	Zoning No.	PUD No.	Planning District

Budget

Funding Source(s)

TOTAL:

Enter the funding source(s) using the appropriate Munis funding format: Org (Allocation Code)-Object-Amount (1001211-531401-\$10.00) or Project String-Amount (144104.AbstrTitle5413102.6001-4043122-541102-\$30,000.01)

Approvals

Department: _____
Legal: _____
Board: _____
Mayor: _____
Other: _____

Acted for Chris Baker
(M. SWINEY)

Date: 6/15/22
Date: JUNE 16 XXII
Date: JUN 22 2022
Date: _____

Policy Statement

Background Information

Provide background information on the requested action.

Summation of the Requested Action

Amending Title 14, TRO adopting the 2018 edition of the International Fire Code. Incorporates Oklahoma Uniform Building Code Commission Changes and other safety related changes to Title 14.

Summarize the pertinent details of the requested action.

Emergency Clause?

☒ Yes
☐ No

Reason for Emergency Clause

Public Safety impact

Explain why you are requesting that the City Council approve this action with an emergency clause.

Processing Information for City Clerk's Office

Post Execution Processing

- ☐ Mail vendor copy (addtl signature copies attached)
- ☐ Must be filed with other governmental entity
- ☐ Addtl governmental entity approval(s) required

Additional Routing and Processing Details



**TULSA FIRE DEPARTMENT
RFA SUPPLEMENTAL FORM**

To: Mayor G.T. Bynum

General Explanation:

6/15/22 Contains amendments to Title 14, TRO adopting the 2018 edition of the International Fire Code.

Impact If Not Approved:



Significant Impact



Medium Impact



No Impact

Explain:

Adopts 2018 International Fire Code.
Incorporates Oklahoma Uniform Building Code Commission Changes.
Makes other safety related changes to Title 14.

Cost:

N/A

New or Recurring Item:

New

Timeline:

Requesting emergency clause due to public safety impact.

Expected Challenges:

None

Tulsa Fire Department
1760 Newblock Park Drive, Tulsa, Ok 74127
918.596.9444

Protecting Life, Health, Property and the Environment by Delivering Quality Life and Safety Services

Published in the *Tulsa World*

_____, 2022.

ORDINANCE NO. _____

AN ORDINANCE AMENDING AND UPDATING TITLE 14 TULSA REVISED ORDINANCES (TRO), "FIRE PREVENTION CODE": CHAPTER 1; ENACTING A NEW SECTION 100, ADOPTING THE INTERNATIONAL CODE COUNCIL'S "(I.C.C.). INTERNATIONAL FIRE CODE, 2018 EDITION"; ENACTING A NEW SECTION 101, AMENDING, ADDING OR DELETING PROVISIONS THEREOF, AS PROVIDED HEREIN; PROVIDING FOR SEVERABILITY; REPEALING ALL ORDINANCES OR PARTS OF ORDINANCES IN CONFLICT HERewith; AND DECLARING AN EMERGENCY.

BE IT ORDAINED BY THE CITY OF TULSA:

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

“TITLE 14 - FIRE PREVENTION CODE

Chapter 1. *ICC International Fire Code*, 2018 Edition, Adopted

CHAPTER 1. *ICC INTERNATIONAL FIRE CODE*, 2018 EDITION, ADOPTED

Section 100. - Adoption of the *ICC International Fire Code*, 2018 Edition.

A certain document, three (3) copies of which are on file in the office of the City Clerk of the City of Tulsa, Oklahoma, being marked and designated as the *ICC International Fire Code*, 2018 Edition, as published by the International Code Council, Inc., hereinafter the "Fire Code" or the "Fire Prevention Code" is hereby adopted for the purpose of safeguarding life and property from fire and explosion hazards by regulating the storage, handling and use of hazardous substances, materials and devices and conditions related to the occupancy of buildings and premises in the City of Tulsa, as herein provided. Each and all of the regulations, provisions, penalties, terms and conditions of the *ICC International Fire Code*, 2018 Edition, are hereby referred to, adopted and made a part hereof as if fully set out in this chapter with the amendments thereto, prescribed in Section 101 of this chapter.

Section 101. - Amendments to the *ICC International Fire Code*, 2018.

The following sections of the *ICC International Fire Code*, 2018 Edition are hereby added, deleted or amended to read as follows:

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

102.13 Buildings Owned by the City of Tulsa-Added. Buildings and structures owned by the City of Tulsa which are located inside or outside the corporate limits of the City, shall comply with the requirements of this code.

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

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

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

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

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

105.1.6 Annual Permit-Amendatory. An annual permit is a yearly permit which represents a group of individual permits for each alteration to an already approved electrical, gas, mechanical or plumbing installation. The building official is authorized to issue an annual

permit upon application therefor to any person, firm or corporation regularly employing one or more qualified tradespersons in the building, structure or on the premises owned or operated by the applicant for the permit.

105.1.6.1 Annual permit records-Amendatory. The person to whom an annual permit is issued shall keep a detailed record of alterations made under such annual permit. The building official shall have access to such detailed records of alterations at all times. At the completion of the entity's annual permit term, the applicant shall file such detailed records of alterations with the building official. Pursuant to the authority of 59 O.S. § 1000.25, the building official shall collect fees for each individual permit which is part of the annual permit once the detailed records are submitted and remit such fees to the OUBCC.

105.2.5 Payment of Permit Fees-Added. Upon acceptance of application for a permit, an application fee shall be paid. Upon approval, the applicant shall be notified the permit is ready and advised of what remaining fees are due. In order for the permit to be valid, all fees shall have been paid in full and the permit posted at the job site prior to beginning construction. Payments for permits are due upon notification to the applicant that the permit is approved and is ready for issuance. Any permit not paid for within thirty (30) days after notification may be deemed void by the code official and the application fee shall then be forfeited.

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

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

105.2.6.2 Fire Sprinkler Permit-Added. The code official shall not issue a permit for the installation, alteration, or repair of fire sprinkler systems, and related equipment, including standpipes, and hose connections to fire sprinkler systems, air line systems used in connection with fire sprinkler systems, and connected tanks and pumps, until the person, firm, corporation, or limited liability company installing the same shall have on file with the City of Tulsa a surety bond in the amount of \$2,500.00. Such bond shall be on a form satisfactory to the City, guaranteeing payment of all obligations and guaranteeing the work to be installed in accordance with the provisions of this code. No person, firm, corporation, or limited liability company shall install automatic fire sprinkler systems unless licensed as provided in Title 59 O.S. § 1800.1 *et seq.*, as amended, and related rules, and regulations.

105.2.6.3 Licensing-Added. All fire alarm and fire sprinkler systems governed by this code shall be installed, inspected and repaired by licensed firms and technicians in compliance with occupational licensing laws and regulations promulgated by the Oklahoma Department of Labor, and published in the Oklahoma Administrative Code (OAC), § 380:75. All fire extinguisher systems governed by this code shall be installed, inspected and repaired by

licensed firms and technicians in compliance with occupational licensing laws and regulations promulgated by the Oklahoma State Fire Marshal Commission, and published in the Oklahoma Administrative Code (OAC), § 265:50.

105.2.6.4 Fire Protection System Design Requirements-Added. All fire suppression and fire alarm system designs submitted to the fire code official for approval, shall be designed and/or reviewed by individuals who have achieved National Institute for Certification in Engineering Technologies (NICET), Level III or IV certification or are a professional engineer. The system designer or reviewer shall include their name, NICET Level, certification number, or professional engineer seal and signature on all drawings submitted to the fire code official for review.

105.6 Required Operational Permits-Amendatory. The fire code official is authorized to issue operational permits for the operations set forth in Sections 105.6.1 through 105.6.56 of this code. For each operational permit issued pursuant to Sections 105.6.1 through 105.6.56 of this code, the permit fee(s) shall be as provided in Title 49, Tulsa Revised Ordinances, Chapter 14.

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

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

Exception: Recreational fires and portable outdoor fireplaces in use on privately-owned property, which do not require an operational permit. Recreational fires and portable outdoor fireplaces on any public street, alley, road, park, or right-of-way or any other public land are considered to be open burning and a violation of this subsection and shall require an operational permit.

105.6.37.1 Places of Assembly-Amendatory. An operational permit shall be required to operate a building, which is otherwise permitted as a place of assembly, in a manner which it was not designed. This includes but is not limited to: operating as a temporary special assembly, a temporary special amusement including seasonal decorations exceeding the allowances in the International Fire Code, and/or temporarily exceeding the number of occupants for which the building was designed.

105.6.51 Energy Storage Systems-Added. An operational permit is required for stationary and mobile energy storage systems regulated by Section 1206.

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

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

105.6.54 Fire Protection System Installation Licenses-Added. For each firm or individual fire protection system license applied for pursuant to Section 105.2.6.3 of this code, the applicant shall pay all required fees provided in Title 49, Tulsa Revised Ordinances, Chapter 14.

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

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

105.7 Required Construction Permits-Amendatory. The fire code official is authorized to issue construction permits for work as set forth in Sections 105.7.1 through 105.7.25 of this code. For each construction permit issued pursuant to Sections 105.7.1 through 105.7.25 of this code, the permit fee(s) shall be as provided in Title 49, Tulsa Revised Ordinances, Chapter 14.

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

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

105.7.2 Energy Storage Systems-Amendatory. A construction permit is required to install energy storage system regulated by Section 1206.

105.7.3 Capacitor Energy Storage Systems-Deleted. This section has been stricken from the code per OUBCC rules section 748:20-4-6 (7).

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

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

108.6 Overcrowding Unlawful and an Offense-Amendatory.

1. It shall be unlawful and a misdemeanor offense for any owner, occupant, or the owner or occupant's managing agent or employee to allow the overcrowding or admittance of any

person beyond the approved occupant capacity of a building or a portion thereof. The fire code official, upon finding any overcrowding conditions or obstructions in aisles, passageways or other means of egress, or upon finding any condition, which constitutes a life safety hazard, shall be authorized to cause the event or occupancy to cease and desist until such condition or obstruction is corrected.

2. Any person, firm, corporation, or limited liability company convicted of a violation of this code shall be guilty of a misdemeanor offense and shall be punished by a fine of not more than One Thousand Two Hundred Dollars (\$1,200.00), excluding costs, fees, and assessments, or by imprisonment for a period not exceeding six (6) months, or by both such fine and imprisonment. Each person present in the building or a portion thereof in excess of the posted or genuine calculated maximum occupant load shall be deemed a separate offense.

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

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

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

110.2.1 Transfer of Ownership-Added. It shall be unlawful for the owner of any dwelling unit or structure who has received a compliance order or upon whom a notice of violation has been served to sell, transfer, mortgage, lease or otherwise dispose of such dwelling unit or structure to another until the provisions of the compliance order or notice of violation have been complied with, or until such owner or the owner's authorized agent shall first furnish the grantee, transferee, mortgagee or lessee a true copy of any compliance order or notice of violation issued by the Code official and shall furnish to the Code official a signed and notarized statement from the grantee, transferee, mortgagee or lessee, acknowledging the receipt of such compliance order or notice of violation and fully accepting the responsibility without condition for making the corrections or repairs required by such compliance order or notice of violation.

110.3.2.1 Failure to Comply with Notice of Violation - Added. It shall be unlawful and a misdemeanor offense for any owner, operator, occupant, or other person responsible for the condition or violation to fail to comply with any notice of violation. Any person, firm, corporation, or limited liability company convicted of a violation of this Section 110.3.2.1 of this code shall be guilty of a misdemeanor offense and shall be punished by a fine of not

more than One Thousand Two Hundred Dollars (\$1200.00), excluding costs, fees and assessments, or by imprisonment for a period not exceeding six (6) months, or by both such fine and imprisonment. Each day, or portion thereof, during which the failure to comply with the notice of violation is allowed to continue shall be deemed a separate offense.

110.3.2.2 Nuisance Fire Alarm-Added. It shall be a misdemeanor offense for any owner, operator, occupant, or other person responsible for a fire alarm system to cause or allow a Nuisance Alarm to be activated on property owned, managed, or occupied by him/her, more than five (5) times in any thirty (30) day period, or more than thirty-six (36) times in any twelve (12) month period. Any person, owner, operator, or occupant convicted of a violation of this Section 110.3.2.2 of this Code shall be guilty of a misdemeanor offense and shall be punished by a fine of not more than One Thousand Two Hundred Dollars (\$1,200.00), excluding costs, fees, and assessments, or by imprisonment for a period not exceeding six (6) months, or by both such fine and imprisonment. "Nuisance Alarm" is defined in Chapter 2 of the currently adopted version of the International Fire Code.

110.4 Violation of Fire Code Penalty-Amendatory. It shall be unlawful and a misdemeanor offense for any person, firm, corporation, or limited liability company to violate any of the provisions of this code, fail to comply with any of the requirements thereof, or to erect, install, repair, alter or do any work in violation of approved construction documents or the directive of the fire code official, or of a permit or certificate issued under provisions of this code. Any person, firm, corporation, or limited liability company convicted of a violation of this code shall be guilty of a misdemeanor offense and shall be punished by a fine of not more than One Thousand Two Hundred Dollars (\$1,200.00), excluding costs, fees, and assessments, or by imprisonment for a period not exceeding six (6) months, or by both such fine and imprisonment. Each day, or portion thereof, during which a violation is committed, continued, or permitted shall be deemed a separate offense.

112.4 Failure to Comply-Amendatory. It shall be unlawful and a misdemeanor offense for any person, firm, corporation, or limited liability company to continue any work after having been served with a stop work order, except such work as that person is directed to perform to remove a violation or unsafe condition. Any person, firm, corporation, or limited liability company convicted of a violation of this section shall be guilty of a misdemeanor offense and shall be punished by a fine of not more than One Thousand Two Hundred Dollars (\$1,200.00), excluding costs, fees, and assessments, or by imprisonment for a period not exceeding six (6) months, or by both such fine and imprisonment. Each day, or portion thereof, during which a violation is committed, continued, or permitted shall be deemed a separate offense.

202 General Definitions

[BG] Accessory Storage Spaces-Added. 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-Added. Means an organization, office, or individual responsible for enforcing the requirements of the State 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.

Battery System, Stationary Storage-Amendatory. A rechargeable energy storage system consisting of electro-chemical storage batteries, battery chargers, controls and associated electrical equipment designed to provide electrical power to a building. The system is typically used to provide standby or emergency power, an uninterruptable power supply, load shedding, load sharing or similar capabilities.

BATTERY TYPES.

(A) **Flow battery.** A type of storage battery that includes chemical components dissolved in two different liquids. Ion exchange, which provides the flow of electrical current, occurs through the membrane while both liquids circulate in their respective spaces.

(B) **Lead-acid battery.** A storage battery that is comprised of lead electrodes immersed in sulphuric acid electrolyte.

(C) **Lithium metal polymer battery.** A storage battery that is similar to the lithium-ion battery except that it has a lithium metal anode in the place of the traditional carbon or graphite anode.

(D) **Lithium-ion battery.** A storage battery with lithium ions serving as the charge carriers of the battery. The electrolyte is a polymer mixture of carbonates with an inorganic salt and can be in a liquid or a gelled polymer form. Lithiated metal oxide is typically a cathode and forms of carbon or graphite typically form the anode.

(E) **Nickel-cadmium (Ni-Cd) battery.** An alkaline storage battery in which the positive active material is nickel oxide, the negative contains cadmium, and the electrolyte is potassium hydroxide.

(F) **Nickle metal hydride (Ni-MH) battery.** An alkaline storage battery in which the positive active material is nickel oxide, the negative electrodes is an intermetallic compound and the electrolyte is usually potassium hydroxide.

(G) **Stationary storage battery.** A group of electrochemical cells interconnected to supply a nominal voltage of DC power to a suitably connected electrical load, designed for service in a permanent location.

Capacitor Energy Storage System-Amendatory. A stationary, rechargeable energy storage system consisting of capacitors, chargers, controls and associated electrical equipment designed to provide electrical power to a building or facility. The system is typically used to provide standby or emergency power, an uninterruptable power supply, load shedding, load sharing or similar capabilities.

(A) The definition of a "Preengineered stationary storage battery system" has been stricken from the code.

(B) The definition of a "Prepackaged stationary storage battery system" has been stricken from the code.

Capacitor Array-Amendatory Has been stricken from the code.

Dispensing Area-Amendatory. The appropriate hazardous (classified) locations for the fuel being dispensed in accordance with the National Electrical Code® – NFPA® 70

Energy Storage Management System-Amendatory. An electronic system that protects energy storage systems from operating outside their safe operating parameters and disconnects electrical power to the energy storage system or places it in a safe condition if potentially hazardous temperatures or other conditions are detected.

Energy Storage System (ESS)-Added. One or more devices, assembled together, capable of storing energy in order to supply electrical energy at a future time.

Energy Storage System Cabinet-Added. A cabinet containing components of the energy storage system that is included in the UL 9540 listing for the system. Personnel are not able to enter the enclosure, other than reaching in to access components for maintenance purposes.

Energy Storage System Commissioning-Added. A systematic process that provides documented confirmation that an energy storage system functions according to the intended design criteria and complies with applicable code requirements.

Energy Storage System, Electrochemical-Added. An energy storage system that stores energy and produces electricity using chemical reactions. It includes, among others, battery energy storage systems and capacitor energy storage systems.

Energy Storage System, Mobile-Added. An energy storage system capable of being moved and utilized for temporary energy storage applications, and not installed as fixed or stationary electrical equipment. The system can include integral wheels for transportation or be loaded on a trailer and unloaded for charging, storage, and deployment.

Energy Storage System, Stationary-Added. An energy system installed as fixed or stationary electrical equipment in a permanent location.

Energy Storage System, Walk-in Unit-Added. A prefabricated building that contains energy storage systems. It includes doors that provide walk-in access for personnel to maintain, test and service the equipment, and is typically used in outdoor and mobile energy storage system applications.

Main Railroad Track-Added. 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.

[BG] Residential Group R-3.-Amendatory. Residential Group R-3 occupancies where the occupants are primarily permanent in nature and not classified as Group R-1, R-2, R-4 or I, including:

Boarding houses (nontransient) with 16 or fewer occupants

Boarding houses (transient) with 10 or fewer occupants

Buildings that do not contain more than two dwelling units

Care facilities that provide accommodations for five or fewer persons receiving care

Congregate living facilities (nontransient) with 16 or fewer occupants

Congregate living facilities (transient) with 10 or fewer occupants

Lodging houses with four or fewer guest rooms and no more than 2 persons per room.

(A) [BG] Care facilities within a dwelling. Care facilities for five or fewer persons receiving care that are within a single-family dwelling are permitted to comply with the International Residential Code® provided an automatic sprinkler system is installed in accordance with Section 903.3.1.3 or Section P2904 of the International Residential Code®.

(B) [BG] Lodging houses. Owner-occupied lodging houses with four or fewer guest rooms and no more than 2 persons per room, shall be permitted to be constructed in accordance with the International Residential Code®.

[BG] Miscellaneous Group U-Amendatory. Buildings and structures of an accessory character and miscellaneous structures not classified in any specific occupancy shall be constructed, equipped and maintained to conform to the requirements of this code commensurate with the fire and life hazard incidental to their occupancy. Group U shall include, but not be limited to, the following:

(A) Agricultural buildings

(B) Aircraft hangar, accessory to a one- or two-family residence (see Section 412.4 of the International Building Code®)

(C) Barns

(D) Carports

(E) Communication equipment structures with a gross floor area of less than 1,500 square feet (139 square meters)

(F) Fences more than 6 feet (1829 mm) high

(G) Grain silos, accessory to a residential occupancy

(H) Livestock shelters

(I) Private garages

(J) Retaining walls

(K) Sheds

(L) Stables

(M) Tanks

(N) Towers

(O) [BG] GREENHOUSES. Greenhouses not classified as another occupancy shall be classified as Use Group U.

SELF-SERVICE STORAGE FACILITY-Added. 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.

301.1 Scope-Amendatory. The provisions of this chapter shall govern the occupancy and maintenance of all structures and premises for precautions against fire and the spread of fire and general requirements of fire and life safety.

305.6 Attempted Burning-Added. It shall be unlawful to attempt to set fire to or attempt to cause the burning of combustible material in such a manner as to endanger the safety of persons or property. Any person, firm, corporation, or limited liability company convicted of a violation of this code shall be guilty of a misdemeanor offense and shall be punished by a fine of not more than One Thousand Two Hundred Dollars (\$1,200.00), excluding costs, fees, and assessments, or by imprisonment for a period not exceeding six (6) months, or by both such fine and imprisonment.

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

Exceptions:

1. One- and two-family dwellings.
2. Where buildings, balconies and decks are protected by an automatic sprinkler system.
3. LP-gas cooking devices having LP-gas container with a water capacity not greater than 2½ pounds [nominal 1 pound (0.454 kg) LP-gas capacity].

308.1.6.3 Sky Lanterns -Amendatory. A person shall not release or cause to be released a sky lantern in the State of Oklahoma per Title 68 O.S. § 1624.1.

Table 315.7.6(1) Refer to OUBCC Rules Title 748:20-4-8(5)

SECTION 320 STORM SHELTERS-Added Refer to OUBCC Rules Title 748:20-4-8 (6,7,8,9,10,11,12, and 13)

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

507.5.1.2 Fire Hydrant Installation-Added. Fire hydrants shall be installed according to specifications required by City of Tulsa Water and Sewer Department.

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

508.1.3 Size-Amendatory. The fire command center shall be not less than 0.015 percent of the total building area of the facility served or 200 square feet (19 square meters) in area, whichever is greater, with a minimum dimension of 0.7 times the square root of the room area or 10 feet (3048 mm), whichever is greater.

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

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

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

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

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

[M] 607.2 Where Required-Modified Refer to OUBCC Rules Title 748:20-4-11(1)

608.1 General-Modified Refer to OUBCC Rules Title 748:20-4-11(2)

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

903.2.1.2 Group A-2-Amendatory. An automatic sprinkler system shall be provided throughout stories containing Group A-2 occupancies and throughout all stories from the

Group A-2 occupancy to and including the levels of exit discharge serving that occupancy where one of the following conditions exists:

1. The fire area exceeds 5,000 square feet (465.5 m²).
2. The fire area has an occupant load of 100 or more.
3. The fire area is located on a floor other than the level of exit discharge serving such occupancies.
4. A fire area with nightclub occupancy regardless of occupant load, where the total overall occupant load density is denser than 10 square feet (.93 m²) per occupant.
5. Existing nightclubs not undergoing a change in fire area in alteration work shall be provided with an automatic sprinkler system in accordance with Section 1103.5.4 of the *International Fire Code*, 2015 Edition, as adopted by the City of Tulsa.

Table 903.2.11.6 Additional Required Fire Suppression Systems-Amendatory. Refer to OUBCC Rules Title 748:20-4-14(2)

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

905.3 Required Installations-Amendatory. Standpipe systems shall be installed where required by Sections 905.3.1 through 905.3.8 and in locations indicated in Sections 905.4 through 905.11. Standpipe systems are allowed to be combined with automatic sprinkler systems.

Exceptions:

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

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

1. Property owners shall provide and install replacement batteries as shall be necessary to keep smoke alarms fully functional.
2. Property owners shall provide tenants with instructions regarding testing and maintenance of smoke alarms.
3. Tenants shall be responsible for testing smoke alarms within their living unit at least once a month.

4. A tenant shall notify the owner in writing of any deficiencies or repairs necessary to keep smoke alarms fully functional.
5. Property owners shall replace or repair inoperative smoke alarms within 24 hours of receipt of a written notification by a tenant.

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

1. Property owners shall provide and install replacement batteries as shall be necessary to keep smoke alarms fully functional.
2. Property owners shall perform necessary maintenance on all smoke alarm defects found during inspections or upon written notification by the tenant.
3. Property owners shall replace or repair an inoperative smoke alarm within 24 hours of receipt of written notification by a tenant.
4. Property owners shall provide tenants with instructions regarding testing and maintenance of smoke alarms.
5. Tenants shall be responsible for testing battery-powered smoke alarms within their living unit weekly and, if the smoke alarm is other than battery-powered smoke alarm, monthly.
6. Tenants shall notify the owner in writing of any deficiencies or repairs necessary to keep smoke alarms fully functional.
7. Owners shall provide a signed lease or rental agreement addendum specifying the responsibilities of the owner and the tenant regarding smoke alarm maintenance and testing. Upon request by the fire code official, an owner shall make this lease or rental addendum available for inspection.

907.2.22 Energy storage systems-Amendatory. Refer to OUBCC Rules Title 748:20-4-14(4)

907.2.23 Capacitor energy storage systems. This section has been stricken from the code. Refer to OUBCC Rules Title 748:20-4-14(5)

Table 911.1 Explosion Control Requirements-Amendatory. Refer to OUBCC Rules Title 748:20-4-14(6)

912.1 Installation-Amendatory. Fire department connections shall be installed in accordance with the NFPA standard applicable to the system design and shall comply with Sections 912.1.1 through 912.7.

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

1003.4 Floor Surface-Modified. Refer to OUBCC Rules Title 748:20-4-15(1)

1008.2.3 Exit Discharge-Modified. Refer to OUBCC Rules Title 748:20-4-15(2)

1010.1.9.3 Locks and Latches-Amendatory. Locks and latches shall be permitted to prevent the operation of doors where any of the following conditions exist:

1. Places of detention or restraint.
2. In buildings in occupancy Group A having an occupant load of 49 or less, Groups B, F, M and S, and in places of religious worship, the main door or doors are permitted to be equipped with key-operated locking devices from the egress side, provided:
 - 2.1 The locking device is readily distinguishable as locked,
 - 2.2 A readily visible durable sign is posted on the egress side, on or adjacent to the door, stating: THIS DOOR TO REMAIN UNLOCKED WHEN THIS SPACE IS OCCUPIED. The sign shall be in letters 1 inch (25 mm) high on a contrasting background.
 - 2.3 The use of the key-operated locking device shall be revocable by the fire code official for due cause.
3. Where egress doors are used in pairs, approved automatic flush bolts shall be permitted to be used, provided that the door leaf having the automatic flush bolts does not have a doorknob or surface-mounted hardware.
4. Doors from individual dwelling or sleeping units of Group R occupancies having an occupant load of 10 or less are permitted to be equipped with a night latch, dead bolt or security chain, provided such devices may be opened from the inside without the use of a key or tool.
5. Fire doors after the minimum elevated temperature has disabled the unlatching mechanism in accordance with listed fire door test procedures.
6. Doors serving roofs not intended to be occupied shall be permitted to be locked, preventing entry to the building from the roof.

1010.1.9.8.1 Electrical Locking System-Added. Buildings permitted prior to 1999 that are not in compliance with Section 1010.1.9.7 of this code shall be permitted to utilize an electrical locking system with the following conditions, provided, the building is equipped throughout with an automatic sprinkler system in accordance with Section 903 of this code, and an approved automatic smoke or heat detection system installed in accordance with Section 907 of this code:

1. The electrical locking system shall be interconnected with the automatic sprinkler system and automatic fire detection system such that it unlocks upon actuation of the automatic sprinkler system or automatic fire detection system.
2. The electrical locking system shall unlock upon loss of power controlling the lock or locking mechanism. The door locks shall not be connected to an emergency power system.

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

1010.1.9.12 Stairway Doors-Amendatory. Interior stairway means of egress doors shall be openable from both sides without the use of a key or special knowledge or effort.

Exceptions:

1. Stairway discharge doors shall be openable from the egress side and shall only be locked from the opposite side.
2. This section shall not apply to doors arranged according to Section 403.5.3 of the *International Building Code*.
3. In stairways serving not more than four stories, doors are permitted to be locked from the side opposite the egress side, provided they are openable from the egress side and are capable of being unlocked simultaneously without unlatching upon a signal from the fire command center, if present, or a signal from emergency personnel from a single location inside the main entrance to the building.
4. Stairways exit doors shall be openable from the egress side and shall only be locked from the opposite side in Group B, F, M and S occupancies where only interior access to the tenant space is from a single exit stairway where permitted in Section 1006.3.2
5. Stairways exit doors shall be openable from the egress side and shall only be locked from the opposite side in Group R-2 occupancies where only interior access to the dwelling unit is from a single exit stairway where permitted in Section 1006.3.2
6. Doors on stair enclosures shall be permitted to be equipped with hardware that prevents re-entry into the interior of the building, provided that:

- 6.1 There are at least 2 levels where it is possible to leave the stair enclosure, and
- 6.2 There shall be not more than 4 floors intervening between floors where it is possible to leave the stair enclosure, and
- 6.3 Re-entry is possible on the top or next to the top floor permitting access to another exit; and
- 6.4 Doors permitting re-entry are identified as such on the stair side of the door.

1010.1.9.13 Fail-safe Electronic Locks-Added. Except for Group A, E and H occupancies, approved fail-safe electronic locks shall be permitted to be installed on doors serving any occupancy in buildings that are equipped throughout with an automatic sprinkler system in accordance with Section 903.3.1.1 and an approved automatic smoke or heat detection system installed in elevator lobbies and machine rooms as required for elevators with recall capabilities, provided that the fail-safe electronic locks comply with all the conditions in paragraphs 1 through 6 below, to access a required exit other than the first required exit.

1. The fail-safe electronic lock shall unlock upon actuation of the automatic fire sprinkler system, or automatic smoke or heat detection system.
2. The fail-safe electronic lock shall unlock upon loss of power to the electronic locking system.
3. The fail-safe electronic lock shall unlock upon loss of power to the building.
4. The fail-safe electronic lock shall not be supplied with emergency and/or back-up power.
5. The fail-safe electronic lock when unlocked shall not be reset until after the emergency no longer exists.
6. Fail-safe electronic locks provided under this section shall be required to be tested annually by an Electronic Access Control Hardware company during the annual fire alarm inspection to assure they function as required in items 1 thru 5 of this section.

Exceptions:

1. In addition to the above requirements, where fail-safe electronic locks in accordance with this section are used to secure elevator or stair lobbies that are not provided with direct access to an exit, the lobbies shall be provided with a 2-way communication system with a central station that can be located anywhere inside or outside of the building, provided it is manned 24 hours, 7 days a week. The communication system shall be tested monthly to ensure operational condition. The lobby shall also be provided with a location sign that indicates its location in the building. Direction to exits shall be provided with exit lights as required by this code.
2. In addition to the above requirements, where fail-safe electronic locks in accordance with this section are used to secure elevator or stair lobbies that are not provided with direct access to an exit in buildings that are not equipped with a sprinkler system in accordance with Section 903.3.1.1 of the *International Building Code*, the lobbies shall have a manual fire alarm pull station tied into the building fire alarm system, in addition to a 2-Way communication system with a central station that can be located anywhere inside or outside of the building. The central station shall also be manned

24 hours, 7 days a week, and shall be tested monthly to ensure operational condition. The lobby shall also be provided with a location sign that indicates its location in the building. Direction to exits shall be provided with exit lights as required by this code. An informational sign is not required for the manual fire alarm pull station.

3. In addition to the above requirements, where fail-safe electronic locks in accordance with this section are installed on stairway doors and its operation requires a primary release from the egress side to release the locking mechanism which is not integral to the latch, a secondary push-button release shall be required to be installed on the egress side, as a back-up unlocking operation, in the event of failure of the primary release mechanism.

1010.1.10 Panic and fire exit hardware-Amendatory. Refer to OUBCC Rules Title 748:20-4-15(3,4, and 5)

1011.1 General-Amendatory. Stairways serving occupied portions of a building, and exterior stairways traversed by human traffic, shall comply with the requirements of Sections 1011.2 through 1011.13, notwithstanding the general scoping provisions of Section 1001.1. Alternating tread devices shall comply with Section 1011.14. Ships ladders shall comply with Section 1011.15. Ladders shall comply with Section 1011.16. These requirements shall not be applicable to stairs or steps in swimming and wading pools; play structures; building systems equipment; and similar structures.

Exception: Within rooms or spaces used for assembly purposes, stepped aisles shall comply with Section 1029.

1015.4 Opening Limitations -Modified. Refer to OUBCC Rules Title 748:20-4-15(6)

1015.6 Mechanical equipment, systems and devices-Modified. Refer to OUBCC Rules Title 748:20-4-15(7)

1015.6.1 Roof Edge-Added. Refer to OUBCC Rules Title 748:20-4-15(8)

1015.6.2 Skylights-Added. Refer to OUBCC Rules Title 748:20-4-15(9)

1015.6.3 Roof Hatch-Added. Refer to OUBCC Rules Title 748:20-4-15(10)

1015.7 Roof Access-Modified. Refer to OUBCC Rules Title 748:20-4-15(11)

1016.2.1 Multiple Tenants-Amendatory. Where more than one tenant occupies any one floor of a building or structure, each tenant space, dwelling unit and sleeping unit shall be provided with access to the required exits without passing through adjacent tenant spaces, dwelling units, and sleeping units.

Exceptions:

1. The means of egress from a smaller tenant space shall not be prohibited from passing through a larger adjoining tenant space where such rooms or spaces occupy less than 10 percent of the area of the larger tenant space through which they pass, are the same or similar occupancy group, a discernible path of egress travel to an exit is provided, and the means of egress into the adjoining space is not subject to locking from the egress side. A

required means of egress serving the larger tenant space shall not pass through the smaller tenant space or spaces.

2. Means of egress to the required second exit through another tenant space shall not be prohibited in buildings permitted prior to October 27, 1972.

3. Existing means of egress through another tenant space, approved on or after October 27, 1972 and prior to January 1, 2008, shall be permitted to remain. Newly created means of egress through another tenant space shall not be permitted in buildings permitted on or after October 27, 1972.

1101.1 Scope-Amendatory. 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 latest edition of the *International Existing Building Code*, 2018 Edition, or the edition that was adopted at the time a remodel occurred.

1103.5.6 Existing College Dormitories-Added. An approved automatic sprinkler system shall be provided in existing college dormitories that are not in compliance with the *ICC International Building Code*.

1103.5.7 Existing College Fraternities and Sororities-Added. An approved automatic sprinkler system shall be provided in existing college fraternities and sororities that are not in compliance with the *ICC International Building Code*.

1103.5.8 Existing High-rise Buildings-Amended. An approved automatic sprinkler system shall be provided by January 1, 2010 in all existing high-rise buildings that are not in compliance with the *ICC International Building Code*, 2006 Edition, as adopted by the City of Tulsa.

Exceptions:

1. All apartment and condominium high-rise buildings or structures having a Residential Group R-2 occupancy classification existing prior to January 1, 2006, with no more than ten percent (10%) of the useable floor area utilized for other occupancy classifications, shall be exempt in their entirety, until such time as more than ten percent (10%) of the useable floor area is utilized for other occupancy classifications. For purposes of this Exception, apartment and condominium high-rise buildings and structures shall include buildings and structures, or portions thereof which are accessory to such apartment and condominium high-rise buildings, including parking structures.
2. Existing high-rise buildings with a Business Group B occupancy classification shall be equipped with an automatic sprinkler system pursuant to Option 1 or 2 of this Exception. Sprinkler system and automatic fire alarm system installations shall not be required for vacant buildings and for vacant floors in occupied buildings that are secured and kept free of storage and combustibles. Such vacant floors shall not be included in calculating the percentage of area to be sprinkled. Implementation of Option 1 or Option 2 in accordance with this

Exception shall constitute a sufficient equivalency to the vertical-openings requirements set forth in Section 1103.4 of this code. For the purpose of permitting remodel work, if there exists a written City of Tulsa Fire Sprinkler Agreement Form requested by the owner and approved by the building official and fire code official and signed by the Mayor, recorded in land records maintained by the Tulsa County Clerk, the building shall receive equivalent consideration as fully equipped with a sprinkler system during the interim period leading to the completion of conditions of the agreement.

Option 1: A building owner may choose to sprinkle ninety per cent (90%) of the gross floor area as defined in Section 1002 of the ICC International Building Code, 2006 Edition, as adopted by the City of Tulsa, [in general terms this is consistent with Building Owners and Managers Association International (BOMA) definition of net rentable space, except it also include~ stairways and parking garages] where the remaining non-sprinkled area of up to ten percent (10%) of the gross floor area is not concentrated in a single area of a size greater than five percent (5%) of the gross floor area. All common exit access and exits shall be protected with sprinklers or a fire/smoke separation, pursuant to the ICC International Building Code, 2006 Edition, as adopted by the City of Tulsa. An automatic fire alarm system shall be installed pursuant to National Fire Protection Association (NFPA) Standard Reference Number 72 (NFPA72) in the following locations: in all common corridors throughout the building, all designated unsprinkled spaces and pursuant to Section 907.2.13.1 of this code. The owner shall comply with the following sprinkler completion schedule:

- a. A building undergoing a change of use or occupancy of more than ten percent (10%) of the gross floor area shall comply with Option 1 no later than January 1, 2010.
- b. A building undergoing a change of use or occupancy of more than ten percent (10%) of the gross floor area after January 1, 2010, shall comply with Option 1 by the completion of the change of use or occupancy.
- c. Once exempted space(s) are designated that, taken alone or in the aggregate, will comprise the ten per cent (10%) which is exempt from any sprinkling requirement, the Owner shall sign a City of Tulsa Fire Sprinkler Agreement Form requested by the owner and approved by the building official and fire code official and signed by the Mayor, recorded in land records maintained by the Tulsa County Clerk, evidencing that the owner has selected Option 1 and will provide a schedule for equipping of the building with an automatic fire alarm system to be completed within three (3) years, or the year 2020, whichever is sooner.

The building owner shall maintain a record keeping process to account for what areas are to be sprinkled and non-sprinkled pursuant to Option 1. Owner signed documentation of the totals of this accounting shall be submitted to the Permit Office with each application for a remodel permit or a certificate of occupancy. As long as the total non-sprinkled space remains at ten per cent (10%) or less the owner may choose to substitute

one space for another for providing a sprinkler system, provided it meets the other provisions of this section.

- d. Unless exempted pursuant to the Owner's designation of exempted space(s), any floor alteration and adjoining non-rated common corridors permitted after the year 2006 shall be equipped with a sprinkler system as required by the ICC International Building Code, 2006 Edition, as adopted by the City of Tulsa. The remaining area of a partially sprinkled floor shall be sprinkled pursuant to paragraph (e) of this section or in accordance with a City of Tulsa Fire Sprinkler Agreement Form requested by the owner and approved by the building official and fire code official and signed by the Mayor, recorded in land records maintained by the Tulsa County Clerk.
- e. All occupied floors shall, at a minimum, be equipped with an automatic sprinkler system to provide automatic sprinkler protection to one-third of the gross floor area and the entire egress lobby space at the required and designated levels of exit discharge by the year 2014; two-thirds by the year 2017; and nine-tenths by the year 2020.

Exception: A designated egress lobby space at the level of exit discharge in buildings permitted prior to October 27, 1972, may not have to be sprinkled or separated when the building official and fire code official approves an alternative life-safety system.

- f. Any vacant floor which becomes either partially or fully occupied after the year 2020 shall be fully equipped with a sprinkler system, unless exempted pursuant to the owner's designation of exempted space(s).

Option 2: A building owner may choose to equip a building with a fully automatic sprinkler system throughout. In such an event, an owner shall comply with the following time schedule, except where the work area or change in use shall be equipped with a sprinkler system in accordance with the Code:

- a. A building undergoing a change of use or occupancy of more than ten percent (10%) of the gross floor area shall be fully equipped with an automatic sprinkler system throughout the building no later than the year 2010.
- b. A building undergoing a change of use or occupancy of more than ten percent (10%) of the gross floor area after the year 2010 shall be fully equipped with an automatic sprinkler system throughout the building by the completion of the change of use or occupancy.
- c. Any floor alteration and adjoining non-rated common corridors permitted after the year 2006 shall be equipped with a sprinkler system as required by the ICC International Building Code, 2006 Edition, as adopted by the City of Tulsa. The remaining area of a partially sprinkled floor shall be sprinkled pursuant to paragraph (d) of this section or in accordance with a signed City of Tulsa Fire Sprinkler Agreement Form requested by the owner and approved by the building official and fire code official and signed by the Mayor, and recorded in land records maintained by the Tulsa County Clerk.

- d. All occupied floors shall, at a minimum, be equipped with an automatic sprinkler system to provide automatic sprinkler protection to one-third of the building and the entire lobby space at the level of exit discharge by the year 2014; two-thirds of the building by the year 2017; and totally by the year 2020.
- e. Any Vacant floor either partially or fully occupied after the year 2020 shall be fully equipped with an automatic sprinkler system.

1103.5.8.1 Sprinkler Protection-Added. Where an Owner chooses to sprinkle any building as a means to provide the protection required by Section 1103.4 of this code, the Owner shall comply with the following schedule for installation of an automatic sprinkler system:

1. On or before July 1, 2017 the Owner(s), or the Owner's authorized agent, shall provide the code official with written plans for compliance with this section and sign a "Fire Sprinkler Agreement Form" which, when approved by the building official and fire code official and signed by the Mayor shall be recorded in land records maintained by the Tulsa County Clerk.
2. All occupied floors shall be equipped with an automatic sprinkler system which shall, at a minimum, provide automatic sprinkler protection to one-third of the building and the entire lobby spaces at the level of exit discharge by the year 2014; two-thirds of the building by the year 2017; and totally by the year 2020.

Exception: Where a building is being equipped with an automatic sprinkler system in accordance with Section 1103.5.8 Option 1 of this code.

3. Any new or existing high-rise sprinkler agreement shall be extended until such time as these conditions are met: A change of use of any part of a floor is made or any remodel of a floor or floors that require a building permit. When any of the above conditions are met the owner will be required to install an approved automatic fire sprinkler system for the entire floor or floors affected by those conditions.

1103.7.6 Group R-2- Modified. Refer to OUBCC Rules Title 748:20-4-16(2)

1104.1 General-Amendatory. Means of egress in existing buildings shall comply with the minimum egress requirements when specified in Table 1103.1 as further enumerated in Section 1104.2 through 1104.25, or the building code that applied at the time of construction, 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 1103.1 as further enumerated in Sections 1104.2 through 1104.25.

1104.5 Illumination Emergency Power-Amendatory. Where means of egress illumination is provided, the power supply for means of egress illumination shall normally be provided by the premises' electrical supply. In the event of power supply failure, illumination shall be automatically provided from an emergency system for the following occupancies where such occupancies require two or more means of egress:

1. Group A having 50 or more occupants.
2. Group B buildings three or more stories in height, buildings with 100 or more occupants above or below the level of exit discharge serving the occupants or buildings with 1,000 or more total occupants.
3. Group E in interior exit access and exit stairs and ramps, corridors, windowless areas with student occupancy, shops and laboratories.
4. Group F having more than 100 occupants.

Exception: Buildings used only during daylight hours which are provided with windows for natural light according to the *International Building Code*.

5. Group I.
6. Group M.

Exception: Buildings less than 3,000 square feet (279 m²) in gross sales area on one (1) story only, excluding mezzanines.

7. Group R-1.

Exception: Where each sleeping unit has direct access to the outside of the building at grade.

8. Group R-2.

Exception: Where each dwelling unit or sleeping unit has direct access to the outside of the building at grade.

9. Group R-4.

Exception: Where each sleeping unit has direct access to the outside of the building at ground level.

1104.18 Dead Ends-Amendatory. 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 1104.18. In group I-2, in smoke compartments containing patient sleeping rooms and treatment rooms, dead-end corridors shall be in accordance with section 1105.6.5.

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. In existing buildings, existing dead-end corridors shall be permitted to comply with lengths established in Section 805.6 of the International Existing Building Code. Any newly constructed dead-end corridors within an existing building shall be limited to the lengths allowed by the International Building Code.

1104.25 Egress path markings-Deleted. Refer to OUBCC Rules Title 748:20-4-16(3)

IFC 2018 Chapter 12 Energy Systems. Refer to OUBCC Rules Title 748:20-4-17(1 thru 223)

2301.7 Liquid Natural Gas (LNG) Motor Fuel-Dispensing Facilities-Added. Refer to OUBCC Rules Title 748:20-4-28(1)

2302 Definitions-Modified. Refer to OUBCC Rules Title 748:20-4-28(2)

2303.1 Location of Dispensing Devices-Modified. Refer to OUBCC Rules Title 748:20-4-28(3)

2303.2.2 Local Emergency Disconnect Switches-Added. Refer to OUBCC Rules Title 748:20-4-28(4)

2303.2.3 Emergency Disconnect Switch Lighting-Added. Refer to OUBCC Rules Title 748:20-4-28(5)

2304.3.7 Quantity Limits-Modified. Refer to OUBCC Rules Title 748:20-4-28(6)

2307.3 Attendants-Modified. Refer to OUBCC Rules Title 748:20-4-28(7)

2307.4.1 Low Emission Transfer-Added. Refer to OUBCC Rules Title 748:20-4-28(8)

2307.7 Public Fueling of Motor Vehicles-Modified. Refer to OUBCC Rules Title 748:20-4-28(9)

2308.3.2 Warning Signs-Added. Refer to OUBCC Rules Title 748:20-4-28(10)

2308.4 Private Fueling of Motor Vehicles-Modified. Refer to OUBCC Rules Title 748:20-4-28(11)

2308.7 Emergency Shutdown Control-Modified. Refer to OUBCC Rules Title 748:20-4-28(12)

2308.7.1 Remote Emergency Shutdown Device-Added. Refer to OUBCC Rules Title 748:20-4-28(13)

2308.7.2 Local Emergency Shutdown Device-Added. Refer to OUBCC Rules Title 748:20-4-28(14)

2311.4.3 Ventilation-Modified. Refer to OUBCC Rules Title 748:20-4-28(15)

2311.8.1 Preparation of Vehicle for Repair-Modified. Refer to OUBCC Rules Title 748:20-4-28(16)

2311.8.1.1 Liquefied Natural Gas (LNG)-Added. Refer to OUBCC Rules Title 748:20-4-28(17)

3903.2 Prohibited Occupancies-Modified. Refer to OUBCC Rules Title 748:20-4-44(1)

3903.3 Location-Modified. Refer to OUBCC Rules Title 748:20-4-44(2)

3903.4 Post-process Purification and Winterization-Modified. Refer to OUBCC Rules Title 748:20-4-44(3)

3903.4.2 Refrigerators, Freezers, and Other Cooling Equipment-Added. Refer to OUBCC Rules Title 748:20-4-44(4)

3903.4.3 Post-Processing-Added. Refer to OUBCC Rules Title 748:20-4-44(5)

3903.5 Use of Flammable and Combustible Liquids-Modified. Refer to OUBCC Rules Title 748:20-4-44(6)

3903.6 Liquefied Petroleum Gas-Modified. Refer to OUBCC Rules Title 748:20-4-44(7)

3903.6.1 Release of Gas-Added. Refer to OUBCC Rules Title 748:20-4-44(8)

3903.6.2 Exhaust-Added. Refer to OUBCC Rules Title 748:20-4-44(9)

3903.6.3 Electrical-Added. Refer to OUBCC Rules Title 748:20-4-44(10)

3903.6.4 Automatic Fire-Extinguishing System-Added. Refer to OUBCC Rules Title 748:20-4-44(11)

3903.7 Carbon Dioxide Extraction-Added. Refer to OUBCC Rules Title 748:20-4-44(12)

3903.7.1 Storage and Handling-Added. Refer to OUBCC Rules Title 748:20-4-44(13)

3903.7.2 Gas Detection System-Added. Refer to OUBCC Rules Title 748:20-4-44(14)

3903.7.3 Carbon Dioxide Discharge-Added. Refer to OUBCC Rules Title 748:20-4-44(15)

3905.3 Emergency Power System-Added. Refer to OUBCC Rules Title 748:20-4-44(16)

5301.1 Scope-Modified. Refer to OUBCC Rules Title 748:20-4-58(1-6)

5302.1 Definitions-Modified. Refer to OUBCC Rules Title 748:20-4-58(7)

5306.2.2 One-hour Interior Room-Modified. Refer to OUBCC Rules Title 748:20-4-58(8)

5501.1 Scope-Modified. Refer to OUBCC Rules Title 748:20-4-60

5601.1.3 Fireworks-Amendatory. It shall be unlawful and a misdemeanor offense for any person to possess, manufacture, store, sell, handle or use any fireworks within the corporate limits of the City of Tulsa, without first having procured an operational permit from the fire code official, as required by Section 5601.2 of this code. The operational permit fee shall be as provided in Title 49, Tulsa Revised Ordinances, Chapter 14.

5601.2.4 Financial Responsibility-Amendatory. Before an operational permit is issued, as required by Section 5601.2 of this code, the applicant shall file with the City Clerk of the City of Tulsa a corporate surety bond in the principal sum of \$3,000,000 or certificate of insurance evidencing a public liability insurance policy for the same amount, for the purpose of the payment of all damages to persons or property which arise from, or are caused by, the conduct of any act authorized by the permit upon which any judicial judgment results. The fire code official is authorized to specify a greater or lesser amount when, in the fire code official's opinion, conditions at the location of use indicate a greater or lesser amount is required. Government entities shall be exempt from this bond requirement.

5705.5 Alcohol-based hand rubs classified as Class I or II liquids-Modified. Refer to OUBCC Rules Title 748:20-4-62

6106.1 Attendants-Modified. Refer to OUBCC Rules Title 748:20-4-66(1)

6106.2 Overfilling-Modified. Refer to OUBCC Rules Title 748:20-4-66(2)

6201.1 Scope-Amendatory. The storage and use of organic peroxides shall be in accordance with this chapter, Chapter 50 and *National Fire Protection Association* (NFPA) Standard Reference Number 432 listed in Chapter 80 of this code. Unclassified detonable organic peroxides that are capable of detonation in their normal shipping containers under conditions of fire exposure shall be stored in accordance with Chapter 56 of this code.

Chapter 80 Referenced Standards-Modified. Refer to OUBCC Rules Title 748:20-4-85(1-13)

Appendix A-Deleted. Appendix A of the *International Fire Code* entitled "Board of Appeals" is intentionally deleted from this code.

Appendices B through I-Added. The following appendices of the *International Fire Code* are specifically referred to, adopted and made a part of this code, as if fully set out in this chapter, with the amendments thereto:

APPENDIX B	FIRE-FLOW REQUIREMENTS FOR BUILDINGS
APPENDIX C	FIRE HYDRANT LOCATIONS AND DISTRIBUTION
APPENDIX D	FIRE APPARATUS ACCESS ROADS

APPENDIX E	HAZARD CATEGORIES
APPENDIX F	HAZARD RANKING
APPENDIX G	CRYOGENIC FLUIDS-WEIGHT AND VOLUME EQUIVALENTS
APPENDIX H	HAZARD MATERIALS MANAGEMENT PLAN (HMMP) AND HAZARDOUS MATERIALS INVENTORY STATEMENT (HMIS) INSTRUCTIONS
APPENDIX I	FIRE PROTECTION SYSTEMS-NONCOMPLIANT CONDITIONS

Appendix D-Amendatory. Appendix D of the *International Fire Code* entitled *Fire Apparatus Access Roads*, Section D 102 *Required Access* is amended in this code as follows:

D102.1 Access and Loading-Amendatory. Facilities, buildings, or portions of buildings hereafter constructed shall be accessible to fire department apparatus by way of an approved fire apparatus access road with an asphalt, concrete, or other approved driving surface capable of supporting the imposed load of fire apparatus weighing at least 88,000 pounds (39 916 kg).”

Section 2. SEVERABILITY CLAUSE. If any section, sentence, clause or phrase of this ordinance or any part thereof is for any reason found to be invalid by a court of competent jurisdiction, such decision shall not affect the validity of the remainder of this ordinance or any part thereof.

Section 3. REPEAL OF CONFLICTING ORDINANCES. That all ordinances or parts of ordinances in conflict herewith be and the same are now expressly repealed.

Section 4. EMERGENCY CLAUSE. That the amendments hereby enacted are essential to the proper, orderly and ethical conduct of the business of the City of Tulsa by its City Officials; therefore, an emergency is hereby declared to exist for the preservation of the public peace, health and safety, by reason whereof this ordinance shall take effect immediately upon its passage, approval, and publication.

ADOPTED by the Council: _____
Date

Chair of the Council

ADOPTED as an emergency measure: _____
Date

Chair of the Council

OFFICE OF THE MAYOR

Received by the Mayor: _____, at _____.
Date Time

G.T. Bynum, Mayor

By _____
Secretary

APPROVED by the Mayor of the City of Tulsa, Oklahoma: _____,
Date
at _____.
Time

Mayor

(Seal)
ATTEST:

APPROVED:

City Clerk

City Attorney

MDS