

A BILL TO CREATE AN ORDINANCE ENTITLED:

“AN ORDINANCE AMENDING SECTION 5-38 AND SECTION 5-40 OF THE CENTRALIA CITY CODE TO ADOPT THE 2015 EDITION OF THE INTERNATIONAL FIRE CODE, REGULATING AND GOVERNING THE SAFEGUARDING OF LIFE AND PROPERTY FROM THE FIRE AND EXPLOSION HAZARDS ARISING FROM THE STORAGE, HANDLING AND USE OF HAZARDOUS SUBSTANCES, MATERIALS AND DEVICES, AND FROM CONDITIONS HAZARDOUS TO LIFE OR PROPERTY IN THE OCCUPANCY OF BUILDINGS AND PREMISES IN THE CITY OF CENTRALIA, MISSOURI; PROVIDING FOR THE ISSUANCE OF PERMITS FOR HAZARDOUS USES OR OPERATIONS; AND PROVIDING FINES FOR VIOLATIONS THEREOF IN THE CITY OF CENTRALIA, MISSOURI.”

WHEREAS, was filed in the office of the City Clerk of the City of Centralia, Missouri beginning January 13, 2018, as announced by public notice in the January 17, 2018 issue of the Centralia Fireside Guard newspaper, and kept available for public use, inspection, and examination in the office of said City Clerk for more than 30 days from and after January 13, 2018; and

WHEREAS, notice of public hearing regarding the proposed adoption of the “International Fire Code – 2015 Edition” was given that a public hearing would be held on February 20, 2018 at the hour of 7:00 p.m. in the City Hall Council Chambers in Centralia, Missouri, said notice have been published in the January 17, 2018 issue of the Centralia Fireside Guard, a weekly newspaper of general circulation in Centralia, Missouri; and

WHEREAS, a public hearing was held at 7:00 p.m. on February 20, 2018 in the City Hall Council Chambers in Centralia, Missouri, by the Board of Aldermen, at which hearing citizens were given an opportunity to be heard in relation to the said proposed adoption of said fire code.

NOW, THEREFORE, BE IT ORDAINED BY THE BOARD OF ALDERMEN OF THE CITY OF CENTRALIA, MISSOURI, as follows:

SECTION 1. Section 5-38 of the Centralia City Code shall be changed, altered and amended to read as follows:

Section 5-38. International Fire Code – 2015 Edition. That a certain document, one (1) copy of which is on file in the office of the City Clerk of the City of Centralia, Missouri, being marked and designated as the “International Fire Code – 2015 Edition”, including Appendices B, C, D, E, F, G, H, I, and J, as published by the International Code Council, Inc., be and is hereby adopted as the Fire Code of the City of Centralia, Missouri, for regulating and governing the safeguarding of life and property from fire and explosion hazards arising from the storage, handling and use of hazardous substances, materials and devices, and from conditions hazardous to life or property in the occupancy of buildings and premises in the City of Centralia, Missouri, and providing for the issuance of permits for hazardous uses or operations: and each and all of the regulations, provisions, penalties, conditions and terms of such “International Fire Code – 2015 Edition”, published by the International Code Council, on file in the office of the City Clerk of the City of Centralia, Missouri, are hereby referred to, adopted and made a part hereof as if fully set out in this Chapter, with the additions, insertions, deletions and changes as hereinafter prescribed in Section 5-39 and Section 5-40.

SECTION 2. Section 5-40 of the Centralia City Code shall be changed, altered and amended to read as follows:

Section 5-40 Amendments to International Fire Code – 2015 Edition. The International Fire Code -- 2015 Edition is amended by additions, deletions, and changes including the changing of Articles, Sections, Subsections, Sub-Section Titles, and the addition of new Sections and new Sub-Sections to read as follows:

1. Add Section 100.1 Whenever (name of jurisdiction) appears in this code, it shall read “The City of Centralia"
2. Add Section 100.2 Wherever "Chief Appointing Authority of the Jurisdiction" appears in this Code, it shall read "Mayor of the City of Centralia".
3. Add section 100.3 Wherever "Department of Inspection" of “fire code official” appears in this code, it shall read "Fire Marshall of the City of Centralia."
4. Add Section 100.4 Whenever “Board of Appeals” appears in this code it shall read “Boone County Building Code Commission”
5. *Section 103.2* Delete in its entirety.
6. Add new Section 105.6.49 to read as follows:
Section 105.6.9 Fire Performance Art. An operational permit is required to use open flames defined as Fire Performance Art under Section 316 of this code.
7. *Section 105.7* Delete in its entirety and add:
Section 105.7 Required construction permits. The building code official is authorized to issue construction permits for work as set forth in Sections 105.7.1 through 105.7.14.

8. *Section 108.1* Delete in its entirety and add:
Application for appeal. Any person shall have the right to appeal to the Board of Appeals from a decision of the Code Official covering the matters pertaining to the code application for appeal may be made when it is claimed that the true intent of this code or the rules legally adopted thereunder have been incorrectly interpreted, the provisions of this code do not fully apply, or an equivalent method of protection or safety is proposed. The Board of Appeals shall have no authority to waive requirement of the code.
9. *Section 108.2 Limitation on Authority.* Delete in its entirety.
10. *Section 108.3 Qualifications.* Delete in its entirety.
11. *Section 109.3* Delete in its entirety and add:
Violation penalties. Any person who shall violate a provision of this code or shall fail to comply with any of the requirements thereof or who shall erect, install, alter, repair or do work in violation of the approved construction documents or directive of the Code Official, or of a permit or certificate issued under the provision of this code, shall be guilty of an ordinance violation and, upon conviction, shall be punished by a fine of from one dollar (\$1.00) to not more than five hundred dollars (\$500.00). Each day that a violation continues shall be deemed a separate offense.
12. *Section 111.4* Delete in its entirety and add:
Failure to comply. Any person who shall continue any work after having been served with a stop work order, except such work as that person is directed to perform to remove a violation or unsafe condition, shall be guilty of an ordinance violation and, upon conviction, shall be punished by a fine of from one dollar (\$1.00) to not more than five hundred dollars (\$500.00). Each day that a violation continues shall be deemed a separate offense.
13. Section 308.1.4 Open-flame cooking devices. Add exceptions A, B, and C as follows:
Exceptions:
 - A. One- and two-family dwelling.
 - B. Apartment buildings and condominiums.
 - C. Where buildings, balconies and decks are protected by an automatic sprinkler system.
14. *Add new Section 319 Fire Performance Art*, with subsections 1 through 9 to read as follows:
Section 318 Fire Performance Art

Section 319.1 General. Fire performance art shall be defined as any act (fire juggling, fire eating, etc.) in a public or private place, which utilizes fire for entertainment purposes, outside of a protective housing or in ways which it travels through the air (by one person or multiple persons). These acts do not include pyrotechnics or other open flame devices as regulated by other code sections or permits.

Section 319.2 Permits. A permit in accordance with 105.6.33 shall be secured from the fire code official prior to the date of the fire performance art taking place.

Section 319.3 Space considerations. A 10-foot distance shall be maintained between the fire-involved item and any member of an audience, any combustible decorations, and any combustible item within the immediate performance area. A minimum 10-foot ceiling height is required.

Section 319.4 Extinguishing Agents. At minimum of one (1) 2A-10BC multipurpose fire extinguisher shall be required for every five (5) performers at each performance. Additional fire extinguishers may be required by the code official based upon the unique circumstances of the performance and occupancy.

Section 319.4.1. One wet towel for each active fire performer shall be provided to extinguish the fire implement. The towel shall be white in color to differentiate its use from other colors that may be used to clean up flammable or combustible liquid spills. Towels used for cleaning up flammable or combustible liquid spills shall be stored in a metal container with a tight fitting lid.

Section 319.4.2. On listed fire blankets shall be provided for every five (5) performers.

Section 319.5. Personal Safety. A five gallon open-topped bucket of water will be provided for each fire performance area.

Section 319.5.1 Spotter. One trained spotter shall be provided for each performance. The spotter shall be positioned between the active fire performer and the audience. Spotters should be trained in the proper use of fire extinguishers. The spotter may be a performer who is not engaged in the current performance. The fire code official may require additional spotters based on the unique circumstance of the performance and occupancy.

Section 319.6 Fuels. Approved common fuels used for fire performance art include:
Denatured alcohol Lamp Oil (odorless and smokeless)
Kerosene (For outdoor performance only)
Stove Fuel
"Shell Sol T" brand fuel

“Allume Fue” brand fuel
“Fuel Water” brand fuel
Gasoline is prohibited under any circumstances.

Section 319.6.1 Fuel Quantities and Storage. All fuels shall be stored in their original container(s) with the caps in place when not in use. The maximum quantity of fuel on the site shall be one (1) U. S. Gallon per performer.

Section 319.7 Wicks. Wick material shall consist of cotton wrapped in Kevlar to prevent the breakdown of the cotton as it burns. Synthetic wick material shall be avoided.

Section 319.8 Clothing. It is recommended that the clothing worn by the performers be made of fire resistive materials such as natural fibers or Nomex_/PBI.

Section 319.9 Smoking. Smoking is prohibited within 50 feet of the performance area and fuel storage. No smoking signs shall be posted accordingly.

15. Add Section 505.1.2 to read as follows:

Section 505.1.2 Each exterior egress doorway on a commercial building shall have a letter affixed to upper left corner of the exterior face of the door beginning with the main entrance door being labeled “A” and working clockwise around the building in alphabetical order. The letters shall be of a reflective material, blue in color, a minimum of six (6) inches tall with a minimum stroke of 0.5 inches. On K-12 school buildings there shall be an identical letter affixed on the interior face of the door consisting of the same size, location, color and reflective material.

Add Section 505.1.3 Window Labeling: Exterior windows on K-12 school buildings shall be labeled to identify the room number or room letter which corresponds to the school map. The letters shall be of a reflective material, blue in color, a minimum of four (4) inches tall with a minimum stroke of 0.25 inches.

16. *Section 507.3 Fire Flow* Delete in its entirety and add new Section 507.3 as follows:

Section 507.3 Fire Flow Fire hydrants in areas zoned as single family, duplex or agricultural shall be spaced no greater than every five hundred (500) feet and shall be capable of flowing a minimum of five hundred (500) gallons of water per minute for a minimum of two (2) hours. In all other areas, fire hydrants shall be spaced no greater than every three hundred (300) feet and shall be capable of flowing one thousand (1,000) gallons per minute for a minimum of two (2) hours; as measured by an approved route around the exterior of the facility or building. On site fire hydrants and mains shall be provided where required by the code official. All water supply mains shall be constructed to be no less than six inches in diameter.

17. *Section 507.3.1* Add new Section 507.3.1

Section 507.3.1 Where the City of Centralia cannot meet the minimum standards in Section 507.3 and or Section B105.1, alternative safety measures will need to be presented to the code official for official consideration. All approved alternatives must be approved in writing by the Building Code Official and the fire code official

14. *Section 507.5.1.* Delete in its entirety.

15. *Section 507.5.1.1* is re-designated to be *Section 507.5.1.*

16. *Section 510.1 through Section 510.3* Delete in their entirety and add new Section 510.1 to read as follows:

Section 510.1 Emergency responder radio coverage in buildings shall be provided in all new high-rise buildings and other buildings when specifically required by the City of Centralia based on known substantiated problems associated with radio coverage.

17. Add new *Section 609.4* to read as follows:

Section 609.4 Existing fire suppression systems not meeting the UL 300 criteria shall be upgraded to UL 300 compliant systems within three (3) years of the adoption of this code.

18. *Section 704.1 Enclosure.* Add exception to read as follows:

Exception. Where any structure has previously received a certificate of compliance or a certificate of occupancy has been maintained accordingly and complies with the following:

- A. Smoke detectors shall be installed in all shafts and corridors, if such exist.
- B. Shaft and corridor smoke detectors shall receive their primary power from the building wiring and when primary power is interrupted, shall receive power from a battery. Wiring shall be permanent and without a disconnecting switch other than those required for over current protection.
- C. All smoke detectors in shafts and corridors, if such existing, shall be interconnected such that the actuation of one alarm will actuate all the alarms in the shafts and corridors.
- D. Any structure in compliance with the provisions of Section 704.1 shall maintain such compliance.

This exception shall not apply to structures that are renovated, remodeled or altered in excess of (50) percent of the current value of the structure.

19. *Section 903.4.2 Alarms.* Add the following after the last sentence:

A combination horn strobe shall be installed above the Fire Department Connection (FDC) on all sprinkler systems.

20. *Section 912.3.1 Locking fire department connection caps.* Add the following after the last sentence:
Fire department connections (FDC) shall be a four (4) inch Storz_ connection and shall utilize a Knox_ locking FDC cap.
21. *Section 1011.1 Illuminated Exit Signs – Where required.* Add the following to the end of the first paragraph:
Illuminated exit signs in A1, A2, R-1 and R-2 use groups shall be placed above exit doors and to the side of exit doors 18 inches from the floor. The floor level exit signs shall be protected by a guard to prevent physical damage. This amendment shall not be retroactive in nature, and shall not apply to structures built prior to April 16, 2015.
22. *Section 1011.5 Exit sign illumination.* Add the following to the end of the first paragraph:
Internally illuminated exit signs shall not use incandescent light bulbs relying upon a filament for the source of illumination. This amendment shall be applicable under the following Conditions:
In all new and remodeled construction where illuminated exit signs are required or provided; and when exit signs are replaced or deemed inoperable by the City of Centralia, and where an exit sign is installed in new locations in existing buildings, upon order of the code official or designee.
This provision shall not be retroactive in nature, and shall not apply to structures built prior to April 16, 2015.
23. *Section 1018.1 Corridors.* Add an exception to read as follows:
Exception. Where any structure has previously received a certificate of compliance or a certificate of occupancy, has been maintained accordingly and complies with the following:
 - A. Smoke detectors shall be installed in all shafts and corridors, if such exist.
 - B. Shaft and corridor smoke detectors shall receive their primary power from the building wiring and when primary power is interrupted, shall receive power from a battery. Wiring shall be permanent and without a disconnecting switch other than those required for over current protection.
 - C. All smoke detectors in shafts and corridors, if such existing, shall be interconnected such that the actuation of one alarm will actuate all the alarms in the shafts and corridors.This exception shall not apply to structures that are renovated, remodeled or altered in excess of fifty (50) percent of the current value of the structure
24. *Section 1020.1 General.* Add an exception to read as follows:
Exception. Where any structure has previously received a certificate of compliance or a certificate of occupancy, has been maintained accordingly and complies with the following:
 - A. Smoke detectors shall be installed in all shafts and corridors, if such exist.
 - B. Shaft and corridor smoke detectors shall receive their primary power from the building wiring and when primary power is interrupted, shall receive power from a battery. Wiring shall be permanent and without a disconnecting switch other than those required for over current protection.
 - C. All smoke detectors in shafts and corridors, if such existing, shall be interconnected such that the actuation of one alarm will actuate all the alarms in the shafts and corridors.This exception shall not apply to structures that are renovated, remodeled or altered in excess of fifty (50) percent of the current value of the structure
25. *Section B105.1 One- and two-family dwellings.* Delete in its entirety and add
The minimum fire flow requirements for one- and two-family dwellings having a fire area which does not exceed five thousand (5000) square feet shall be five hundred (500) gallons of water per minute for a minimum of two (2) hours. When the residence exceeds five thousand (5000) square feet, the fire flow requirements one thousand (1,000) gallons per minute for a minimum of two (2) hours. Where the City of Centralia cannot meet the minimum standards, alternative safety measures will need to be presented to the code official for consideration..
26. *Section B105.2 Buildings other than one- and two-family dwellings.* Delete in its entirety and add:
The minimum fire flow and fire flow duration for buildings other than one-and two-family dwelling units shall be one thousand (1,000) gallons per minute for a minimum of two (2) hours. The code official may use table B105.1 and provisions allowed in Appendix B to determine fire flows under special circumstances
27. *Section C105.1 Fire hydrant spacing.* Delete in its entirety and add
C105.1 Fire hydrant spacing. Fire hydrants shall have a maximum spacing of 500 feet in all R-1 (Single Family Dwelling), and R-2 (Two-Family Dwelling) zoning districts and 300 feet in all other zoning districts. Fire hydrants spacing for buildings that are required by the 2015 edition of the International Building Code to have a fire flow greater than or equal to six thousand (6,000) gallons per minute shall be regulated by Table C105.1
28. *Section C105.2 Fire hydrant spacing.* Add a new Section C105.2 to read as follows:
Section C105.2 Fire hydrant spacing. A fire hydrant capable of flowing a minimum of one thousand (1,000) gallons per minute for a minimum of two hours shall be placed within 100 feet of any fire department connection (FDC). This hydrant shall be placed so that it does not impede access to the building or area by responding fire department equipment.

SECTION 3. All ordinances or parts of ordinances in conflict herewith are hereby repealed.

SECTION 4. This ordinance shall take effect and be in full force and effect from and after the date of its passage and approval.

PASSED by the Board of Aldermen this 19th day of March, 2018.

Alderman Wilkins – yes
Alderman Hudson – yes
Alderman Lee – yes

Alderman Vollrath - yes
Alderman Rodgers - yes
Alderman Magley - yes

Presiding Officer

ATTEST:

City Clerk, Heather Russell

This ordinance approved by the Mayor this 19th day of March, 2018.

Mayor, Tim Grenke

ATTEST:

City Clerk, Heather Russell

G:\Heather\Ordinance\Ordinances\2950_Adoption Intl Fire Code 2015 Edition_031918.docx