

One-rdg. \_\_\_\_\_  
P. Hrngs. \_\_\_\_\_  
Pgs. 5  
Filed 10-29-19

Sponsored by Ollis, Lear and McGull

First Reading November 4, 2019

Second Reading November 18, 2019

COUNCIL BILL 2019- 254

GENERAL ORDINANCE 6558

AN ORDINANCE

1 AMENDING Chapter 36 of the Springfield City Code, known as the 'Land Development  
2 Code,' by repealing Article IX, 'Mechanical Code,' in its entirety, and  
3 enacting in lieu thereof a new Article IX, 'Mechanical Code.'  
4 (Recommended by Plans and Policies Committee.)  
5  
6

7 BE IT ORDAINED BY THE COUNCIL OF THE CITY OF SPRINGFIELD,  
8 MISSOURI, as follows, that:  
9

10 Section 1 – Springfield City Code, Chapter 36, Article IX, 'Mechanical Code,' is  
11 repealed in its entirety and a new Article IX is enacted in lieu thereof, to read as follows:  
12

13 (Note: Language to be added is underlined and language being removed is ~~stricken~~.)  
14

15 ARTICLE IX. – MECHANICAL CODE

16 Sec. 36-631. – Adoption of 2018 Mechanical Code.

17  
18 City Council hereby adopts the 2018 International Mechanical Code, as published by  
19 the International Code Council, and all referenced standards therein as if spelled out in  
20 this Ordinance, except such portions thereof as are hereinafter deleted, modified, or  
21 amended. This Code is designated as Article IX, 'Mechanical Code,' of Chapter 36 of  
22 the Springfield City Code, known as the 'Land Development Code.' One (1) copy of said  
23 code is on file in the office of the City Clerk, Busch Municipal Building, 840 Boonville  
24 Avenue, Springfield, Missouri.  
25

26  
27 Sec. 36-632. – Deletions, modifications, amendments, and additions.  
28

29 The 2018 International Mechanical Code, as adopted, is hereby amended and changed  
30 as follows:  
31

32 (a) Chapter 1 is repealed in its entirety because code enforcement is covered in  
33 Springfield City Code Chapter 36, Land Development Code, Article I,

34 Administration and Enforcement of Codes and Article X, Uniform Enforcement  
35 Procedures.

36  
37 (b) Because Chapter 1 is repealed in its entirety, any cross references to Chapter 1  
38 in subsequent chapters are replaced by the provisions in Article I that  
39 correspond, in content, to such cross references.

40  
41 (c) All adopted chapters and appendices include all errata hereafter published by the  
42 International Code Council after the date of the first printing of the 2018  
43 International Mechanical Code.

44  
45 301.19 Work materials and equipment in a regulated floodplain. All work  
46 materials and equipment performed or installed within a regulated floodplain shall  
47 comply with requirements stipulated in Chapter 36, Article XVII Floodplain  
48 Management. Equipment and material subject to damage by floodwater within a  
49 regulated floodplain shall be elevated not less than two feet above the base flood  
50 elevation. All other provisions in this code that refer to work, materials or  
51 equipment in a floodplain are repealed and shall be disregarded.

52  
53 304.11 Guards

54  
55 Exception: Guards are not required on small, walk in-coolers or freezers that are:

- 56  
57 1. factory-built;  
58  
59 2. assembled on site;  
60  
61 3. used only by employees;  
62  
63 4. not continuously occupied; and,  
64  
65 5. no greater than 500 square feet in size.

66  
67 307.2.1 Condensate disposal. Condensate from all cooling coils and evaporators  
68 shall be conveyed from the drain-pan outlet to an approved place of disposal.  
69 Such piping shall maintain a minimum horizontal slope in the direction of  
70 discharge of not less than one-eighth unit vertical in 12 units horizontal (1 percent  
71 slope). Condensate shall not discharge into a street, alley, crawl space, or other  
72 areas to cause a nuisance.

73  
74 502.14 Motor vehicle operation.

75  
76 Exception: 4. If it can be shown, subject to the approval of the code official having  
77 jurisdiction, that the area of motor vehicle operation in an existing building was  
78 previously used as a motor vehicle operation area, a properly listed and labeled exhaust  
79 hose not greater than eight (8) feet in length may be used, provided it is connected to

80 the vehicle while in operation and securely attached to a permanent opening through  
81 the exterior surface of the building.

82  
83 506.3.2.5 Grease duct test. Prior to the use or concealment of any portion of a grease\_  
84 duct system, a leakage test shall be performed. Ducts shall be considered to be  
85 concealed where installed in shafts or covered by coating or wraps that prevent the  
86 ductwork from being visually inspected on all sides. The permit holder shall be  
87 responsible to provide the necessary equipment and perform the grease\_duct\_leakage  
88 test. ~~A light test shall be performed to determine that all welded and grazed joints are~~  
89 ~~liquid tight. A light test shall be performed by passing a lamp having a power rating of~~  
90 ~~not less than 100 watts through the entire section of ductwork to be tested. The lamp~~  
91 ~~shall be open so as to emit light equally in all directions perpendicular to the duct walls.~~  
92 ~~A test shall be performed for the entire duct system including the hood to duct~~  
93 ~~connection. The duct work shall be permitted to be tested in sections, provided that~~  
94 ~~every joint is tested. For listed factory built grease ducts, this test shall be limited to duct~~  
95 ~~joints assembled in the field and shall exclude factory welds. The grease duct shall be~~  
96 ~~tested by drawing a vacuum on or pressurizing the installed, in place, grease duct to a~~  
97 ~~minimum of 4 inches water column (995 pa, 0.144 psi). The test shall be witnessed by~~  
98 ~~the code official or the code official's duly authorized agent. The grease duct will pass~~  
99 ~~inspection if the pressure or vacuum applied holds for 15 minutes with zero leakage.~~  
100 ~~Measurement shall be made with a digital manometer or pressure gauge with an~~  
101 ~~accuracy of +/- 0.5 percent. The measurement device shall be connected to the test~~  
102 ~~cover of the hood and duct connection and shall be readily accessible for reading.~~

103  
104 509.2 Domestic Uses. Cooking appliances required by section 505.6 to have a  
105 domestic, cooking-exhaust system shall be provided with a UL 300 A listed fire  
106 suppression system.

107  
108 Sec. 36-633. – Adoption of appendix.

109  
110 By adoption of the 2018 International Mechanical Code, Appendix A, Chimney  
111 Connector Pass-Throughs is part of this code.

112  
113 Sec. 36-634. – Penalty clause.

114  
115 Any person convicted of: violating this article; failing to comply with any order  
116 issued under it; or, erecting, constructing, altering, or repairing a building, structure, or  
117 system in violation of an approved plan or directive of the code official or of a permit or  
118 certificate issued under these codes shall be punished as provided in section 1-7 of the  
119 City Code. A fine must be at least \$200.00 for the first offense, \$400.00 for the second  
120 offense, and \$500.00 for every offense thereafter. Notice under section 36-166 is not  
121 necessary to prosecute a violation of any provision of this article or these codes, unless  
122 the violation involves failure to comply with an order. Each day a violation continues is a  
123 separate offense.

124



**EXPLANATION TO COUNCIL BILL 2019-254**

FILED: 10-29-19

ORIGINATING DEPARTMENT: Building Development Services

PURPOSE: Amending Chapter 36 of the Springfield City Code, known as the 'Land Development Code,' by repealing Article IX, 'Mechanical Code,' in its entirety, and enacting in lieu thereof a new Article IX, 'Mechanical Code.' (Recommended by Plans and Policies Committee.)

BACKGROUND AND REMARKS: The current mechanical code enforced by the City is the 2012 International Mechanical Code. By adopting the 2018 International Mechanical Code, the City will be adopting the most up-to-date, nationally-recognized, mechanical code. The provisions contained within this Ordinance do not unnecessarily increase construction costs; do not restrict the use of new materials, productions, or methods of construction; and, do not give preferential treatment to particular types or classes of materials, products, or methods of construction.


The proposed Ordinance was presented to the Plans and Policies Committee on October 17, 2019, and approved by Councilman Ollis, Councilman Lear and Councilman McGull.

The Building Development Services Department ("BDS") has met with representatives of the local design and construction industry over the course of the past several months to discuss the ramifications of adopting this new code. Comments were requested from designers, electricians, plumbers, mechanical contractors, gas fitters, general contractors, developers, and others that may be affected by the adoption of this code. The language of this Ordinance was placed on the City website for review by the members of the Home Builders Association, Springfield Contractors Association, Missouri Society of Professional Engineers, and the local chapter of the American Institute of Architects.

Submitted by:

  
\_\_\_\_\_  
Harlan Hill, Director  
Building Development Services

Approved by:

  
\_\_\_\_\_  
Jason Gage,  
City Manager