

CITY OF STERLING

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ORDINANCE NO. 2018-05-14

**ORDINANCE AMENDING THE STERLING CITY CODE BY AMENDING  
CHAPTER 18, ARTICLE V, SECTIONS 18-151 and 18-152 TO ADOPT THE  
INTERNATIONAL MECHANICAL CODE OF 2015**

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ADOPTED BY THE

COUNCIL

OF THE

CITY OF STERLING

THIS 7<sup>th</sup> DAY OF May, 2018

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Published in pamphlet form by authority of the Council of the City of Sterling, this 8<sup>th</sup>  
day of May, 2018.

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CHAPTER 18, ARTICLE V, SECTIONS 18-151 and 18-152 TO ADOPT THE  
INTERNATIONAL MECHANICAL CODE OF 2015**

**Be it Ordained** by the City Council of the City of Sterling, Whiteside County, Illinois, as follows:

**SECTION 1.** That Chapter 18, Article V, Sections 18-151 and 18-152 of the Sterling City Code, as amended, are hereby further amended to read in full as follows:

*“Sec. 18-151. International Mechanical Code – Adoption.*

There is hereby adopted as the mechanical code of the city, for purposes of regulating and governing the design, construction, quality of materials, erection, installations, alteration, repair, location, relocation, replacement, addition to, use or maintenance of mechanical systems as provided therein and providing for the issuance of permits and collection of fees therefor, that certain document entitled "International Mechanical Code, 2015 Edition" (referred to herein as "2015 IMC") as published by the International Code Council including thereto appendix A and the 2015 Errata sheet. Each and all of the regulations, provisions, penalties, conditions and terms of said 2015 IMC, as on file in the office of the building official, are hereby referred to, adopted and made a part hereof, as if fully set out in this article, with the additions, insertions, deletions and changes as prescribed in Section 18-152.

*Sec. 18-152. Same – Amendments.*

The following sections of the International Mechanical Code of 2015, adopted in section 18-151 of this Code, are amended as provided in this section.

*Section 101.1. Title.* Insert: City of Sterling.

*Section 106.5.2. Fee Schedule.* The fee scheduled set forth in Section 18-2 of the City Code is hereby adopted as the fee schedule hereunder.

*Section 106.5.3. Fee Refunds,* as contained in the International Mechanical Code is deleted.

*Section 108.4. Violation Penalties.* Insert: \$75.00 to \$750.00.

*Section 108.5. Stop Work Orders.* Insert: \$100.00 to \$750.00.

*Section 309.1 Space-heating systems* is amended as follows: Interior spaces intended for human occupancy shall be provided with active heating systems capable of maintaining a minimum indoor temperature of 68°F (20°C) at a point 3 feet (914 mm) above floor on the design heating day. The installation of portable space heaters shall not be used to achieve compliance with this section.

Exception:

1. Interior spaces where the primary purpose is not associated with human comfort.

*Section 508.1 Makeup air* is amended as follows: Makeup air shall be supplied during the operation of commercial kitchen exhaust systems that are provided for commercial cooking appliances. The amount of makeup air supplied to the building from all sources shall be approximately equal to the amount of exhaust air for all exhaust systems for the building. The makeup air shall not reduce the effectiveness of the exhaust system. Makeup air shall be provided by mechanical means. Mechanical makeup air systems shall be automatically controlled to start and operate simultaneously with the exhaust system. Makeup air intake opening locations shall comply with Section 401.4.

*Section 603.6.1.1 Duct length* is amended as follows: Flexible air ducts shall be limited in length to 8 feet overall from termination point and contain no more than the equivalent of one 90 degree turn with no offset greater than 45 degrees. All flexible air ducts shall be of the insulated type. Flexible ducts shall be used only for branches.

*Section 603.6.2.1 Connector length* is amended as follows: Flexible air connectors shall be limited in length to 8 feet overall from termination point and contain no more than the equivalent of one 90 degree turn with no offset greater than 45 degrees. All flexible air connectors shall be of the insulated type. Flexible ducts shall be used only for branches.

*Section 801.2.2 Fuel burning appliances* is added as follows: PVC vent piping for a fuel burning appliance that is located in a concealed space shall be marked/labeled every 36 inches so as to distinguish it from plumbing or other piping.

*Section 905.1.1. Solid Fuel Burning Appliances.* The use of solid fuel burning appliances for heating purposes in all use groups is hereby prohibited in the area bounded as follows: starting at the center line of 4<sup>th</sup> Avenue and East 2<sup>nd</sup> Street, north along the center line of 4<sup>th</sup> Avenue to East 4<sup>th</sup> Street; thence west along the center line of East 4<sup>th</sup> Street to the center line of 2<sup>nd</sup> Avenue; thence north along the center line of 2<sup>nd</sup> Avenue to the center line of East 5<sup>th</sup> Street; thence along the center line of 5<sup>th</sup> Street to Avenue C; thence south along the center line of Avenue C to the center line of West 2<sup>nd</sup> Street extended; thence east along the center line of 2<sup>nd</sup> Street to the place of beginning.

*Section 918.7 Furnace cement or welding* is added as follows: The use of furnace cement or welding for the repair of furnace heat exchangers is prohibited.

*Section 929 Unvented Room Heaters* is added as follows: Unvented room heaters and/or fireplaces are prohibited.

*Section 1002.1.1 Installation is added as follows: Water heaters greater than 5 gallons shall not be elevated more than 18" above finished floor (AFF). When elevated, the appliance shall be secured in an approved manner.*

*Any reference within the 2015 IMC to any plumbing code shall mean the State of Illinois Plumbing Code as may be amended from time to time..*

*Any reference within the 2015 IMC to ICC Electrical Code shall mean the National Electrical Code (NFPA-70).*

**SECTION 2.** The provisions and sections of this ordinance shall be deemed to be separable, and the invalidity of any portion of this ordinance shall not affect the validity of the remainder.

**SECTION 3.** All ordinances and parts of ordinances in conflict herewith are, to the extent of such conflict, hereby repealed.

**SECTION 4.** The City Clerk is hereby directed to publish this ordinance in pamphlet form.

**SECTION 5.** This ordinance shall be in full force and effect on and after the 7<sup>th</sup> day of May, 2018, following its passage, approval, and publication as required by law.

Passed by the Mayor and the City Council of the City of Sterling on the 7<sup>th</sup> day of May, 2018.

Chas L "Shy" Lee  
Mayor

Maie Bombardo  
ATTEST: City Clerk