

**FOR DISTRIBUTION AT THE
REGULAR CITY COUNCIL
MEETING
FEBRUARY 21, 2023**

AGENDA NO. 2023-008

PROPOSED AMENDMENT NO. 1

AN ORDINANCE AMENDING CHAPTERS 170, 172, AND 94 OF THE 1988 CITY OF SPRINGFIELD CODE OF ORDINANCES, AS AMENDED, ADOPTING UPDATED INTERNATIONAL CODES AND FIRE SAFETY CODES, FOR THE OFFICE OF PUBLIC WORKS

AGENDA NO. 2023-061

AN ORDINANCE AMENDING CHAPTER 36, SECTION 36.04(4), OF THE 1988 CITY OF SPRINGFIELD CODE OF ORDINANCES, AS AMENDED, PERTAINING TO APPOINTMENTS

**AN ORDINANCE AMENDING CHAPTER 36, SECTION 36.04(c),
OF THE 1988 CITY OF SPRINGFIELD CODE OF ORDINANCES, AS
AMENDED, PERTAINING TO APPOINTMENTS**

WHEREAS, the City of Springfield is a home rule unit as defined in Article VII, Section 6(a) of the 1970 Illinois Constitution and has jurisdiction over matters pertaining to its government and affairs; and

WHEREAS, Chapter 36, Section 36.04(c) pertains to temporary appointments; and

WHEREAS, it is in the best interest of the City to amend Section 36.04(c) to limit the amount of time an individual may serve in an acting capacity.

NOW, THEREFORE, BE IT ORDAINED BY THE COUNCIL OF THE CITY OF SPRINGFIELD, ILLINOIS:

Section 1: That the City Council hereby amends Chapter 36, Section 36.04, of the 1988 City of Springfield Code of Ordinances, as amended, as follows:

§ 36.04(c). - Exemptions; return to merit appointment.

(c) Prior to formal review by the aldermen for those department and office head positions requiring confirmation by the city council, individuals temporarily assigned to such positions or nominated for such positions by the mayor may serve in an acting capacity at the then current salary of the employee (if employed by the city) or at a salary established by the city council for individuals not employed by the city. An individual temporarily assigned to such position or nominated for such position by the mayor may not serve in an acting capacity for more than a ~~twelve (12) month~~ 90 day period. Once the nominee has secured confirmation, he/she will be eligible to receive a higher salary (within existing fiscal year budgetary parameters) commensurate with his/her new responsibilities and retroactive to the date he/she originally assumed the new job responsibilities.

While serving in an acting capacity, the nominee may effect no changes in existing personnel staffing without the prior consent of the appointing authority.

Section 2: That to the extent that there is any inconsistency between the provisions of Section 36.05 of the 1988 City Code of Ordinances, as amended, and the provisions of any collective bargaining agreements entered into by the City of Springfield, the provisions of the collective bargaining agreement shall prevail.

Section 3: That the City Clerk is hereby directed to publish this ordinance in pamphlet form.

Section 4: That this ordinance shall become effective May 1, 2023.

PASSED:_____, 2023

SIGNED:_____, 2023

RECORDED:_____, 2023

Mayor James O. Langfelder

ATTEST:_____
City Clerk Frank Lesko

Approved as to legal sufficiency:

Requested by: Alderman Donelan

Office of Corporation Counsel/Date

ORDINANCE FACT SHEET

REQUEST FORM NO: _____

DATE OF 1ST READING: 2/21/23

OFFICE REQUESTING: Alderman Donelan

CONTACT PERSON: _____

PHONE NUMBER: _____

EMERGENCY PASSAGE: No ☒ Yes ☐ If yes, explain justification.

TYPE OF ORDINANCE: Code Change

FISCAL IMPACT: _____

(If amending a previous ordinance, please attach a copy of the previous ordinance)

SUGGESTED TITLE:

AN ORDINANCE AMENDING CHAPTER 36, SECTION 36.04(4), OF THE 1988 CITY OF SPRINGFIELD CODE OF ORDINANCES, AS AMENDED, PERTAINING TO APPOINTMENTS

Please list supporting documentation (i.e., contract, agreement, change order, bid book, etc.)

CONTRACTOR / VENDOR NAME: _____

VENDOR NO: _____

CONTRACT TERM: _____

CONTRACT # _____

Change in Scope Yes ☐ No ☐

CONTRACT AMOUNT: _____

(Original amount if change order)

Change Order # _____

Additional Amount _____

Method of Purchase (check one)

☐ Low Bid

☐ Other: _____

Previous Ord #'s _____

☐ Low Bid Meeting Specs

☐ Exception: _____

Is Purchasing Agent approval required? No ☐ Yes ☐

☐ Low Evaluated Bid

Code Provision: _____

Is Purchasing Agent approval attached? No ☐ Yes ☐

Accounting information (if more than four accounts, please attach list)

REVENUE

	Fund	Agency	Org	Activity	Source	Amount
1						
2						
3						
4						

EXPENDITURE

	Fund	Agency	Org	Activity	Object	Amount
1						
2						
3						
4						

FUNDS CHECK BY: _____

Date: _____

DIRECTOR / SUPERVISOR SIGNATURE _____

Date: _____

CITY PURCHASING AGENT: _____

Date: _____

COMMENTS

Changing temporary appointment time from 12 months to 90 days.

SIGN OFF: _____

(Director of OBM)

**AN ORDINANCE AMENDING CHAPTERS 170, 172, AND 94 OF THE
1988 CITY OF SPRINGFIELD CODE OF ORDINANCES, AS AMENDED,
ADOPTING UPDATED INTERNATIONAL CODES AND FIRE SAFETY
CODES FOR THE OFFICE OF PUBLIC WORKS**

PROPOSED AMENDMENT NO. 1

WHEREAS, the City of Springfield is a home rule unit as defined in Article VII, Section 6(a) of the 1970 Illinois Constitution and has jurisdiction over matters pertaining to its government and affairs; and

WHEREAS, these proposed changes adopt the updated International Building, Residential, Existing Building, Mechanical, Fuel Gas, Property Maintenance, Swimming Pool enclosures and Safety Devices, Shipping Containers, Electrical Codes and Fire Safety Codes; and

WHEREAS, said proposed code changes are effective as of January 1, 2023; and

WHEREAS, it is in the best interest of the City to amend Chapters 170, 172 and 94 to be consistent with the updated versions of the International Codes and Fire Safety Codes.

NOW THEREFORE, BE IT ORDAINED BY THE COUNCIL OF THE CITY OF SPRINGFIELD, ILLINOIS:

Section 1: The City Council of the City of Springfield, Illinois, hereby amends Chapters 170, 172 and 94 of the 1988 City of Springfield Code of Ordinances, as amended, as outlined in Exhibit A of this Ordinance, which is attached hereto and made a part hereof.

Section 2: The updated International Building, Residential, Existing Building, Mechanical, Fuel Gas, Property Maintenance, Swimming Pool enclosures and Safety Devices, Shipping Containers, Electrical Codes and Fire Safety Codes are effective as of January 1, 2023.

Section 3: The City of Springfield Office of the City Clerk is hereby directed to publish this ordinance in pamphlet form.

PASSED: _____, 2023

SIGNED: _____, 2023

RECORDED: _____, 2023

Mayor James O. Langfelder

ATTEST: _____
City Clerk Frank J. Lesko

Approved as to legal sufficiency:

Requested by: Mayor James O. Langfelder

Office of Corporation Counsel

CHAPTER 172. ELECTRICAL CODE¹

ARTICLE I. ELECTRICAL CODE

§ 172.10.01. Citation.

This article shall be known as the "electrical code" and may be so cited.

(Ord. No. 826-12-06, § 1(Exh. A), 12-19-06)

§ 172.10.02. Purpose and scope.

The purpose of this article is to adopt a complete electrical code including provisions for issuance of permits, the collection of fees, inspection, and regulations of electrical installations and to provide penalties for violations.

(Ord. No. 826-12-06, § 1(Exh. A), 12-19-06)

§ 172.10.03. Adoption of the National Electrical Code.

- (a) The National Electrical Code (NEC), ~~2011~~ 2017 Edition as copyrighted by the National Fire Protection Association is hereby adopted and incorporated herein by reference pursuant to the authority of 65 ILCS 5/1-3-1 through 5/1-3-6 and pursuant to the power granted to the city by the Home Rule Provisions of the Illinois Constitution of 1970. In the event any of the provisions of the National Electrical Code are in conflict with any state regulation or any other ordinance of the city, or any provisions of this chapter, the more restrictive regulations or ordinances shall prevail.

(Ord. No. 826-12-06, § 1(Exh. A), 12-19-06; Ord. No. 409-11-13, § 1(Exh. A), 11-19-13)

§ 172.10.04. Application to existing electrical systems and equipment.

- (a) *Additions, alterations or repairs.* Additions, alterations or repairs may be made to an electrical system and equipment without requiring the existing electrical system and equipment to comply with all the requirements of this Code, provided the addition, alteration or repair conforms to that required for a new electrical system and equipment and provided further that no hazard to life, health or safety will be created by such additions, alterations or repairs.
- (b) *Existing installations.* Electrical systems and equipment lawfully in existence at the time of the adoption of this code may have their use, maintenance or repair continued if the use, maintenance or repair is in accordance with the original design and no hazard to life, health or property has been created by such electrical system and equipment.

¹Editor's note(s)—Ord. No. 519-07-05, § 1, adopted July 19, 2005, amended Chapter 172 in its entirety to read as herein set out. Former Chapter 172 pertained to similar subject matter. See the Code Comparative Table for full derivation.

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- (c) *Changes in building occupancy.* Electrical systems and equipment which are a part of any building or structure undergoing a change in use or occupancy, as defined in the 2006 International Building Code, shall comply with the requirements of this Code which are applicable to the new use or occupancy, except that subject to the approval of the building official, the new use or occupancy may be allowed without conforming to all requirements of this Code provided the new use or occupancy proposed is no more hazardous than the previous use.
 - (d) *Maintenance.* All electrical systems and equipment, both existing and new, and all parts thereof shall be maintained in a proper operating condition in accordance with the original design and in a safe and hazard-free condition. All devices or safeguards which are required by this Code shall be maintained in conformance with this Code. The owner or designated agent shall be responsible for the maintenance of the electrical system. To determine compliance with this subsection, the building official may cause any electrical system to be reinspected.
 - (e) *Moved building.* Electrical systems and equipment which are a part of buildings or structures moved into or within this jurisdiction shall comply with the provisions of this Code for new installations.

(Ord. No. 826-12-06, § 1(Exh. A), 12-19-06)

§ 172.10.05. Prohibited activity.

The electrical inspectors shall not engage directly or indirectly in the sale, furnishing, installation, or maintenance of electrical equipment, nor shall they maintain a financial interest in any concern engaging in the business in the city. Violation of these provisions shall be cause for suspension and removal. Nothing in this section shall be construed to prohibit the electrical inspectors from the sale, purchase or maintenance of real property as a personal residence or as investment rental property in the city. However, the inspectors shall not exercise official inspection authority over the construction, remodeling, or maintenance of the structures or electrical devices located therein.

(Ord. No. 826-12-06, § 1(Exh. A), 12-19-06)

§ 172.10.06. Definitions.

For the purpose of these provisions, certain terms, phrases, words and their derivatives shall be construed as specified in this section. Where terms are not expressly defined herein, they shall be defined in the context of their customary meaning within the electrical industry. Where terms are not defined, they shall have their ordinarily accepted meanings within the context with which they are used. Words used in the singular include the plural and the plural the singular. Words used in the masculine gender include the feminine and the feminine the masculine.

Act refers to the current Professional Engineering Practice Act, 225 ILCS 1992, 325/1-325/49 inclusive (current through Public Act 88-0372).

Approved agency is an established and recognized agency regularly engaged in conducting tests or furnishing inspection services, when the agency has been approved by the building official.

Building code is the building code adopted by the City of Springfield.

City is the City of Springfield, Illinois.

Building official is the officer charged with the administration and enforcement of this Code, or a duly authorized representative, and is the authority having jurisdiction for this Code. Building official may also be referred to as code official or manager.

Code enforcement agency is the department, division or agency of this jurisdiction charged with the function of code enforcement and shall be under the administration and operational control by this jurisdiction.

Commission is the Springfield Electrical Commission.

Department is the department of building and zoning.

Electrical code or NEC is the ~~2011~~ 2017 Edition of the National Electrical Code as adopted by this jurisdiction.

Electrical inspector shall be the person providing expertise for the building official in the area of electrical regulations and shall be considered an authorized representative of the building official for administration and enforcement of this Code, subject to supervision and control of the building official.

Firewall is a fire resistance rated wall, having protected openings, which restricts the spread of fire and extends continuously from the foundation to or through the roof and is in accord with the provisions of section 706.0 of the ~~2012~~ 2018 International Building Code.

Job card is required to be posted on the job site. This job card is signed by the inspector when each required inspection is completed so the owner or contractor can determine if an inspection has been completed.

Listed and listing are terms of referring to equipment and materials which are shown in a list published by an approved testing agency, qualified and equipped for experimental testing and maintaining an adequate periodic inspection of current productions and which listing states that the material or equipment complies with accepted national standards which are approved or standards which have been evaluated for conformity with approved standards.

Multiple occupancy building is a building having more than one tenant and may be of single or mixed use groups as classified by the ~~2012~~ 2018 International Building Code.

Occupancy is the purpose for which a building, or part thereof, is used or intended to be used.

Person. Person shall mean property owner, contractor, or designer.

(Ord. No. 826-12-06, § 1(Exh. A), 12-19-06; Ord. No. 409-11-13, § 1(Exh. A), 11-19-13)

§ 172.10.07. Powers and duties of building official.

- (a) *General.* The building official is hereby authorized and directed to enforce all the provisions of this chapter. For such purposes, the building official shall have the powers of a law enforcement officer.
- (b) *Deputies.* In accordance with prescribed procedures and with the approval of the appointing authority, electrical inspectors may be appointed and other related technical officers and inspectors and other employees as shall be authorized from time to time.
- (c) *Right of entry.* Whenever necessary to make an inspection to enforce the provisions of this Code, or whenever the building official or an authorized representative has reasonable cause to believe that there exists in a building or upon a premises a condition or code violation which makes such building or premises unsafe, dangerous or hazardous, the building official or an authorized representative may enter such building or premises at all reasonable times to inspect the same or to perform any duty imposed upon the building official by such codes, provided that if such building or premises be occupied, the building official shall first present proper credentials and request entry. If such building or premises is unoccupied, the building official shall first make a reasonable effort to locate the owner or other persons having charge or control of the building or premises and request entry. If entry is refused, the building official or an authorized representative shall have recourse to every remedy provided by law to secure entry.

When the building official or an authorized representative shall have first obtained a proper inspection warrant or other remedy provided by law to secure entry, an owner or occupant or other persons having charge,

care or control of the building or premises shall not fail or neglect, after proper request is made as herein provided, to promptly permit entry therein by the building official or authorized representative for the purpose of inspection and examination pursuant to this Code.

- (d) *Notice of violation.* Whenever any work or project governed by the provisions of this chapter is being performed or carried on in violation of any of the provisions of this chapter, it shall be the duty of the department to post a printed notice of violation to "stop work" signed by the inspector, on the premises where the work is in progress, and to notify the person in charge of the work on the premises of the order. After the posting of the notice, it shall be unlawful for any person to do any further work on the project until the time as the defects or violations of this chapter have been eliminated to the satisfaction of the department and the notice of violation sign has been removed by it. However, no notice of violation so posted shall affect work not governed by this chapter except where the progress of the work would interfere with inspection of work governed by this chapter.
- (e) *Authority to disconnect utilities in emergencies.* The building official or authorized representative shall have the authority to disconnect electric power or energy service supplied to the building, structure, or building service equipment therein regulated by this Code in case of emergency where necessary to eliminate an immediate hazard to life or property. The building official shall whenever possible notify the serving utility, the owner and occupant of the building, structure or electrical system or equipment of the decision to disconnect prior to taking such action, and shall notify the serving utility, owner and occupant of the building, structure or building service equipment, in writing, of the disconnection immediately thereafter.
- (f) *Authority to condemn electrical system and equipment.* Whenever the building official ascertains that an electrical system or equipment regulated in this Code has become hazardous to life, health or property, the building official shall order in writing that such electrical system or equipment either be removed or restored to a safe condition, whichever is appropriate. The written notice itself shall fix a time limit for compliance with such order. Persons shall not use or maintain defective electrical system or equipment after receiving notice.

When equipment or an installation is to be disconnected, a written notice of such disconnection and causes thereof shall be given within 24 hours of the order to disconnect to the serving utility, the owner and occupants of the building, structure or premises.

When an electrical system or equipment is maintained in violation of this Code and in violation of a notice issued pursuant to the provisions of this section the building official shall institute appropriate action to prevent, restrain, correct or abate the violation.

- (g) *Connection after order to disconnect.* Persons shall not make connections from an energy or power supply nor supply power to an electrical system or equipment which has been disconnected or ordered to be disconnected by the building official or the use of which has been ordered to be discontinued by the building official until the building official authorizes the reconnection and use of the electrical system or equipment.
- (h) *Liability.* The building official, or an authorized representative charged with the enforcement of this Code, acting in good faith and without malice in the discharge of duties, shall not thereby be held personally liable for any damage that may occur to persons or property as a result of an act or by reason of an act or omission in the discharge of duties. A suit brought against the building official or authorized representative because of an act or omission performed by said person in the enforcement of provisions of this Code shall be defended by legal counsel provided by this jurisdiction until final termination of such proceedings.

This Code shall not be construed to relieve from or lessen the responsibility of a person owning, operating or controlling any building, structure or building service equipment therein for any damages to persons or property caused by defects, nor shall the code enforcement agency or its parent jurisdiction be held as assuming such liability by reason of the inspections authorized by this Code or approvals issued under this Code.

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- (i) *Cooperation of other officials and officers.* The building official may request, and shall receive so far as is required in the discharge of duties, the assistance and cooperation of other officials of this jurisdiction.

(Ord. No. 826-12-06, § 1(Exh. A), 12-19-06)

§ 172.10.08. Unsafe electrical systems or equipment.

Electrical systems or equipment regulated by this Code which are unsafe, or which constitute a fire hazard, or are otherwise dangerous to human life are, for the purpose of this section, unsafe. Use of electrical systems or equipment regulated by this Code constituting a hazard to safety, health or public welfare by reason of inadequate maintenance, dilapidation, obsolescence, fire hazard, disaster, damage or abandonment is, for the purpose of this section, an unsafe use.

Unsafe electrical systems or equipment are hereby declared to be public nuisances and shall be abated by repair, rehabilitation, demolition or removal in accordance with the procedures set forth in the building code for the abatement of dangerous buildings or an alternative procedure as may be adopted by this jurisdiction. As an alternative, the building official or other employee or official of this jurisdiction as designated by the governing body may institute other appropriate action to prevent, restrain, correct or abate the violation.

(Ord. No. 826-12-06, § 1(Exh. A), 12-19-06; Ord. No. 409-11-13, § 1(Exh. A), 11-19-13)

§ 172.10.09. Violations.

It shall be unlawful for any person, firm or corporation to erect, construct, enlarge, alter, repair, move, improve, remove, convert or demolish, equip, use or maintain an electrical system or equipment or cause or permit the same to be done in violation of this Code.

(Ord. No. 826-12-06, § 1(Exh. A), 12-19-06)

§ 172.10.10. Permits required.

- (a) No electrical work shall be constructed, installed, repaired, removed, or remodeled in any building in the city or within any other area under its jurisdiction unless an electrical permit for such work has been issued by the department. Upon application and approval of the department, the city shall issue a permit. All work performed pursuant to any permit issued hereunder shall meet the requirements for workmanship, methods, and materials set forth in the provisions of the ~~2011~~ 2017 National Electrical Code and the Springfield Electrical Ordinance. The permit shall be posted on the premises at the time the work is commenced. Upon completion of the permitted electrical work, the electrical contractor or the owner shall notify the department which shall inspect the work within two working days after the notice is given. When any electrical equipment is to be hidden or concealed from view by the permanent placement of parts of the building, the person shall notify the department and the equipment shall not be concealed until it has been inspected and approved or until two working days shall have elapsed from the time of notification.
- (b) Exempt work. An electrical permit shall not be required for the following:
- (1) Portable motors or other portable appliances energized by means of a cord or cable having an attachment plug end to be connected to an approved receptacle when that cord or cable is permitted by this Code.
 - (2) Repair or replacement of fixed motors, transformers or fixed approved appliances of the same type and rating in the same location.
 - (3) Temporary decorative lighting.

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- (4) Repair or replacement of current-carrying parts of any switch, contactor, or control device.
 - (5) Reinstallation of attachment plugs or receptacles, but not the outlets, thereof.
 - (6) Repair or replacement of any overcurrent device of the required capacity in the same location.
 - (7) Repair or replacement of electrodes or transformers of the same size and capacity for signs or gas tube systems.
 - (8) Taping joints.
 - (9) Removal of electrical wiring.
 - (10) Temporary wiring for experimental purposes in suitable experimental laboratories.
 - (11) The wiring for temporary theater, motion picture or television stage sets.
 - (12) Electrical wiring, devices, appliances, apparatus, or equipment operating at less than 25 volts and not capable of supplying more than 50 watts of energy.
 - (13) Low-energy power, control and signal circuits of classes II and III as defined in this Code.
 - (14) Installation, alteration or repair of electrical wiring, apparatus or equipment for the generation, transmission, distribution or metering of electrical energy or in the operation of signals or the transmission of intelligence by a public or private utility in the exercise of this function as a serving utility.
 - (15) Radio apparatus or equipment for wireless reception of sounds and signals.
 - (16) Apparatus, conductors, or other equipment installed for or by municipally owned and operated public utilities and common carriers which are under the jurisdiction of the Illinois Commerce Commission for use in their operation.

Exemption from the permit requirements of this Code shall not be deemed to grant authorization for any work to be done in violation of the provisions of this Code or any other laws or ordinances of this jurisdiction. All electrical work, as defined in section 172.12.05 of this Code, is subject to inspection by the department regardless of whether a permit is required.

- (c) Permit expiration. Every permit issued shall become invalid if the work is not commenced within six months after issuance of the permit, or if the authorized work is suspended or abandoned for a period of six months after the time of commencing work.
- (d) All permits issued by the department are to be posted by the person receiving the permit, on the premises where the electrical work is to be done, while the work is underway.
- (e) The department may issue a permit for the construction of a part of an electrical system before all of the documents for the system have been submitted or approved, provided adequate information and detailed statements have been filed complying with all pertinent requirements of this chapter. The holder of the permit may perform the work authorized by the partial permit at his own risk without assurance that the permit for the building, structure, or electrical system will be granted.
- (f) Except as provided elsewhere of unsafe and dangerous buildings, every permit issued by the department shall expire one year from the date of issuance. The building official shall grant one or more extensions of time for additional periods if there is reasonable cause.
- (g) Whenever any work requiring a permit is started without a permit, a special inspection shall be made prior to issuance of a permit.

(Ord. No. 826-12-06, § 1(Exh. A), 12-19-06; Ord. No. 409-11-13, § 1(Exh. A), 11-19-13)

§ 172.10.11. Unsafe and dangerous buildings.

- (a) For buildings determined to be unsafe and dangerous pursuant to chapter 170, article VI, building permits and electrical permits issued for such buildings shall expire 30 days from the date of application of the permit. If the work authorized by the permit is not started within ten days of the date of issuance, or if the authorized work is suspended or abandoned for a period of ten days, the permit shall expire.
- (b) Any permittee holding a permit which has not yet expired may apply for an extension of time, not to exceed the time frames specified above. The department may grant the extension if the permittee shows to the department's satisfaction, that circumstances beyond his control have prevented the permittee from complying with the required time frames.
- (c) Any time limitations contained in a court order for an unsafe and dangerous building, shall supersede the time limitations contained within this section.

(Ord. No. 826-12-06, § 1(Exh. A), 12-19-06)

§ 172.10.12. Application for electrical permit.

- (a) *Information required.* To obtain a permit, an applicant shall first file an application in writing on a form furnished by the department for that purpose. Every such application shall:
 - (1) Identify and describe work to be covered by the permit for which application is made.
 - (2) Describe the land on which the proposed work is to be done by legal description, street address or similar description that will readily identify and definitely locate the proposed building or work.
 - (3) Indicate the use or occupancy for which the proposed work is intended.
 - (4) Be accompanied by plans, diagrams, computations, and specifications and other data as required by subsection (b) of this section.
 - (5) Be signed by permittee, or authorized agent.
 - (6) Give such other data and information as may be required by the building official.
- (b) *Plans and specification.* Plans, engineering calculations, diagrams and other data shall be submitted in two sets with each application for a permit. The building official shall require plans, computations and specifications to be prepared, designed, and sealed by a professional engineer or architect licensed by the State of Illinois to practice as such per the current Illinois Professional Engineering and Architectural Practice Act and shall bear an original signature. The submittals do not need to be sealed for interior design projects that do not involve life safety or structural changes.

Exceptions: The submittal requirements do not apply to any of the following:

- (1) The construction, remodeling or repairing of a detached single-family dwelling on a single lot.
 - (2) The construction, remodeling or repairing of a two-family residence of wood frame construction on a single lot, not more than two stories and basement in height.
 - (3) Instances where the building official finds that the nature of the work applied for is such that reviewing of plans is not necessary to obtain compliance with this Code.
- (c) *Information on plans and specification.* Plans and specifications shall be drawn to scale upon substantial paper and shall be of sufficient clarity to indicate the location, nature and extent of the work proposed and show in detail that it will conform to the provisions of this Code and all relevant laws, ordinances, rules and regulations.

Plans for buildings of other than Groups R-3 and R-4 Occupancies shall indicate how required structural and fire-resistive integrity will be maintained where a penetration will be made for electrical and communication conduits, pipes and similar systems. Plans and specifications must contain the following information:

- (1) Floor plans for each floor of the building;
 - (2) Indicate lighting and power outlets;
 - (3) Power riser diagram indicating service equipment feeders;
 - (4) Location of equipment and branch circuit panels;
 - (5) Grounding and bonding of equipment;
 - (6) Size of service, feeders, conduit, and type of conduit being used;
 - (7) Type of ceiling and if the area above the ceiling is being used as a return air plenum;
 - (8) Communication equipment, fire alarm, emergency lights and type of cable being used;
 - (9) Legend of electrical symbols being used per drawing explaining the meaning of each symbol and line used. Anything that can not be explained by symbols and lines will be clarified with neatly lettered notes or explained in the specifications;
 - (10) Show grounding;
 - (11) Emergency equipment;
 - (12) Transfer switch if any;
 - (13) Emergency panels;
 - (14) Special panels.
- (d) *Time limitation of application.* An application for a permit for any proposed work shall be deemed to have been abandoned six months after the date of filing, unless such application has been diligently pursued or a permit shall have been issued; except that the building official shall grant one or more extensions of time for additional periods not exceeding 90 days each if there is reasonable cause.
- (e) No permit shall be issued by the department of building and zoning for any "development" located within the "floodplain," as those terms are defined in chapter 150 of this Code, unless the provisions of chapter 150 have first been complied with.

(Ord. No. 826-12-06, § 1(Exh. A), 12-19-06; Ord. No. 159-5-14, § 1(Exh. A), 5-6-14)

§ 172.10.13. Emergency repairs.

Emergency work may be performed without first obtaining a permit provided that it can be proven to the satisfaction of the department that the work was necessitated by an emergency, it was not practical to obtain a permit before the commencement of the work, and a permit is applied for by the second following working day. Any delay in so applying shall result an additional fee as provided in section 172.10.15.

(Ord. No. 826-12-06, § 1(Exh. A), 12-19-06)

§ 172.10.14. Inspections, plans and specifications.

- (a) *General.* All electrical systems and equipment for which a permit is required by this Code shall be subject to inspection by the building official or his authorized representative, and the electrical system shall remain

accessible and exposed for inspection purposes until approved by the building official or his authorized representative.

It shall be the duty of the permit applicant to cause the electrical system to remain accessible and exposed for inspection purposes. Neither the building official nor the jurisdiction shall be liable for the expense entailed in the removal or replacement of any material required to permit inspection. When the installation of an electrical system and equipment is complete, an additional and final inspection shall be made. Electrical systems and equipment regulated by this Code shall not be connected to the energy source until authorized by the building official.

Approval as a result of an inspection shall not be construed to be an approval of a violation of the provisions of this Code or of other ordinances of the jurisdiction. Inspections presuming to give authority to violate or cancel provisions of this Code or of other ordinances of the jurisdiction shall not be valid.

- (b) *Inspection requests.* It shall be the duty of the person doing the work authorized by a permit to notify the department that such work is ready for inspection. The building official may require that every request for inspection be filed at least two working days before such inspection is desired. Such request may be in writing or by telephone.

It shall be the duty of the person requesting inspections required by this Code to provide access to and means for inspection of such work.

- (c) *Operation of electrical equipment.* The requirements of this section shall not be construed to prohibit the operation of any electrical system or equipment installed to replace existing equipment. The request for inspection of such equipment must have been filed with the building official not more than 48 hours after such replacement work is completed and before any portion of such electrical system is concealed by any permanent portion of the building.
- (d) *Other inspections.* In addition to the called inspections required by this Code, the building official may make or require other inspection of any work to ascertain compliance with the provisions of this Code and other laws which are enforced by the code enforcement agency.
- (e) *Reinspection.* When a third inspection of work is required as a result of any of the following situations, a reinspection fee shall be assessed as provided for in this chapter:
- (1) Failure to provide access on the date for which an inspection has been scheduled.
 - (2) Failure to follow plans requiring the approval of the department.
 - (3) Failure to provide the correct address for an inspection site.
 - (4) Failure to correct violations cited during a previous inspection.
 - (5) Calling for inspection before the work is ready for inspection or reinspection.
 - (6) Failure to provide approved plans on the job site for review by the inspector.

(Ord. No. 826-12-06, § 1(Exh. A), 12-19-06)

§ 172.10.15. Fees.

The fee for each permit or reinspection shall be as follows and shall be paid when the application is filed, in the case of a permit fee, or in the case of a reinspection fee prior to the reinspection:

- (a) Electrical service entrances.
1. Existing structures. All current consuming outlets are included.

Ampere Service

Up to 100\$ 25

101 to 22545

226 to 40075

401 to 800110

801 to 1200145

1201 to 1600165

1601 to 2000200

Above 2000245

2. New structures. All current consuming outlets are included.

Ampere Service

Up to 100\$ 35

101 to 22560

226 to 400125

401 to 800245

801 to 1200365

1201 to 1600540

1601 to 2000605

Above 2000850

3. Trailer courts.

For the first ten pedestals, each\$15

All pedestals thereafter, each10

For each trailer connection15

- (b) No service work.

1. Moved structures\$20

2. New wiring, rewiring existing structures (Every 5000 square feet or portion thereof)20

3. Signs, each20

4. Reinspection20

5. Permit fee where no fee is specifically indicated20

6. Inspection outside of normal business hours, per hour20

- (c) Transfer fees. In the event an electrical permit is to be transferred to another registered electrical contractor, the contractor to whom the transfer has been made shall obtain a new electrical permit. If no changes will be made to the original scope of work, and the permit has not expired, the transfer fee will be \$20.

- (d) Refunds. Any applicant or permittee who decides not to proceed with the work proposed, may file a request for a refund. If the request is made within 60 days of the application date, the department shall provide a full refund. If the request for refund is made more than 60 days but less than 120 days

of the application date, the applicant will be allowed a refund of 80% of the original fee. No refunds will be granted if a request is not made within the time frames stated above or if any electrical work has begun.

- (e) When any work for which a permit is required by this chapter has commenced without first obtaining a permit, a fee of either \$100 or an amount equal to the permit fee, whichever is greater, shall be assessed. This fee shall be in addition to the normal permit fee, and any other fine or fee that may be applicable.

(Ord. No. 826-12-06, § 1(Exh. A), 12-19-06)

§ 172.10.16. Electrical commission; appeals procedure.

Any person directly interested, who is aggrieved by any decision of the electrical inspectors in the execution of their duties, may appeal from any decision to the building official. The appeal shall be taken by the person aggrieved giving written notice of an appeal to the building official at the office of the department within three working days after the decision is served. The building official shall respond to the aggrieved person within five working days thereafter. Any interested party, including the inspectors shall have the right to be heard. If the person disagrees with the ruling of the building official, he may appeal to the commission under their rules of procedure.

(Ord. No. 826-12-06, § 1(Exh. A), 12-19-06)

§ 172.10.999. Penalty provisions.

Any person who shall violate the provisions of this chapter shall upon conviction be subject to a penalty not less than \$50 per day nor more than \$500. A separate offense shall be deemed committed on each day during or on which a violation occurs or continues. In addition to this penalty the department may utilize any other statutory or common law remedies deemed appropriate by a court of law.

(Ord. No. 826-12-06, § 1(Exh. A), 12-19-06)

ARTICLE II. LOCAL INSTALLATION STANDARDS—NATIONAL ELECTRICAL CODE

§ 172.11.01. Citation.

This article shall be known as the "local installation standards—national electrical code," and may be so cited as such.

(Ord. No. 826-12-06, § 1(Exh. A), 12-19-06)

§ 172.11.02. Purpose and scope.

The purpose of this article is to establish local installation standards modifying and superseding any article, section, paragraph, subparagraph, or subsection of article I which includes the ~~2011~~ 2017 Edition of the National Electrical Code. Any conflict therein with this article shall be superseded by this article.

(Ord. No. 826-12-06, § 1(Exh. A), 12-19-06; Ord. No. 409-11-13, § 1(Exh. A), 11-19-13)

§ 172.11.03. Definitions.

For the purpose of this article the following definitions shall apply unless the context clearly indicates or requires a different meaning:

Electrical equipment. Equipment installed for the utilization of electricity as covered by the NEC.

Electrical wiring. Wires, conduits, raceways, boxes, and all other material necessary for the control and conducting of electricity as covered in NEC.

Electrical work. Electrical wiring and electrical equipment.

Low voltage. Shall be A.C. or D.C. potential 50 volts or less.

(Ord. No. 826-12-06, § 1(Exh. A), 12-19-06)

§ 172.11.04. Conduit required.

All buildings within the City of Springfield or within any other area under its jurisdiction, which are occupied in whole or in part for commercial, industrial, office, motel, hotel, or public purposes, or any multiple family dwelling unit containing more than 12 units or more than three stories in height or any building located in an area bounded by the center lines of Tenth Street railroad tracks, Madison Street, First Street, and Cook Street shall have all electrical circuits enclosed in heavy wall metallic conduit, intermediate metallic conduit, electrical metallic tubing (EMT), flexible metal conduit, metal molding, approved metal-clad (MC) cable as described in subsection 172.11.04.a, approved surface metal raceways, approved under floor raceways, cellular metal floor or surface raceways, approved non-metallic surface raceways, rigid non-metallic conduit (PVC), electrical non-metallic tubing (ENT), or flat conductor cable type FCC if any construction or remodeling of the building includes the installation of any electrical conductors.

- (a) ~~Approved metal-clad (MC) cable shall be steel jacketed, shall contain a separate full size ground wire, and shall have wire size ranges of #12 AWG to #4 AWG copper. Steel jacket shall have a blue colored stripe for inspection purposes. This cable may be used only for branch circuits in dry, indoor locations.~~

(Ord. No. 826-12-06, § 1(Exh. A), 12-19-06)

§ 172.11.05. Sources of emergency power.

Separate sources of emergency power as listed in section 700-12(d) of the National Electric Code, are not acceptable as sources of emergency power.

(Ord. No. 826-12-06, § 1(Exh. A), 12-19-06)

§ 172.11.06. Kitchen circuits.

In residential occupancies, for kitchens and similar areas, like wet bars, all fixed appliances such as dishwashers, compactors, refrigerators, and microwave ovens, or convenience receptacles intended for such use shall be served by a dedicated 20 ampere circuit for each such appliance or receptacle with no other loads connected to such dedicated circuit. Garbage disposals can be connected to one other receptacle if desired. The dedicated circuits are in addition to and not part of the required two small appliance branch circuits described in the National Electrical Code according to section 210-52(B).

(Ord. No. 826-12-06, § 1(Exh. A), 12-19-06)

§ 172.11.07. Hydro-massage bathtub electrical accessibility.

Section 680.73 of the NEC requires electrical equipment for hydro-massage bathtubs to be accessible without damaging the building structure or building finish. This accessibility must be achieved by means of an access panel provided on the same floor level as the hydro-massage tub. It is not acceptable to provide accessibility to a first floor hydro-massage bathtub from the basement, or to a second floor hydro-massage bathtub from the first floor. The contractor must remove the access panel prior to calling for a final inspection.

(Ord. No. 826-12-06, § 1(Exh. A), 12-19-06)

ARTICLE III. ELECTRICAL LICENSE AND REGISTRATION²

§ 172.12.01. Citation.

This article shall be known as "electrical license and registration" and shall be so cited.

(Ord. No. 695-10-07, § 1, 10-2-07)

§ 172.12.02. Purpose and scope.

The purpose of this article is to provide for the examination of any individual applying for an electrical license; to register and bond any person as an electrical contractor; to establish fees for same; and to establish an electrical commission, its powers and duties.

(Ord. No. 695-10-07, § 1, 10-2-07)

§ 172.12.03. Definitions.

For the purpose of this article the following definitions shall apply unless the context clearly indicates or requires a different meaning:

Electrical licensee. Any individual who has the necessary qualifications, training, experience, and technical knowledge to supervise and do electrical work in accordance with the standard rules and regulations governing the work as certified by the electrical commission.

Registered electrical contractor. Any person who is registered as such with the department, maintains a bond as required by the department, and employs (as defined in subsection 172.12.04(b)) the holder of a valid electrical license to perform and supervise all electrical work undertaken by the contractor as certified by the electrical commission.

(Ord. No. 695-10-07, § 1, 10-2-07)

²Editor's note(s)—Ord. No. 695-10-07, § 1, adopted Oct. 2, 2007, amended Art. III in its entirety to read as herein set out. Former Art. III, §§ 172.12.01—172.12.11 pertained to similar subject matter and derived from Ord. No. 826-12-06, § 1(Exh. A), adopted Dec. 19, 2006.

§ 172.12.04. Registered electrical contractor.

- (a) Only a registered electrical contractor shall have the authority to secure electrical permits and to furnish electrical equipment and components for installation by the holder of a valid electrical license in the employ (as defined in subsection 172.12.04(b)) of the contractor, or to be installed under the supervision of the holder of a valid electrical license in the employ (as defined in subsection 172.12.04(b)) of the contractor as provided in section 172.12.05 of this chapter.
- (b) If the person seeking to register as an electrical contractor is an individual acting as a sole proprietor, he/she must be an electrical licensee. If the organization seeking to register is a corporation, partnership, group, or association, it must have as an officer, partner, or member an individual who is an electrical licensee. Documentation supporting the licensee's position in the organization shall be submitted to the department. Examples of the required types of documentation, such as articles of incorporation, corporate minutes, articles of organization, etc., are listed on the registration application forms provided by the department.
- (c) In the event the person's business terminates or the holder's electrical license expires, no further permits shall be issued under the registration and the registration shall expire. The electrical contractor will have 30 days to renew his/her registration or transfer his/her unfinished electrical work to another registered contractor. To receive another registration, the electrical contractor must reapply on forms furnished by the department.
- (d) Bond. Any person registered to engage in the business of installation of electrical equipment or apparatus within the city or within any other area under its jurisdiction shall give bond to the city in the sum of \$5,000 from a commercial corporation dealing in surety bonds with surety to be approved by the corporation counsel, conditioned upon the faithful performance of the requirements of this chapter and the bond shall run from January 1 to December 31 of each year. For partial-year registrations, the bond shall run from the anticipated date of registration to December 31 of that year. It is acceptable for the bond to be dated beyond December 31. This bond shall be filed with the department and be maintained on file by the department. This bond shall be kept in full force and effect for a period of one year after expiration or revocation of an electrical contractor's registration.
- (e) Any electrical contractor whose principal place of business is in Springfield shall be required to comply with the provisions of section 172.12.06 and 172.12.07 and shall be properly licensed by having passed the Standard Master Electrician Exam administered by the International Code Council. Contractors properly licensed or registered in the City of Springfield prior to October 10, 2007, shall have passed the City of Springfield Electrical Exam or the Standard Master Electrician Exam administered by the International Code Council. Contractors whose license or registration has lapsed for more than two years shall be required to have passed the Standard Master Electrician Exam administered by the International Code Council. Contractors properly licensed or registered (who have not let their registration lapse for more than two years) with the City of Springfield prior to September 1, 1991, will be exempt from this provision.
- (f) Electrical contractors registered and licensed through testing by another municipality within the State of Illinois may be registered in Springfield without having completed the International Code Council Master Electrician Exam provided that his/her contractor registration was issued prior to October 10, 2007, provided the registration has not expired, and provided that he/she submits a completed application for registration, evidence of current registration from the other municipality, evidence showing that electrical work was performed within the jurisdiction in which the license was issued, and payment of the appropriate registration fee as required by subsection 172.12.07(f). The applicant must also provide documentation attesting to the applicant's electrical work experience which demonstrates the applicant's five years of performing electrical work with two years of that work being supervisory. Examples of acceptable documentation are listed on the application form furnished by the department.

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- (g) When applying for a contractor registration, all applications must be received at the office of building and zoning (Room 304 Municipal Center West) by 4:30 p.m. two days prior to the next scheduled electrical commission meeting. Applications received after the 4:30 p.m. deadline will not be considered by the electrical commission until the next scheduled meeting.

(Ord. No. 695-10-07, § 1, 10-2-07)

§ 172.12.05. Electrical work.

- (a) No individual shall perform electrical work within the city or any area under its jurisdiction unless he/she is an electrical licensee or performs the work under the supervision of an electrical licensee, and is or works (as defined in subsection 172.12.04(b)) for a registered electrical contractor, except that the owner of a single-family detached dwelling unit may perform electrical work in the dwelling and structures accessory thereto without obtaining an electrical license, and without working under the supervision of an electrical licensee. The owner must reside in the residence for at least one year after completion of the electrical work. Failure to meet the residence requirement shall disqualify the individual that applied for the permit, from receiving any subsequent permits, and is considered a violation of section 172.12.04, and is subject to the penalties provided in this chapter.

- (b) For the purpose of this section the following definition shall apply unless the context clearly indicates or requires a different meaning:

Supervision of an electrical licensee. The electrical licensee shall have personal knowledge of the proposed work and shall personally inspect the work to ensure that it is done in accordance with sound principles of electrical construction and work.

- (c) The following activities are exempt from the provisions of this section.

- (1) Low voltage systems as defined in section 172.11.03.
- (2) Radio apparatus or equipment for wireless reception of sounds and signals.
- (3) Apparatus, conductors, or other equipment installed for or by municipally owned and operated utilities or public utilities, and common carriers under the jurisdiction of the Illinois Commerce Commission for use in their operation.

(Ord. No. 695-10-07, § 1, 10-2-07)

§ 172.12.06. Application for license.

- (a) Application for an electrical license shall be made in writing to the electrical commission on forms furnished by the department and filed with the electrical commission. When applying for an electrical license, all applications must be received at the office of building and zoning (Room 304 Municipal Center West) by 4:30 p.m. two days prior to the next scheduled electrical commission meeting. Applications received after the 4:30 p.m. deadline will not be considered by the electrical commission until the next scheduled meeting.
- (b) To be eligible for an electrical license, an individual must have:
- (1) Five years' practical experience in the installation of electrical work with a minimum of two of those years overseeing and directing electrical work or equal as approved by the electrical commission. The applicant must also provide documentation attesting to the applicant's electrical work experience which demonstrates the applicant's five years of performing electrical work with two years of that work being supervisory. Examples of acceptable documentation are listed on the application form furnished by the department.

(2) Successfully passed the Standard Master Electrician Exam given by the International Code Council.
(Ord. No. 695-10-07, § 1, 10-2-07)

§ 172.12.07. License examination; registration; fee.

- (a) If an electrical license applicant is found to be qualified, an electrical license shall be issued to that person upon payment of the electrical license fee of \$25.
- (b) Before being registered as an electrical contractor, or having his/her registration renewed, an applicant shall fill out an application form, submit all documents as described in section 172.12.04., and shall pay the city treasurer a contractor's fee of \$45.
- (c) Every electrical contractor who has received a registration and every individual who has received an electrical license shall be entitled for renewal upon making an application to the department and paying the following fees:
 - (1) Registered electrical contractor Springfield \$45
 - (2) Electrical license \$25
- (d) Renewal of every registration and license is due on December 31 of the year in which it was issued. If the renewal is not completed by the end of January following, the renewal fee shall double. All registrations and licenses will expire on the last day of the following February.
- (e) For contractors registered in other Illinois municipalities, a filing fee of \$45 will be charged.
- (f) Any person whose license or registration has expired shall reapply on the forms furnished by the department. The commission will review the application and, if approved, the fee will be doubled. If the license or registration has expired for more than two years, the application will be considered a new application and the procedure for a new application, including an exam (as outlined in section 172.12.06) and fees, will be followed.

(Ord. No. 695-10-07, § 1, 10-2-07)

§ 172.12.08. Limited use of license.

No electrical license issued in accordance with this chapter shall be assigned or used for more than one registered electrical contractor unless approved by the electrical commission.

(Ord. No. 695-10-07, § 1, 10-2-07)

§ 172.12.09. Electrical commission.

- (a) There is hereby created an electrical commission consisting of seven members as follows: one shall be a licensed professional engineer; one member who is an electrical license holder who is also a registered electrical contractor or works directly for a registered electrical contractor; one a journeyman electrician; one a representative of city water, light and power; one a member of the Home Builders Association who is also an electrical license holder and a registered contractor, or works directly for a registered contractor and two members from the general public having no financial interest in the electrical industry in the city. Thereafter, each new member shall serve for three years or until a successor has been appointed. All members of the electrical commission shall be appointed by the mayor with the advice and consent of the city council.

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- (b) The members shall serve without compensation. Four members of the commission shall constitute a quorum for the transaction of business. The affirmative vote of four members of the commission shall be required to take official action.
 - (c) The commission shall adopt rules and regulations, not inconsistent with the law and necessary to conduct its business and perform its duties.
 - (d) The building official and electrical inspectors shall be ex officio non-voting members of the commission. The building official shall designate an individual to serve as secretary to keep minutes and records of all proceedings of the commission. A copy of the minutes shall be filed with the department within ten days after the meeting.
 - (e) The department shall provide suitable space in which the commission shall hold its meetings, and all necessary equipment and facilities for holding examinations. The department shall pay all administrative expenses of these examinations.

(Ord. No. 695-10-07, § 1, 10-2-07; Ord. No. 200-6-13, § 3, 6-4-13)

§ 172.12.10. Power and duties.

- (a) The electrical commission shall meet to review applications for electrical licenses and electrical contractor registrations, to examine applicants to determine their qualifications, to issue electrical licenses and electrical contractor registrations and to revoke the same after hearings as provided herein, and to act as an appeal board as provided in section 172.10.16 of this chapter.
- (b) The department and/or the electrical commission shall determine the suitability of alternate materials and methods of installation and provide for reasonable interpretation of the provision of this chapter. The department shall keep a list on file of such materials and the list shall be available to the public during regular office hours.
- (c) In addition to the duties as stated above, the commission may recommend to the building official:
 - (1) Safe and practical standards and specifications for the installation, alteration, and use of electrical equipment.
 - (2) Reasonable rules and regulations governing the registration of electrical contractors and the issuance of permits by the department.
 - (3) Reasonable fees to be paid for registration and inspection by the department of electrical work within the city.
 - (d) The commission shall meet at least once a month. At the first meeting in January of each year, the commission shall elect one of the voting members as the chairperson to preside at all the meetings of the commission. A vice-chairperson shall also be elected. If the chairperson and the vice-chairperson are absent, the commission shall appoint a voting member to preside.

(Ord. No. 695-10-07, § 1, 10-2-07)

§ 172.12.11. Suspension or revocation of a registration or license.

- (a) Any person may have his/her registration or license suspended or revoked for any misrepresentation in obtaining the registration or license or for the failure to comply with the provisions of chapter 172.
- (b) Prior to holding a hearing for the suspension or revocation of a registered electrical contractor or electrical license by the electrical commission, a notice shall be served personally or by certified mail upon the holder

whose registration or license is in question. This notice shall indicate the time and place of a hearing before the electrical commission and the general grounds for the contemplated suspension or revocation. The notice shall advise the holder of his right to appear at the hearing in person and be represented by counsel. This notice shall be served upon the holder at least 15 days prior to the hearing before the electrical commission. The electrical commission may suspend or revoke the registration or license.

- (c) Any person whose registration as an electrical contractor or an individual whose electrical license has been revoked may not reapply for a new registration or license within one year after the revocation. Thereafter, an application to be registered as an electrical contractor or for an electrical license will be processed in the same manner as an original application paying all fees and furnishing bonds if necessary. The suspension or revocation of a registration or license shall not entitle the holder to a refund of any part of a fee which may have been paid.
- (d) Any person adjudicated with three violations shall have his/her electrical license and/or electrical registration revoked, and may not apply for an electrical license or electrical registration until one year has expired from the date on which the most recent violation took place.

(Ord. No. 695-10-07, § 1, 10-2-07)

§ 172.12.12. Appeal from an adverse decision by the electrical commission regarding the issuance of a license or registration.

- (a) Upon notification that an application for the issuance of a license or registration has been denied or tabled, the applicant may request a special meeting to allow for the submission of additional documents and supporting information.
- (b) The review request must be submitted in writing to the office of building and zoning (Room 304 Municipal Center West).
- (c) The executive assistant to the mayor or the mayor's designee must call a special meeting for the purpose of reviewing an application for the issuance of a license or registration if an applicant has filed an appeal request.
- (d) The special review meeting must be held within two weeks of receiving an appeal request unless all parties agree to a later date.
- (e) At the special meeting the application, additional documents and supporting information that have been submitted will be reviewed.
- (f) Based upon all material and information available at the special meeting the executive assistant to the mayor or the mayor's designee shall determine whether or not a license or registration will issued.

(Ord. No. 695-10-07, § 1, 10-2-07)

CHAPTER 173. MECHANICAL CODE¹

ARTICLE I. MECHANICAL CODE

§ 173.10.01. Citation.

This chapter shall be known as the "mechanical code" and may be so cited.

(Ord. No. 826-12-06, § 1(Exh. A), 12-19-06)

§ 173.10.02. Purpose and scope.

The purpose of this article is to adopt a complete mechanical code including provisions for issuance of permits, the collection of fees, inspection, and regulation of mechanical installations, and to provide penalties for violations.

(Ord. No. 826-12-06, § 1(Exh. A), 12-19-06)

§ 173.10.03. Adoption of the International Mechanical Code and the International Fuel Gas Code.

(a) The International Mechanical Code, ~~2012~~ 2018 Edition, copyrighted by the International Code Council, Inc., and the International Fuel Gas Code, ~~2012~~ 2018 Edition, copyrighted by the International Code Council, Inc., are hereby adopted and incorporated herein by reference pursuant to the authority of 65 ILCS 5/1-3-1 through 5/1-3-6 and pursuant to the power granted to the city by the Home Rule Provisions of the Illinois Constitution of 1970. In the event any of the provisions of the International Mechanical Code or the International Fuel Gas Code are in conflict with the Illinois Compiled Laws or any ordinance of the city or any provisions of this chapter, the more restrictive statute or ordinance shall prevail.

(b) For the purpose of chapter 173, the following definitions shall apply:

Building official shall mean code official as defined in section 104, Administration, contained in the International Mechanical Code. The building official is the manager of the building department.

City shall mean the City of Springfield, Illinois.

Commission shall mean the Springfield Mechanical Commission.

Department shall mean the department of building and zoning.

IFGC shall mean the ~~2012~~ 2018 edition of the International Fuel Gas Code.

IMC shall mean the ~~2012~~ 2018 edition of the International Mechanical Code.

¹Editor's note(s)—Ord. No. 826-12-06, § 1(Exh. A), adopted Dec. 19, 2006, amended chapter 173 in its entirety to read as herein set out. Former chapter 173 pertained to similar subject matter and derived from Ord. No. 519-07-05, § 1, adopted July 19, 2005.

Inspector shall mean mechanical inspector employed by the department of building and zoning.

Person shall mean property owner, contractor, or designer.

- (c) The following shall be added to section 102 of the IMC.

Detached one- and two-family dwellings constructed in compliance with the requirements of the International Residential Code adopted pursuant to Chapter 170 of the current City Code, as amended, may utilize chapters 10 through 24, of the International Residential Code to regulate the installation and maintenance of mechanical systems and equipment.

- (d) The following are deleted from the IMC and are of no force or effect herein.

Section 109.2: Membership of Board;

Section 109.2.1: Qualifications, (of mechanical commission members);

Section 109.2.2: Alternate members, (of mechanical commission);

Section 109.2.5: Secretary, (for commission meetings);

Section 109.5: Postponed Hearing (of mechanical commission)

(Ord. No. 826-12-06, § 1(Exh. A), 12-19-06; Ord. No. 409-11-13, § 1(Exh. A), 11-19-13)

§ 173.10.04. Mechanical inspectors; powers and duties.

Mechanical inspectors shall administer and enforce provisions of chapter 173 subject to the supervision and control of the building official. Mechanical inspectors, in conjunction with the department shall keep a record of permits issued, inspections made, and other official work performed in accordance with the provisions of this chapter. The record of each ruling and determination made under the provisions of this chapter shall be kept and notification in writing of these rules and determinations shall be given to all persons involved.

(Ord. No. 826-12-06, § 1(Exh. A), 12-19-06)

§ 173.10.05. Prohibited activity.

No employee of the department shall be engaged in, or shall be directly or indirectly connected with the furnishings of labor, materials or appliances for the construction, alteration or maintenance of a building, or the preparation of plans or of specifications thereof, unless that person is the owner of the building; nor shall such employee engage in any work which conflicts with official duties or with the interests of the department.

(Ord. No. 826-12-06, § 1(Exh. A), 12-19-06)

§ 173.10.06. Application for mechanical permits.

- (a) Applications for any type of mechanical work may be made by a registered mechanical contractor responsible for performing the work, or by the owner of a single-family residence, who currently resides in the residence or will reside in the residence upon completion of its construction, provided said owner occupies the residence for at least one year after completion of the mechanical work. Failure to meet the residence requirement shall disqualify the individual that applied for the permit, from receiving any subsequent permits, and is considered a violation of section 173.12.04, and is subject to the penalties provided in this chapter.

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- (b) Applications for wall mounted and hanging unit heaters may be made by either electrical or mechanical contractors registered by the City of Springfield, or by plumbing contractors licensed by the State of Illinois. Application for residential bathroom exhaust fans may be made by either electrical or mechanical contractors registered by the City of Springfield.
 - (c) Applications including any documents or plans filed with the application, may be reviewed by other city departments to verify compliance with applicable laws or regulations under their jurisdiction.
 - (d) No permit shall be issued by the department of building and zoning for any "development" located within the "floodplain," as those terms are defined in chapter 150 of this Code, unless the provisions of chapter 150 have first been complied with.

(Ord. No. 826-12-06, § 1(Exh. A), 12-19-06; Ord. No. 159-5-14, § 1(Exh. A), 5-6-14)

§ 173.10.07. Permits.

- (a) All permits issued by the department are to be posted by the person receiving the permit, on the premises where the mechanical work is to be done, while the work is underway.
- (b) The department may issue a permit for the construction of a part of a mechanical system before all of the documents for the system have been submitted or approved, provided adequate information and detailed statements have been filed complying with all pertinent requirements of this chapter. The holder of the permit may perform the work authorized by the partial permit at his own risk without assurance that the permit for the building, structure, or mechanical system will be granted.
- (c) Except as provided elsewhere for unsafe and dangerous buildings, every permit issued by the department shall expire one year from the date of issuance. The building official shall grant one or more extensions of time for additional periods if there is reasonable cause.
- (d) Whenever any work requiring a permit is started without a permit, a special inspection shall be made prior to issuance of a permit.

(Ord. No. 826-12-06, § 1(Exh. A), 12-19-06)

§ 173.10.08. Inspections.

- (a) Upon completion of the permitted mechanical work, the permittee shall notify the department, which shall inspect the work within two working days after notice is given to the department. When any mechanical equipment or work is to be hidden or concealed from view by the permanent placement of parts of the building, the permittee shall notify the department which shall inspect the work as called for above. If the department fails to inspect the work within two working days after receiving notice, the work may be concealed.
- (b) When a third inspection of work is required as a result of any of the following situations, a re-inspection fee shall be assessed as provided in section 173.10.12.
 - (1) Failure to provide access on the date for which an inspection has been scheduled.
 - (2) Failure to follow plans requiring the approval of the department.
 - (3) Failure to provide the correct address of an inspection site.
 - (4) Failure to correct violations cited during a previous inspection.
 - (5) Calling for inspection before the work is ready for inspection or reinspection.

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- (6) Failure to provide approved plans on the job site for review by the inspector.

(Ord. No. 826-12-06, § 1(Exh. A), 12-19-06)

§ 173.10.09. Unsafe and dangerous buildings.

- (a) For buildings determined to be unsafe and dangerous pursuant to chapter 170, article VI, any mechanical permit issued for such building shall expire 30 days from the date of application of the mechanical permit. If the work authorized by the permit is not started within ten days of the date of issuance, or if the authorized work is suspended or abandoned for a period of ten days, the permit shall expire.
- (b) Any permittee holding a permit which has not yet expired may apply for an extension of time, not to exceed the time frames specified above. The department may grant the extension if the permittee shows to the department's satisfaction, that circumstances beyond his control have prevented the permittee from complying with the required time frames.
- (c) Any time limitations contained in a court order for an unsafe and dangerous building, shall superseded the time limitations contained within this section.

(Ord. No. 826-12-06, § 1(Exh. A), 12-19-06)

§ 173.10.10. Emergency repairs.

Emergency work may be performed without first obtaining a permit provided that it can be proven to the satisfaction of the department that the work was necessitated by an emergency, it was not practical to obtain a permit before the commencement of the work, and a permit is applied for the second following working day. Any delay in so applying shall result an additional fee as provided in section 173.10.12.

(Ord. No. 826-12-06, § 1(Exh. A), 12-19-06)

§ 173.10.11. Certificate of use and occupancy.

All provisions regarding certificates of use and occupancy adopted pursuant to chapter 170 shall also apply to this chapter.

(Ord. No. 826-12-06, § 1(Exh. A), 12-19-06)

§ 173.10.12. Fees.

The fee for each permit or re-inspection shall be as follows and shall be paid when the application is filed in case of a permit fee, or upon receipt of a statement in the case of a re-inspection:

- (a) Residential fees:

- 1. R-4 new single-family:

Furnace/air conditioning\$50.00

Each additional furnace, air conditioning\$25.00

Includes air conditioning, exhaust for bathrooms, and kitchens, venting of dryers, gaslines, and duct work installations.

Boiler - hot water or steam\$50.00

Each additional boiler of either type\$25.00

Solid fuel/vented decorative appliances\$30.00

Gas log conversion\$30.00

2. R-4 new duplex:

Furnace/air conditioning per unit\$50.00

Includes air conditioning, exhaust for bathrooms and kitchens, venting of dryers, gaslines, and duct work installations.

Boiler - hot water or steam\$50.00

Solid fuel/vented decoration appliance\$30.00

Gas log conversion\$30.00

3. Replacement:

Furnace\$30.00

Air conditioning\$30.00

Boiler - hot water or steam\$30.00

Furnace and air conditioning\$40.00

4. Manufactured fireplaces, free-standing solid fuel heaters, and recessed fireplace inserts, gas log conversions, duct work and room heaters:

One\$30.00

Each additional\$15.00

(b) Commercial fees—R-1, hotels, motels R-2, multifamily, 3-plex and above:

1. R-1 hotels and motels, new construction:

Includes air conditioning, exhaust for bathrooms, and kitchens, venting of dryers, gas, venting, and duct work installations, per unit\$40.00

2. R-2, multifamily, 3-plex and above, new construction:

Includes air conditioning, exhaust for bathrooms, and kitchens, venting of dryers, gas, venting, and duct work installations, per unit.

One to eight units, per unit\$50.00

Nine and above, per unit\$30.00

3. R-1 and R-2, replacements:

R-1, per unit\$30.00

R-2, per unit\$40.00

(c) Fees for use groups:

Assembly	Group A-1, 2, 3, 4, 5
Business	Group B
Educational	Group E
Factory and Industrial	Group F-1, 2

High Hazard	Group H-1, 2, 3, 4
Institutional	Group I-1, 2, 3
Mercantile	Group M
Storage	Group S-1, 2
Utility and Miscellaneous	Group U

1. Combination heating or cooling unit (split or roof top) or hot water heating:

a.	Up to 5 tons (per unit)	\$75.00
b.	6 to 10 tons (per unit)	\$85.00
c.	Each ton over 10 (per ton per unit)	\$1.00
d.	Boiler (each)	\$50.00
d1.	Distribution piping and/or embedded piping for heated slab, new construction	\$25.00
	Includes main ducts, branch ducts, all diffuser for supply and return air, restroom exhaust, and gas piping for new construction.	

2.	Spray booth exhaust/ventilation	\$50.00
3.	Commercial kitchen hood/exhaust with or without fire suppression, includes make up air system (per hood)	\$70.00
4.	Exhaust:	
	Hazardous (each)	\$50.00
	Restroom (each)	\$25.00
	All other exhaust systems (per fan)	\$25.00
5.	Gas piping	
	Up to four openings	\$25.00
	Four and above, per opening	\$3.00
6.	Replacement of any HVAC equipment	\$50.00
7.	Replacement duct system	\$50.00
8.	Specific appliances (each)	\$30.00
	factory-built fireplaces	
	pellet fuel-burning appliances	
	fireplace stove and room heaters	
	factory-built barbecue appliances	
	decorative gas-fired appliances for installation in vented fireplaces	
	gas-fired log lighters	
	vented gas-fired decorative appliances	
	incinerators & crematories	
	cooling towers, evaporative condensers & fluid coolers	
	vented wall furnaces	
	floor furnaces	
	duct furnaces	
	direct-fired air-heating equipment	
	infrared radiant heaters	
	clothes dryers - commercial	
	illuminating appliances	
	sauna heaters	

	engine & gas turbine-powered equipment	
	pool & spa heaters	
	cooking appliances - commercial	
	unit heaters	
	unvented room heaters	
	vented room heaters	
9.	Walk-in and reach-in coolers and freezers (per unit)	\$30.00

(d) Miscellaneous fees

1.	Reinspection	\$20.00
2.	Inspection fee where no fee is specifically indicated per hour	\$20.00
	Minimum charge, per hour	\$20.00
3.	Inspection outside of normal business hours	\$20.00
	Minimum charge, per hour	\$20.00
4.	Transfer fees. In the event a mechanical permit is to be transferred to another contractor, the person to whom the transfer has been made shall obtain a new permit. If no changes have been made from the original permit and the permit has not expired, the fee will be	\$20.00

- (e) Whenever any work for which a permit is required by this chapter has commenced without first obtaining a permit, a fee of either \$100 or an amount equal to the permit fee, whichever is greater, shall be assessed. This fee shall be in addition to the normal permit fee, and any other fine or fee that may be applicable.

(Ord. No. 826-12-06, § 1(Exh. A), 12-19-06)

§ 173.10.13. Refunds.

Any applicant or permittee who decides not to proceed with the work proposed, may file a request for a refund. If the request is made within 60 days of the application date, the department shall provide a full refund. If the request for refund is made more than 60 days but less than 120 days of the application date, the applicant or permittee will be allowed a refund of 80% of the original fee. No refunds will be granted if a request is not made within the time frames stated above or if any mechanical work has begun.

(Ord. No. 826-12-06, § 1(Exh. A), 12-19-06)

§ 173.10.999. Penalty.

Any person who shall violate the provisions of this article shall, upon conviction, be subject to a penalty not less than \$50 per day nor more than \$500. A separate offense shall be deemed committed on each day during or on which a violation occurs or continues. In addition to this penalty the department may utilize any other statutory or common law remedies deemed appropriate by a court of law.

(Ord. No. 826-12-06, § 1(Exh. A), 12-19-06)

ARTICLE II. LOCAL INSTALLATION STANDARDS—INTERNATIONAL MECHANICAL CODE

§ 173.11.01. Citation.

This article shall be known as the "local installation standards" and may be so cited.

(Ord. No. 826-12-06, § 1(Exh. A), 12-19-06)

§ 173.11.02. Purpose and scope.

The purpose of this article is to establish local installation standards modifying and superseding any section of article I, which includes the ~~2012~~ 2018 Edition of the International Mechanical Code, and the ~~2012~~ 2018 version of the International Fuel Gas Code. Any conflict therein with this article shall be superseded by this article.

(Ord. No. 826-12-06, § 1(Exh. A), 12-19-06; Ord. No. 409-11-13, § 1(Exh. A), 11-19-13)

§ 173.11.03. Materials for gas piping.

- (a) Pipe used for the installation, extension, alteration, or repair of any gas piping shall be standard weight wrought iron or steel (black) or corrugated stainless steel tubing (CSST) jacketed with yellow polyethylene sleeve.

No aluminum gas pipe or galvanized steel gas pipe shall be permitted. Copper pipe, up to 36 inches in length, may be used for gas supply to water heaters. Only flared connections shall be used for copper gas pipe.

(Ord. No. 826-12-06, § 1(Exh. A), 12-19-06)

§ 173.11.04. Venting.

- (a) General. The type of venting system required to serve various classifications of appliances shall be that set forth in the IMC.
- (b) When a ventilation system is installed for the purpose of exhausting residential kitchen appliances in R-1, R-2 and R-3 occupancies, as defined in the ~~2012~~ 2018 International Building Code, the vent shall be continuous to the outside with not less than No. 24-gauge galvanized steel or equal and terminate with an approved cap and back draft damper. Each ventilation system shall contain grease filter as near the appliances as possible.

(Ord. No. 826-12-06, § 1(Exh. A), 12-19-06; Ord. No. 409-11-13, § 1(Exh. A), 11-19-13)

§ 173.11.05. Installation of gas piping; location.

- (a) Gas piping shall not be installed in or on the ground under any building or structure, any space being used as a conditioned air space or concealed unprotected above grade where there will be joints in the concealed space.
- (b) Exposed gas piping shall be kept at least six inches above the grade and in spaces where if leaks occur it will be diluted by ventilation or size of space.
- (c) Exception: When necessary due to structural conditions, approved type gas piping may be installed in other locations, when permission has first been obtained from the department.

(Ord. No. 826-12-06, § 1(Exh. A), 12-19-06)

§ 173.11.06. Duct systems.

- (a) Changes in size of ducts in the supply side shall be made by means of tapered transformation piece, the included angle of the taper being not more than 30 degrees.
- (b) Dampers.
 - (1) Each supply duct in an individual duct system shall be provided with a volume damper with a positive locking device (friction head is approved). Splitter dampers may be used where the trunk system is divided. The department may waive this requirement on an engineered system where they are not readily accessible.
 - (2) Volume dampers shall not be placed in the circulating air inlet to a furnace in a manner which will reduce the required circulating air to the furnace.
- (c) Ducts for blower type warm—air furnaces.
 - (1) Circulating air for every fuel-burning blower-type warm air furnace shall be conducted into the blower housing from outside the furnace space by continuous airtight ducts.
 - (2) Air filters used in the connection with circulating air, both heating and cooling shall be so installed as to be readily accessible for inspection and removal for cleaning or replacement. Duct connections to and from such filters shall be of such size to ensure even distribution of air over the entire filter area as required by the manufacturers. If a change in size of the ducts is made, it shall be made by means of a tapered transitional piece, the included angle of the taper being not more than 30 degrees.
- (d) Flexible air ducts.
 - (1) Class O or Class 1, flexible air ducts used in R occupancies, the maximum distance is 25 feet.
 - (2) Class O and Class 1, flexible air ducts used in all other use group, 14-foot maximum.
 - (3) Fibrous glass air ducts (duct board) are not permitted in any use group.

(Ord. No. 826-12-06, § 1(Exh. A), 12-19-06)

§ 173.11.07. Heating and cooling design specifications.

- (a) *General.* The equipment in all buildings shall be designed so that the heating or cooling generated shall maintain the inside temperature hereinafter stipulated. The inside temperature shall be measured at a height of three feet above the floor level and not less than three feet from any outer exposed wall in all habitable rooms and bathrooms.
- (b) *Heating.* The inside air temperature shall be a minimum of 70 degrees Fahrenheit, provided however, that in industrial and storage spaces, special permission may be granted by the department to use a lower temperature for design purposes than above specified where either the space is to be used exclusively for physical labor or storage or where the manufacture processing or storage of materials or products requires a lower temperature. The outside air temperature which shall be used for design purposes shall be taken as 0 degrees Fahrenheit.
- (c) *Cooling.* For design purposes for cooling, a temperature differential of 20 degrees Fahrenheit shall be used between the inside and outside temperatures with the minimum outside temperature to be 95 degrees Fahrenheit.

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- (d) *Equipment.* Equipment shall conform to the requirements of the IMC. Equipment shall not be installed or altered in violation of this Code nor shall the fuel input rate to equipment be increased in excess of the approved BTU/h rating at the altitude where it is to be used.

Defective materials or parts shall be replaced in such a manner as not to invalidate any approval.

(Ord. No. 826-12-06, § 1(Exh. A), 12-19-06)

§ 173.11.08. Fuel-gas equipment and installations in mobile home parks.

- (a) *General.* Except as otherwise permitted or required by this section, fuel-gas equipment and installations in mobile home parks shall comply with the provisions of this section. The provision of this section do not apply to the mobile home gas piping and equipment installed as part of the home.
- (b) *Required gas supply.* The minimum hourly volume of gas required at each mobile home lot outlet or any section of the mobile home park gas piping system shall be calculated as shown in the table in this section.
- (c) *Installation.* Gas piping installed below ground shall have a minimum earth cover of 12 inches.
- (d) *Location.* Gas piping shall not be installed underground beneath buildings or that portion of the mobile home lots reserved for the location of mobile homes, mobile home accessory buildings or structures, concrete slabs or automobile parking, unless installed in a gas-tight conduit.

The conduit shall be approved for installation underground beneath buildings and not less than Schedule 40 pipe. The interior diameter of the conduit shall be not less than ½ inch larger than the outside diameter of the gas piping.

The conduit shall extend to a point not less than 12 inches beyond any area where it is required to be installed or the outside wall of a building and the outer ends shall not be sealed. Where the conduit terminates within a building, it shall be readily accessible and the space between the conduit and the gas piping shall be sealed to prevent leakage of gas into the building. A gas piping lateral terminating in a mobile home lot outlet riser surrounded by a concrete slab shall not be required to be installed in a conduit provided the concrete slab is entirely outside the wall line of the mobile home, is not continuous with any other concrete slab and is used for stabilizing other utility connections.

- (e) *System shutoff valve.* A readily accessible and identified shutoff valve controlling the flow of gas to the entire gas piping system shall be installed near the point of connection to the service piping or supply connection of the liquefied petroleum gas tank.
- (f) *Mobile home lot shutoff valve.* Each mobile home lot shall have an approved gas shutoff valve and union installed upstream of the mobile home lot gas outlet and located on the outlet riser at a height not less than 12 inches above grade. Valve and union shall not be located under a mobile home. When the mobile home lot outlet is not in use, the outlet shall be equipped with an approved cap or plug to prevent accidental discharge of gas.
- (g) *Mobile home lot gas outlet.* Each mobile home lot piped for gas shall be provided with an individual outlet riser at the mobile home lot.

The mobile home lot gas outlet shall terminate with the service connection located within a four-foot area in the rear third section of the mobile home lot on the left (road) side of the mobile home, with respect to the location, or proposed location, of the mobile home on the lot.

- (h) *Mobile home connector.* Each mobile home shall be connected to the mobile home lot outlet by an approved mobile home connector, a maximum of six feet in length or schedule 40 black iron pipe. Approved pipe and fittings may be used between the flexible connector and the mobile home lot gas outlet when the distance between the mobile home lot gas outlet and the mobile home gas service connection exceeds that required

to make a safe installation with only a mobile home connector. Gas connectors shall be of a size to adequately supply the total demand of the connected mobile home.

- (i) *Mechanical protection.* Gas outlet risers, regulators, meters, valves or other exposed equipment shall be protected from mechanical damage by vehicles or other causes. Such protection may consist of posts, fencing or other permanent barriers.

Atmospherically controlled regulators shall be installed in such a manner that moisture cannot enter the regulator vent and accumulate above the diaphragm. Where the regulator vent may be obstructed due to snow and icing conditions, shields, hoods, or other suitable devices shall be provided to guard against closing the vent opening.

- (j) *Gas meters.* Meters shall not be installed in unventilated or inaccessible locations, nor closer than three feet to sources of ignition.

When meters are installed, they shall not depend on the gas outlet riser for support, but shall be adequately supported by a post or bracket placed on a firm footing, or other means of providing equivalent support.

- (k) *Gas piping size.* The size of each section of natural gas or LP-gas piping systems shall be determined as specified in this chapter.

- (l) *Maintenance.* The operator of the mobile home park shall be responsible for maintaining gas piping installations and equipment in good working condition.

Minimum Demand Factors For Calculating Gas Piping Systems in Mobile Home Parks

Number of Mobile Home Sites	Demand Factor Btu/h Mobile Home Site
1	125,000
2	117,000
3	104,000
4	96,000
5	92,000
6	87,000
7	83,000
8	81,000
9	79,000
10	77,000
11 to 20	66,000
21 to 30	62,000
31 to 40	58,000
41 to 60	55,000
Over 60	50,000

(Ord. No. 826-12-06, § 1(Exh. A), 12-19-06)

ARTICLE III. MECHANICAL LICENSE AND REGISTRATION²

§ 173.12.01. Citation.

This article shall be known as "mechanical license and registration" and may be so cited.

(Ord. No. 696-10-07, § 1, 10-2-07)

§ 173.12.02. Purpose and scope.

The purpose of this article is to provide for the examination of an individual applying for a mechanical license, to register and bond any person as a mechanical contractor, to establish fees for same, and to establish a mechanical commission, its powers and duties.

(Ord. No. 696-10-07, § 1, 10-2-07)

§ 173.12.03. Definitions.

For the purpose of this article the following definitions shall apply unless the context clearly indicates or requires a different meaning:

- (a) *Registered mechanical contractor.* Any person registered as such with the department, who maintains a bond as required by the department, and employs the holder of a valid mechanical license to perform and supervise all mechanical work undertaken by the contractor as certified by the mechanical commission.
- (b) *Registered mechanical contractor, residential.* Any registered mechanical contractor who is certified by the mechanical commission but limited to perform and supervise all mechanical work undertaken by the contractor on residential structures not exceeding two stories in height.
- (c) *Registered mechanical contractor-solid fuel/vented decorative appliances.* Any person registered as such with the department who maintains a bond as required by the department and who employs the holder of a valid solid fuel/vented decorative appliance license to perform and supervise all installations of factory built fireplaces and stoves, and vented appliances whose function lies in the aesthetic effect of the flames rather than functional effects.
- (d) *Mechanical licensee.* Any individual who has the necessary qualifications, training, experience, and technical knowledge and has passed the mechanical examination as certified by the International Code Council but can not obtain permits to perform work until becoming a registered contractor with the City of Springfield.
- (e) *Mechanical licensee, residential.* Any individual who has the necessary qualifications, training, experience and technical knowledge and has passed the as certified by the International Code Council

²Editor's note(s)—Ord. No. 696-10-07, § 1, adopted Oct. 2, 2007, amended Art. III in its entirety to read as herein set out. Former Art. III, §§ 173.12.01—173.12.10, pertained to similar subject matter and derived from Ord. No. 826-12-06, § 1(Exh. A), adopted Dec. 19, 2006.

but can not obtain permits to perform work until becoming a registered contractor with the City of Springfield.

- (f) *Mechanical licensee-solid fuel/vented decorative appliance.* Any individual who has the necessary qualifications training, experience and technical knowledge and has passed the solid fuel/vented decorative appliance mechanical examination as certified by the mechanical commission, but cannot obtain permits to perform work until becoming a registered contractor with the City of Springfield.
- (g) *Residential structures.* A building or structure not over two stories in height housing one or more dwelling units and which have individual heating or cooling systems.
- (h) *Supervision of a mechanical licensee.* The mechanical licensee shall have personal knowledge of the proposed work and shall personally inspect the work to ensure that it is done in accordance with sound principles of mechanical engineering and work.

(Ord. No. 696-10-07, § 1, 10-2-07)

§ 173.12.04. Registered mechanical contractor.

- (a) Only a registered mechanical contractor (except as provided in section 173.10.06) shall have the authority to secure mechanical permits and to procure and furnish mechanical equipment and components for installation by the holder of a valid mechanical license in the employ of that contractor, person(s) installing mechanical equipment, components, etc., must be employees of same registered mechanical contractor who secured the mechanical permit.
- (b) If the person seeking to register as a mechanical contractor is an individual acting as a sole proprietor, he must be a mechanical licensee. If the person seeking to register is a corporation, partnership, group, or association, it must have as an officer, partner, or member an individual who is a mechanical licensee.
- (c) In the event the person's business terminates, or the holder's mechanical license expires, no further permits shall be issued under the registration and the registration shall expire. The mechanical contractor shall have 30 days to renew his registration or transfer his unfinished mechanical work to another registered contractor. To receive another registration, the mechanical contractor must reapply on forms furnished by the department.
- (d) Any person registered to engage in the business of installation of mechanical equipment or apparatus within the city or within any other area under its jurisdiction shall give bond to the city in the sum of \$5,000 from a commercial corporation dealing in surety bonds with surety to be approved by the corporation counsel, conditioned upon the faithful performance of the requirements of this chapter and the bond shall run from January 1 to December 31 of each year. This bond shall be filed with the department and be maintained on file by the department. The bond shall be kept in full force and effect for a period of one year after expiration or revocation of a mechanical contractors registration.
- (e) Any person registered to engage in the business of installation of mechanical equipment or apparatus within the city or within jurisdiction shall also show proof of insurance before registration is issued with minimum amount of liability of \$500,000. The insurance coverage shall be a minimum of:
 - (1) Bodily injury—per person—\$100,000.
 - (2) Bodily injury—per occurrence—\$300,000.
 - (3) Property damage—per occurrence—\$100,000.
 - (4) Workman's Compensation—in accordance to state law.
 - (5) A combined single limit of \$500,000 in the aggregate for bodily injury and property damage per occurrence is acceptable in lieu of subsections (1), (2) and (3) above.

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- (f) Any person seeking to register as a mechanical contractor who is currently licensed in another municipality (having reciprocal testing) in the State of Illinois or in a municipality or state outside the State of Illinois, as a mechanical contractor, and who has obtained his contractor registration prior to October 10, 2007, and who has not allowed his registration to expire for more than two years, shall file an application form furnished by the department. After reviewing the application, the mechanical commission shall:
- (1) Register the contractor without requiring the license holder to have passed the International Code Council mechanical examination;
 - (2) Register the contractor without requiring the license holder to have passed the International Code Council mechanical examination but limit the work in the city; or
 - (3) Require a City of Springfield mechanical license and registration. In (f)(1) and (2), only the registration fee shall be charged. A bond and proof of insurance as required in subsection 173.12.04(e) shall be required in all cases.
- (g) All mechanical contractors registered in the City of Springfield prior to October 10, 2007, and who have not allowed their registration to lapse for more than two years, will not be required to take the International Code Council mechanical license test.

(Ord. No. 696-10-07, § 1, 10-2-07)

§ 173.12.05. Application for mechanical license.

- (a) Application for a mechanical license shall be made in writing on forms furnished by the department and filed with the mechanical commission.
- (b) To be eligible to obtain a mechanical license, an individual must have:
- (1) Mechanical license—residential. Five years' practical experience in all types of mechanical work as approved by the mechanical commission. Successfully passed the International Code Council, Illinois Commercial Contractor examination (or the Springfield mechanical test prior to October 10, 2007).
 - (2) Mechanical license—commercial. Seven years' practical experience in all types of mechanical work as approved by the mechanical commission. Successfully passed the International Code Council, Illinois Commercial Contractor examination (or the Springfield mechanical test prior to October 10, 2007).
 - (3) Mechanical license—solid fuel/vented decorative appliance. Five years' practical experience in the installation of solid fuel/vented decorative appliances as approved by the mechanical commission. Successfully passed the examination given by the mechanical commission for solid fuel/vented decorative appliance contractors.
 - (4) Mechanical license—mobile home contractor. Five years practical experience in the installation of mobile home mechanical components as approved by the mechanical commission. Successfully passed the examination given by the mechanical commission for mobile home contractors.

(Ord. No. 696-10-07, § 1, 10-2-07)

§ 173.12.06. Mechanical license examination, registration; fees.

- (a) Every person applying for a mechanical license shall file an application form as furnished by the department and shall pay the city treasurer a non-refundable application fee of \$25. If the applicant is found to have passed the required examination listed in subsection 173.12.05.b., a mechanical license as applied for shall be issued upon payment of the mechanical license fee of \$25.

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- (b) If an applicant is found to have failed the required examination listed in subsections 173.12.05.b. he may re-apply for a mechanical license after having subsequently passed the required examination within two months without having to re-pay the \$25 application fee listed in subsection 173.12.06.a.
 - (c) Before being registered as a mechanical contractor or having his registration renewed, an applicant shall fill out an application form furnished by the department. If the applicant is not applying as a sole proprietor, he shall furnish proof that he is an officer or partner of the partnership, corporation, group, or association for which he is applying. A bond shall be posted as specified in section 173.12.04 and he shall pay the city treasurer a contractor's fee of \$45.
 - (d) Every mechanical contractor who has received a registration and every person who has received a mechanical license shall be entitled for renewal upon making an application to the department and paying the following fees:

- (1) Registered mechanical contractor

Springfield\$45.00

Illinois other than Springfield45.00

Outside State of Illinois45.00

- (2) Mechanical license25.00

- (e) Renewal of every registration and license shall be due on December 31 of the year in which it was issued. If the renewal is not completed by the end of January following, the renewal fee shall double. All registration and license will expire on the last day of the following February.
- (f) Any person whose license has expired will reapply on the "application for mechanical license" forms furnished by the department. The commission will review the application and if approved the fee will be doubled. If the license has expired for more than six years, the application will be considered a new application and the procedure for a new application including an examination and fees will be followed.

(Ord. No. 696-10-07, § 1, 10-2-07)

§ 173.12.07. Suspension or revocation of registration or license.

- (a) Any person may have his registration or license suspended or revoked for any misrepresentation in obtaining the registration or license or for the failure to comply with the provision of this chapter.
- (b) Any person directly interested who is aggrieved by any decision of the mechanical inspectors in the execution of their duties, may appeal from any decision to the building official. The appeal shall be taken by the person aggrieved giving written notice of an appeal to the building official at the office of the department within three working days after the decision is served. The building official shall respond to the aggrieved person within five working days thereafter. Any interested party, including the inspector, shall have the right to be heard. If the aggrieved person disagrees within the ruling of the building official, he may appeal to the commission under their rules of procedures.
- (c) Prior to holding a hearing for the suspension or revocation of a mechanical contractor's registration or mechanical license by the mechanical commission, a notice shall be served personally or by certified mail upon the holder whose registration or license is in question. This notice shall indicate the time and place of a hearing before the mechanical commission and the general grounds for the contemplated suspension or revocation. This notice shall advise the holder of his right to appear at the hearing in person and be represented by counsel. This notice shall be served upon the holder at least 15 days prior to the hearing before the mechanical commission. The mechanical commission may suspend or revoke the registration or license.

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- (d) Any person whose registration as a mechanical contractor or any person whose mechanical license has been revoked shall not reapply for a new registration or license within one year after the revocation. Thereafter, an application to be registered as a mechanical contractor or for a mechanical license shall be processed in the same manner as an original application paying all fees and furnishing bonds if necessary. The suspension or revocation of a registration or license shall not entitle the holder to a refund of any part of a fee which may have been paid.

(Ord. No. 696-10-07, § 1, 10-2-07)

§ 173.12.08. Limited use of license.

No mechanical license issued in accordance with this chapter shall be assigned or used for more than one registered mechanical contractor unless approved by the mechanical commission.

(Ord. No. 696-10-07, § 1, 10-2-07)

§ 173.12.09. Mechanical commission.

- (a) There is hereby established a mechanical commission of the city consisting of the following. Three members shall be current holders of a mechanical license, one member shall be a registered professional engineer in the State of Illinois and one member who is from the general public having no financial interest in the mechanical industry in the city. All members shall be appointed by the mayor with the advice and consent of the city council, as follows: One for five years, one for four years, one for three years, one for two years, and one for one year. Thereafter, each new member shall serve for five years or until a successor has been approved.
- (b) The members shall serve without compensation. Three members of the commission shall constitute a quorum for the transaction of business. The affirmative vote of three members of the commission shall be required to take an official action.
- (c) The commission shall adopt any rules and regulations, not inconsistent with the law and necessary for the conduct of its business and performance of its duties.
- (d) The building official and mechanical inspectors shall be ex officio non-voting members of the commission. The building official shall designate an individual to serve as secretary to keep minutes and records of all proceedings of the commission. A copy of the minutes shall be filed with the department within ten days after the meeting.
- (e) The department shall provide suitable space in which the commission shall hold its meetings, and all necessary equipment and facilities for holding the solid fuel/vented decorative appliance and mobile home contractor examinations. The department shall pay all administrative expenses of the solid fuel/vented decorative appliance and mobile home contractor examinations.

(Ord. No. 696-10-07, § 1, 10-2-07)

§ 173.12.10. Power and duties of commission.

- (a) The mechanical commission shall meet to review applications for mechanical licenses and mechanical contractor registrations, to evaluate applicants to determine their qualifications, to issue mechanical licenses and mechanical contractor registrations, and to revoke the same after hearings as provided herein, and to act as an appeal board under section 173.12.09 of this chapter.

-
- (b) The department and/or the mechanical commission may determine the suitability of alternate materials and methods of installation and provide for reasonable interpretation of the provisions of this chapter. The department shall keep a list of file of such decisions which shall be available to the public during regular office hours.
 - (c) In addition to the duties stated above, the commission may recommend to the building official:
 - (1) Safe and practical standards and specifications for the installation, alteration, and use of mechanical equipment.
 - (2) Reasonable rules and regulations governing the registration of mechanical contractors and the issuing of permits by the department.
 - (3) Reasonable fees to be paid for registration and inspection by the department of mechanical work within the city.
 - (d) The commission shall meet at least once during January and at least three other times each year. At the first meeting, the commission shall elect one of the voting members as the chairperson to preside at the meetings of the commission. If the chairperson is absent, the commission shall appoint another voting member to preside.
 - (e) The commission shall give a mechanical examination for the solid fuel/vented decorative appliance and mobile home contractor during the first 15 days of the months of January, April, July, and October.

(Ord. No. 696-10-07, § 1, 10-2-07)

TITLE IX: GENERAL REGULATIONS	
Chapter 94: Fire Safety Adopted 1/1/20238/1/07	
	Article I. International Fire Code and Life Safety Code, NFPA 101
§ 94.10.	Adopted.
§ 94.11.	Definitions.
	Article II. Fire Safety Division
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§ 94.23.	Emergency measures.
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§ 94.37.	Special fire watch.
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§ 94.40.	Fire hydrant requirements.
§ 94.41.	Duty to install fire hydrants.
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	Article V. Fireworks
§ 94.50.	Adoption of 2018 00 edition of NFPA 1123 code for fireworks display.
§ 94.51.	Manufacture of fireworks.
§ 94.52.	Sale of fireworks.
§ 94.53.	Display of fireworks; permit.
§ 94.54.	Exceptions.
§ 94.55.	Parental responsibility.
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	Article VI. Transportation and Storage of Certain Substances.
§ 94.60.	Storage of explosives and blasting agents.
§ 94.61.	Dumpsters and waste containers.
§ 94.62.	Discharge of hazardous substances within the City of Springfield.
§ 94.63.	Storage in utility rooms, attic areas and crawl spaces prohibited.
§ 94.64.	Storage of flammable liquids in outside aboveground tanks.
§ 94.65.	Protection of natural gas meters, and LPG installations.
94.66	Outside storage near egress doors
	Article VII. Open Air Fires

§ 94.70.	Open air fire regulations.
§ 94.71.	Reserved.
§ 94.72.	Report of an emergency situation.
	Article VIII. Basement Dwelling Units.
§ 94.80.	Requirements for basement dwelling units in existence prior to 1989.
	Article IX. Penalty Provisions
§ 94.999.	Penalty for chapter violation.

CHAPTER 94

ARTICLE I. INTERNATIONAL FIRE CODE AND LIFE SAFETY CODE, NFPA 101

§ 94.10. Adopted.

- a. The ~~2018~~ International Fire Code, as published by the International Code Council, Inc. and any future amendments thereto, is hereby adopted and incorporated herein by reference pursuant to the authority of the Illinois Compiled Statutes, 65 ILCS 5/1-3-1 through 5/1-3-6 inclusive and pursuant to the power granted to the City by the Home Rule Provisions of the Illinois Constitution of 1970. In the event any of the provisions of the ~~2018~~ International Fire Code are in conflict with this Chapter or any other ordinances of the City the more restrictive of those ordinances shall prevail.
- b. The following are deleted from the ~~2006-2018~~ International Fire Code, and are of no force or effect herein:

Chapter 1	Section 109 408 Board of Appeals
	Section 100.3 Violation of penalties
	Section 111.4 Failure to comply
Chapter 3	Section 3.11.1.1 Abandoned premises
	Section 311.2 Safeguarding vacant premises
Chapter 33	Section 3308 Fireworks Display
Appendix	A Board of Appeals
Appendix	B Fire Flow Requirements for Buildings
Appendix	C Fire Hydrant Locations and Distributions

- c. The following are insertions and revisions to the ~~2006~~18 International Fire Code:
 - Section 311.3 General. To read as follows: "Temporarily unoccupied buildings, structures, premises or portions thereof, including tenant spaces, and vacant structures as defined in Chapter 170.10.03(b) of the Springfield Code of Ordinances, 1988, as amended, shall be safeguarded and maintained."
 - Section 311.2.1 Security. To read as follow: "Exterior openings and interior openings accessible to other tenants or unauthorized persons shall be secured in accordance with Division 5 of Chapter 170 of the Springfield Code of Ordinances, 1988, as amended."
- d. The terms permit and permits as found in the ~~2018~~ International Fire Code are hereby further defined as written authorization from the Fire Safety Division of the Springfield Fire Department.
- e. The NFPA 101 Life Safety Code, ~~2000-2015~~ Edition as published by the National Fire Protection Association, and any future amendments thereto, is hereby adopted and incorporated herein by reference pursuant to the authority of the Illinois Compiled Statutes, 65 ILCS 5/1-3-1 through 5/1-3-~~126~~ inclusive and pursuant to the power granted to the city by the Home Rule Provisions of the Illinois Constitution of 1970, as the minimum life safety standard recognized by the City of Springfield.
- f. In the event of an inconsistency or conflict between any of the codes adopted by the city in this chapter, the decision of the fire code official as to which code or section applies shall prevail.

§ 94.11. Definitions.

For the purpose of this Chapter the following definitions shall apply unless the context clearly indicates or requires a different meaning:

Alarm: means an audible or mechanical or electrical signal from a detection system, which indicates a disturbance of the detection system or some other activity that requires urgent attention.

Alarm system means any assembly of equipment, which is designed, or functions to provide an audible or mechanical or electrical signal that indicates a disturbance or some other activity that requires urgent attention.

Alarm user means any person or entity who owns or is in control of a premises protected or intended to be protected by an alarm system.

Central station. An office which meets the requirements of NFPA Standard 72, 201902 edition, to which remote alarm and supervisory signaling devices are connected and where personnel are in attendance at all times to supervise the circuits and investigate signals.

Chronic False Alarm Fines, ~~means~~ those dollar amounts assessed by the City and billed to any alarm user whose false alarms exceed the allowable number as set forth in this chapter.

Commercial Occupancy. Any structure or portion of a structure listed in section 202 of the 2018 06 International Fire Code; General Definitions of Occupancy Classifications, with the exception of R, residential, and U, miscellaneous.

Department of Fire Prevention. Fire Safety Division of the City of Springfield Fire Department~~SFD~~.

False alarm means the activation of an alarm signal initiating an emergency response by the Springfield Fire Department in instances where an emergency situation does not, in fact, exist, and to which personnel from the Springfield Fire Department respond.

Fire district. That part of the City from the center line of 1st Street, east to the center-line of 10th Street railroad tracks and from the center line of Madison Street south to the center line of Cook Street.

Fire Code Official. The Division Chief in charge of the Fire Safety Division.

Fire Marshal. The Division Chief in charge of the Fire Safety Division and the Fire Code Official for the City of Springfield.

Fire Suppression System. A mechanical system designed and equipped to detect a fire, actuate an alarm and suppress a fire.

Fire Protection System. Approved devices, equipment and systems or combinations of systems used to detect a fire, activate an alarm, extinguish or control a fire, control or manage smoke and products of a fire or any combination thereof.

Fireworks. Any composition or device for the purpose of producing a visible or an audible effect for entertainment purposes by combustion deflagration, or detonation that meets the definition of "Consumer Fireworks" or "Display Fireworks" as set forth in the 200018 edition of NFPA 1123 Code for Fireworks Display.
Devises

Jurisdiction. The Corporate Limits of the City of Springfield, land owned by the City of Springfield, or land under an annexation agreement with the City of Springfield.

Knox Box / Key Box. A high security key box system designed to give firefighters immediate access to locked buildings, elevators and other secured areas.

Multi-dwelling unit. A building providing three or more dwelling units for independent living and/or sleeping by three or more individuals or families.

Owner. Any person who:

1. Has legal or equitable title to any building or property; or

2. Is a contract for deed purchaser of the building or property and has possession or control of the building or property.

Permit and Permits. A written authorization from the Fire Safety Division of the Springfield Fire Department.

Pyrotechnic and/or Flame Effects Display. Any composition or device for the purpose of producing a visible or an audible effect for entertainment purposes (close proximity to crowds usually during concerts and/or shows) by combustion deflagration, or detonation that meets the definition of "Consumer Fireworks" or "Display Fireworks" as set forth in the ~~2000~~ 2018 edition of NFPA 1123 Code for Fireworks Display and the 2016 edition of NFPA 1126 Code for Use of Pyrotechnics Before A Proximate Audience

Remote station. An office that meets the requirement of NFPA Standard 72, ~~2019~~ 2002 edition, for receiving fire alarms

ARTICLE II. FIRE SAFETY DIVISION

§ 94.20. Established; composition.

- a. There is hereby established a Fire Safety Division within the Department.
- b. The Fire Code Official, who shall be appointed by the Chief of the Department, shall head the Fire Safety Division.

§ 94.21. Powers and duties.

Without limiting the powers and duties prescribed by law and ordinance, the Fire Safety Division shall:

1. Enforce all fire safety provisions of this chapter and fire safety provisions of the ~~2018~~ 1996 International Fire Code, ~~2018~~ 1996 International Building Code, in cooperation with the building department, and the National Fire Protection Association Life Safety Code 101, ~~2015~~ 1999 edition.
2. Establish rules and regulations for the enforcement of this Chapter. Prior to adoption, the rules and regulations shall be reviewed and approved by the Chief of the Department.
3. Prepare an annual report containing statistics relevant to the requirements of this Chapter for the Chief of the Department and the Mayor.
4. Take photographs during inspections and investigations for the purpose of documenting compliance with or violations of the provisions of this Chapter.
5. With assistance from law enforcement, placard and prohibit occupancy of a building or structure which:
 - a. Is unsafe due to fire or structure damage; or
 - b. Has inadequate egress;
 - c. Constitutes a fire hazard;
 - d. Is dangerous to human life; or
 - e. Constitutes a hazard to safety, health, or public welfare by reason of inadequate maintenance, dilapidation, obsolescence, fire hazard, disaster, damage, or abandonment in relation to its existing use; or
 - f. Contains more persons than the determined occupant load allows, creating a hazardous overcrowding situation.
6. Investigate any fires occurring within the jurisdiction of the Springfield Fire Department to determine the origin and cause where the cause is unknown or where the cause could be incendiary. This shall

~~include and be pursuant to any lawful intergovernmental agreement of which the City of Springfield is a party, or at the request of the authority of another jurisdiction who requests the assistance of the City of Springfield through a mutual aid agreement, investigate the cause or origin of fires that are suspected to be arson or arson related.~~

- ~~7.~~ Enforce the numbering of buildings in accordance with section 99.76 of the 1988 Springfield City Code of Ordinances, as amended and require that approved numbers or addresses be placed on all new and existing buildings in such a position as to be plainly visible and legible from the street or road fronting the property. The Fire Code Official or his authorized representative may require the address to be posted on other designated locations to assist responders in locating emergency situations. These numbers or addresses shall contrast with their background.

~~8.~~

- ~~9-8.~~ Hear appeals of individuals who are adversely affected by any determination of a Fire Safety Division inspector.

§ 94.22 Authority of Fire Personnel to Exercise Powers of Police Officers.

The Fire Code Official and members of the Fire Safety Division shall have the powers of a police officer in performing their duties under this Code.

~~a.~~ § 94.23 Emergency Measures.

~~b.~~ Whenever the Fire Code Official or his duly authorized representative shall find any building, structure, or premises that is structurally unsafe, without adequate egress, or which constitutes a fire hazard or is otherwise dangerous to human life, he shall issue such orders and post such notices or tags as may be necessary for the enforcement of the fire prevention code and for the safeguarding of life and property.

~~c-a.~~ Any order or notice issued or served as provided in this section shall be complied with by the owner, operator, occupant, or other person responsible for the condition or violation to which the order or notice pertains. In cases of extreme danger to persons or property immediate compliance shall be required.

~~d-b.~~ Any notice or tag posted or affixed by the Fire Code Official or his authorized representative shall not be mutilated, destroyed or removed without authority to do so.

~~e-c.~~ Structures placarded and recorded by the building and zoning department, as OCCUPANCY PROHIBITED shall not be occupied by any persons for any reason other than effecting repairs, or otherwise preparing the structure for occupancy until such time a Certificate of Occupancy is issued.

§ 94.24. Appeal Procedures.

Any person adversely affected by any determination of the Fire Safety Division may appeal the determination by giving written notice of appeal to the Fire Code Official or his designee at the Fire Code Official's office within five working days after the determination is served. The Fire Code Official or his designee shall meet within five working days thereafter with the aggrieved person. Any interested party, including the inspector, shall have the right to be heard. The Fire Code Official or his designee shall make a final determination within five working days after the hearing. Any final determination by the Fire Code Official shall constitute a final determination for purposes of judicial review and shall be subject to review under the Illinois Administrative Review Law (735 ILCS 5/3-101 et seq.).

- a. An application for appeal to the Fire Code Official shall be based on a claim that the intent of the Code or the rules legally adopted hereunder have been incorrectly interpreted, the provisions of this code do

not apply, or an equivalent method of protection or safety has been proposed but not accepted. No level of the appeals process shall have the authority to waive the requirements of this Code.

ARTICLE III. FIRE PROTECTION SYSTEMS

§ 94.30 Approval Required.

- a. No fire protection system, either required, or non-required, shall be installed or altered without first obtaining approval of the Fire Safety Division through the permit process.
- b. The owner or its agent shall submit a plan and a detailed list of equipment to be installed for review by the Fire Safety Division.
- c. All plans submitted to the Fire Safety Division shall be approved or disapproved within 12 working days of the date of submittal.

§ 94.31. Fire protection systems, components, installation, and maintenance requirements.

- a. All fire alarm detection systems shall be installed in accordance with the requirements of the NFPA Fire Code Standard 72, 200219 edition. Where documentation is required by the authority having jurisdiction, the following list shall represent the minimum documentation required for new systems and additions or alterations to existing systems:

1. * Written narrative providing intent and system description
2. Riser diagram
3. Floor plan layout showing locations of all devices, control equipment, and supervising station and shared communications equipment with each sheet showing the following:
 1. (a) Point of compass (north arrow)
 2. (b) A graphic representation of the scale used
 3. (c) Room use identification
 4. (d) Building features that will affect the placement of initiating devices and notification appliances
4. Sequence of operation in either an input/output matrix or narrative form
5. Equipment technical data sheets
6. Manufacturers' published instructions, including operation and maintenance instructions
7. Battery capacity and safety margin calculations (where batteries are provided)
8. Voltage drop calculations for notification appliance circuits
9. Mounting height elevation for wall-mounted devices and appliances
10. Where occupant notification is required, minimum sound pressure levels that must be produced by the audible notification appliances in applicable covered areas
11. Locations of alarm notification appliances, including candela ratings for visual alarm notification appliances

12. * Pathway diagrams between the control unit and shared communications equipment within the protected premises
13. Completed record of completion in accordance with 7.5.6 and 7.8.2
14. For software-based systems, a copy of site-specific software, including specific instructions on how to obtain the means of system and software access (password)
15. Record (as-built) drawings
16. Records, record retention, and record maintenance in accordance with Section 7.7
17. Completed record of inspection and testing in accordance with 7.6.6 and 7.8.2

~~b.~~

~~e.b.~~ All fire suppression systems and components shall be installed in accordance with the requirements of NFPA Installation of Sprinkler Systems Standards 13, 13R, & 13D, 2002 edition.

~~e.c.~~ All special engineered fire protection systems shall comply with referenced NFPA standards, in their entirety, listed in chapter ~~45-80~~ of the 20180s International Fire Code.

~~e.d.~~ All cooking hood suppression systems in use within the jurisdiction of the City of Springfield ~~after September 1, 2004~~ must meet the requirements of NFPA 17A Wet Chemical Extinguishing Systems and Underwriters Laboratories 300.

~~f.e.~~ All fire alarm detection systems connected to a light and power service shall be on a dedicated branch service. The circuit and connections shall be mechanically protected. The circuit disconnecting means shall be accessible only to personnel authorized by the owner of the system and shall be clearly marked "fire alarms circuit control" as required by the NFPA Fire Code Standard 72, 201902 edition.

~~g.f.~~ Fire protection systems that are required to have monitoring of the signal ~~must provide two means of communication between the system and the receiving station. The first means of communication will be a dedicated telephone line that serves only the monitoring of the fire protection system. The second means of communication may be either a second phone line that may not be dedicated but able to capture the line if needed to transmit a signal, or radio transmission over a listed and approved wireless communications system approved specifically as a communications device for a fire protection system.~~
shall meet the requirements of NFPA 72 2019 edition for Monitoring and all components thereof.

~~h.g.~~ All fire protection systems, required or non-required by any code, shall be installed, maintained, and operated per manufacturer recommendations, and pursuant to adopted codes and regulations governing those fire protection systems. Fire protection systems shall not generate false alarms due to a preventable system defect, lack of maintenance, employee error, or malfunction.

~~h.h.~~ No fire alarm detection device(s) may be installed or allowed to be a part of a zone, loop, or other similar devices, of a security system unless the security system is of a listed and approved type capable of operating the fire detection device(s). The security device shall be capable of providing a means to identify the difference between a fire detection signal, and a security system activation when reporting a signal to a remote monitoring site.

~~h.i.~~ Fire alarm and fire suppression companies which provide maintenance, servicing, and / or monitoring services to occupancies within the jurisdiction of the City of Springfield must notify the Fire Safety Division in writing, 7 days prior to removal of any component or service of any existing system. Similar notification shall be provided within 24 hours of an emergency situation that decreases the life safety

protection of an occupancy within the jurisdiction of the City of Springfield.

~~k.i.~~ Electronic supervision of fire suppression control valves is required. Chain and padlock type security is not allowed.

~~k.~~ Rooms containing fire extinguishing system controls and communications equipment shall be identified in an approved manner.

~~m.i.~~ Owners of occupancies must at all times provide a local representative who has the responsibility and authority to respond to and assist emergency personnel during response to an occupancy. The owner of the occupancy shall ensure that said representative will be onsite within 1 hour of notification of the owner, property representative, or an authorized answering service.

~~m.~~ Owners of occupancies protected by a fire alarm system with or without monitoring of signals must provide information regarding the means by which the local representative responsible in section (L) above may be contacted. This information may be either posted on site where the alarm is installed, or provided to the Alarm Company responsible for servicing the system. Any changes to contact information must be updated within 5 days of the change.

~~n.~~ A record of all periodic inspections, tests, servicing and other operations and maintenance shall be on the premise for a minimum of three (3) years and shall be made available upon request to the fire code official on request. Additionally, current inspection and testing records shall be submitted to the Fire Safety Division or its designee within 14 business days.

~~n.o.~~ Deficiencies noted on fire protection systems inspections, testing and maintenance shall be abated and a subsequent inspection noting all corrections and deficiencies abated shall be submitted.

§94.32. Central and Remote Stations.

- a. Any business engaged in the activity of receiving fire alarms must be a central or remote station as defined in this Chapter.
- b. All central and remote stations shall maintain, at their business premises, a record of all fire alarm detection systems monitored by them. This record shall be maintained by address and shall contain for each location:
 1. Address and location protected;
 2. Name of the customer served; and
 3. Name of the state licensed private alarm contractor under contract for maintenance of the system.
- c. All central and remote stations shall maintain, at their business premises, a record of each activation of any fire alarm detection system monitored by them. The records shall be maintained by address and shall contain for each activation:
 1. Address of activated system;
 2. Date, time, and duration of each activation of any system;
 3. Type of signal;
 4. Whether the Department was notified of the activation;
 5. Whether the state licensed private alarm contractor under contract for maintenance of the system responded to the activation;

6. Determination of the cause of the activation; and -name of person making the record entry.
- d. The records required by this section shall be available for inspection by Fire Safety Division personnel during business hours of the central or remote station.
- e. The records required by this section, together with any printed matter produced by equipment connected to fire alarm receiving equipment, shall be maintained and retained for three years.
- f. Upon request of the Fire Safety Division, copies of any records required by this section shall be furnished to the division.
- g. All alarm detection systems that are installed in buildings located within the fire district shall be connected to a central or remote station.

§ 94.33. Reserved.

§ 94.34. ReservedExisting multi dwelling units alarm system specifications.

- a. ~~All existing multi dwelling buildings which meet any of the following criteria, shall have a fire alarm system following the specifications of section (b) below:~~
 1. ~~13 dwelling units or more~~
 2. ~~4 stories or more (A story equals any level with more than 50% of its height above any perimeter grade, measured interior ceiling to floor.)~~
 3. ~~3 stories or less where direct exterior exiting is not available from each dwelling unit~~
- b. ~~The owner or his agent of any existing multi dwelling unit which meets any of the criteria set forth in section (a) shall install a fire alarm detection system consisting of:~~
 1. ~~Fixed temperature detectors in the attic, storage, equipment, and furnace room.~~
 2. ~~Rate of rise fixed temperature detectors in the basement or cellar; or a fixed temperature detector that meets the requirements of NFPA Standard 72, 2002 edition. These fixed temperature detectors shall have a maximum spacing between detectors of not more than 50 feet.~~
 3. ~~Photoelectric smoke detectors in each corridor according to the manufacturers listed coverage.~~
 4. ~~A photoelectric smoke detector on the ceiling at the top of any stairway that is enclosed at the top landing.~~
 5. ~~Audible and/or visual fire alarm devices as required to notify all building occupants.~~
 6. ~~An outside weatherproof audible and visual fire alarm device with a sign placed by the horn reading: Fire Alarm - Call 911.~~
 7. ~~Pull stations at points of egress and other areas where circumstances dictate as determined by the fire safety division.~~
 8. ~~An annunciator panel designed to indicate location of alarm by floor or other area identified by the fire safety division during the plan review.~~
 9. ~~A fire alarm control panel with approved emergency power.~~
 10. ~~A single station smoke detector in each room designated by the fire safety division during the plan review.~~
- c. ~~Where deemed appropriate by the fire safety division, a system of interconnected hardwired smoke detectors with battery back up shall be installed in rooms designated by the fire safety division in lieu of the fire alarm detection system listed in 94.34(b).~~

d. ~~The owner or his agent of any multi dwelling building, regardless of the number of stories, number of units, or exit provisions, shall provide inside each dwelling unit, a single station battery powered smoke detector in an operating condition in the following locations:~~

1. ~~Inside each room used for sleeping purposes, and~~
2. ~~Outside of all sleeping rooms in the vicinity of all sleeping rooms, and~~
3. ~~On each level of the dwelling unit, including the basement.~~

~~All single station battery powered smoke detectors authorized and required herein shall be installed on the ceiling at least four inches from any side wall to the near edge of the detector, or on a wall located between four and twelve inches from the ceiling to the top of the detector.~~

e. ~~Multi dwelling units that are fully sprinklered are required to have a fire alarm detection system consisting of:~~

1. ~~Fixed temperature detectors in the attic, storage, equipment, and furnace room.~~
2. ~~Rate of rise fixed temperature detectors in the basement or cellar; or a fixed temperature detector that meets the requirements of NFPA Standard 72, 2002 edition. These fixed temperature detectors shall have a maximum spacing between detectors of not more than 50 feet.~~
3. ~~Photoelectric smoke detectors in each corridor according to the manufacturers listed coverage.~~
4. ~~A photoelectric smoke detector on the ceiling at the top of any stairway that is enclosed at the top landing.~~
5. ~~Audible and/or visual fire alarm devices as required to notify all building occupants.~~
6. ~~An outside weatherproof audible and visual fire alarm device with a sign placed by the horn reading: Fire Alarm- Call 911.~~
7. ~~Pull stations at points of egress and other areas where circumstances dictate as determined by the fire safety division.~~
8. ~~A sprinkler flow alarm connected to a fire alarm control panel.~~
9. ~~Tamper switches on all control valves of the sprinkler system connected to the fire alarm control panel.~~
10. ~~An annunciator panel designed to indicate location of alarm by floor or other area identified by the fire safety division during the plan review.~~
11. ~~A fire alarm control panel with approved emergency power.~~
12. ~~A single station smoke detector in each room designated by the fire safety division during the plan review.~~

f. ~~The fire alarm systems required by this section shall be installed within a reasonable period of time as determined by the fire code official. This period of time shall not exceed one year from the date of written notification by the fire code official that a system is required.~~

i. ~~All fire alarm systems that meet any of the following criteria shall be connected to an approved central or remote station:~~

0. ~~Located in the fire district~~

0. ~~4 stories or more (A story equals any level with more than 50% of its height above any perimeter grade, measured interior ceiling to floor.)~~

0. ~~13 units or more~~

m. ~~Carbon monoxide detectors are required per the provision of the Carbon Monoxide Alarm Detector Act, Illinois Compiled Statutes (430 ILCS 135/) enacted 1/1/2007~~

§ 94.35. Newly constructed or altered ~~M~~ multi-dwelling units alarm system specifications.

- a. All newly constructed multi-dwelling units or any existing multi-dwelling units which are being altered, repaired, or remodeled under a building permit showing the cost of such to exceed \$1,000, and which meet any of the following criteria, shall require a fire alarm system following the specifications of section (b) below:
 1. 13 dwelling units or more
 2. 4 stories or more (A story equals any level with more than 50% of its height above any perimeter grade, measured interior ceiling to floor.)
 3. 3 stories or less where direct exterior exiting is not available from each dwelling unit
- b. The owner or his agent of any newly constructed multi-dwelling unit or any existing multi-dwelling unit that is being altered, repaired, or remodeled under a building permit showing the cost of such to exceed \$1,000, and which meets the criteria set forth in section (a) shall install a fire alarm detection system consisting of:
 1. Fixed temperature detectors in the attic, storage, equipment, and furnace room.
 2. Rate of rise fixed temperature detectors in the basement or cellar; or a fixed temperature detector that meets the requirements of NFPA Standard 72, 2019 edition. Spacing shall meet the requirements of NFPA 72 section 17.6.3. ~~Rate of rise fixed temperature detectors in the basement or cellar; or a fixed temperature detector that meets the requirements of NFPA Standard 72, 2002 edition. These fixed temperature detectors shall have a maximum spacing between detectors of not more than 50 feet.~~
 3. Photoelectric smoke detectors in each corridor according to the manufacturers listed coverage.
 4. A photoelectric smoke detector on the ceiling at the top of any stairway that is enclosed at the top landing.
 5. Audible and/or visual fire alarm devices as required to notify all building occupants.
 6. An outside weatherproof audible and visual fire alarm device with a sign placed by the horn reading: Fire Alarm—Call 911.
 7. Pull stations at points of egress and other areas where circumstances dictate as determined by the fire safety division.
 8. An annunciator panel designed to indicate location of alarm by floor or other area identified by the fire safety division during the plan review.
 9. A fire alarm control panel with approved emergency power.
 10. A single station smoke detector in each room designated by the fire safety division during the plan review.

- ~~e. Where deemed appropriate by the fire safety division, a system of interconnected hardwired smoke detectors with battery back up shall be installed in rooms designated by the fire safety division in lieu of the fire alarm detection system listed in 94.34(b).~~
- ~~d. The owner or his agent of any multi-dwelling building, regardless of the number of stories, number of units, or exit provisions, shall provide inside each individual dwelling unit, a single station battery powered smoke detector in an operating condition in the following locations:~~
 - ~~1. Outside of all sleeping rooms in the vicinity of all sleeping rooms, and~~
 - ~~2. Inside each room used for sleeping purposes, and~~
 - ~~3. On each level of the dwelling unit, including the basement.~~

~~All single station battery powered smoke detectors authorized and required herein shall be installed on the ceiling at least four inches from any side wall to the near edge of the detector, or on a wall located between four and twelve inches from the ceiling to the top of the detector. Smoke detection for Newly Constructed or Altered Multi Dwelling units shall meet the provisions set forth in the International fire and building code 2018 editions.~~

e.c. Multi-dwelling units that are fully sprinklered shall be required to have a fire alarm detection system consisting of the components listed in the International fire code 2018 edition chapter 903.:

- ~~0. Fixed temperature detectors in the attic, storage, equipment, and furnace room.~~
- ~~0. Rate of rise fixed temperature detectors in the basement or cellar; or a fixed temperature detector that meets the requirements of NFPA Standard 72, 2002 edition. These fixed temperature detectors shall have a maximum spacing between detectors of not more than 50 feet.~~
- ~~0. Photoelectric smoke detectors in each corridor according to the manufacturers listed coverage.~~
- ~~0. A photoelectric smoke detector on the ceiling at the top of any stairway that is enclosed at the top landing.~~
- ~~0. Audible and/or visual fire alarm devices as required to notify all building occupants.~~
- ~~0. An outside weatherproof audible and visual fire alarm device with a sign placed by the horn reading: Fire Alarm Call 911.~~
- ~~0. Pull stations at points of egress and other areas where circumstances dictate as determined by the fire safety division.~~
- ~~0. A sprinkler flow alarm connected to a fire alarm control panel.~~
- ~~0. Tamper switches on all control valves of the sprinkler system connected to the fire alarm control panel.~~
- ~~0. An annunciator panel designed to indicate location of alarm by floor or other area identified by the fire safety division during the plan review.~~
- ~~0. A fire alarm control panel with approved emergency power.~~
- ~~0. A single station smoke detector in each room designated by the fire safety division during the plan review.~~
- ~~r. The fire alarm detection systems required by this section shall be installed within a reasonable period of time determined by the fire code official. This period of time shall not exceed one year from the date of written notification by the fire code official that a system is required.~~

~~s.d.~~ All fire alarm systems that meet any of the following criteria shall be connected to an approved central or remote station:

1. located in the fire district
2. 4 stories or more (A story equals any level with more than 50% of its height above any perimeter grade, measured interior ceiling to floor.)
3. 13 units or more

h. Carbon monoxide detectors are required per the provision of the Carbon Monoxide Alarm Detector Act, Illinois Compiled Statutes (430 ILCS 135/) enacted 1/1/2007 as well as the provisions set forth in the International Fire and Building Code 2018 edition.

§ 94.36. Alarm system specifications for newly constructed or altered commercial buildings.

- a. Except as provided in subsection (b) below, the owner or his agent of any newly constructed commercial building that exceeds 10,000 square feet gross building area or exceeds two stories in height, or any existing commercial building that meets those requirements and is being altered or remodeled under a building permit or permits showing the cost of such to exceed \$10,000.00, shall install a fire alarm detection system consisting of:
1. Fixed temperature detectors in any attic, mechanical, equipment, furnace room, and other areas where the circumstances dictate, as determined by the Fire Code Official.
 2. A rate of rise fixed temperature detectors in each room, basement and service area; or a fixed temperature detector that meets the requirements of NFPA Standard 72, 2019~~02~~ edition, and other areas where the circumstances dictate, as determined by the Fire Code Official.
 3. Photoelectric smoke detectors in each corridor according to the manufacturers listed coverage.
 4. A photoelectric smoke detector on the ceiling at the top of any stairway that is enclosed at the top landing.
 5. Audible and/or visual fire alarm devices as required to notify all building occupants.
 6. An outside weatherproof audible and visual fire alarm device with a sign placed by the horn reading: Fire Alarm - call 911.
 7. Pull stations at points of egress and other areas where the circumstances dictate, as determined by the Fire Safety Division.
 8. An annunciator panel designed to indicate location of alarm by floor and/or other area identified by the Fire Safety Division during the plan review.
 9. A fire alarm control panel with approved emergency power. Rooms containing fire alarm control and communications equipment shall be identified in an approved manner in accordance with NFPA Standard 72, 2002 edition.
- b. The owner or his agent of any newly constructed, or altered commercial building or assembly occupancy that is fully sprinklered shall install a fire alarm detection system consisting of:
1. Photoelectric smoke detectors in each corridor according to the manufacturers listed coverage.
 2. A photoelectric smoke detector on the ceiling at the top of any stairway that is enclosed at the top landing.
 3. Audible and/or visual fire alarm devices as required to notify all building occupants.

4. An outside weatherproof audible and visual fire alarm device ~~with a sign placed by the horn reading: Fire Alarm—call 911.~~
 5. Pull stations at points of egress and other areas where the circumstances dictate, as determined by the Fire Safety Division.
 6. A sprinkler flow alarm connected to a fire alarm control panel.
 7. Tamper switches on all control valves of the sprinkler system connected to the fire alarm control panel.
 8. An annunciator panel designed to indicate location of alarm by floor or other area identified by the Fire Safety Division during the plan review.
 9. A fire alarm control panel with approved emergency power. Rooms containing fire alarm control and communications equipment shall be identified in an approved manner in accordance with NFPA Standard 72, 2010~~2002~~ edition.
- c. The fire alarm detection system set forth in subsections (a) and (b) shall be connected to an approved central station or remote station for 24 hour monitoring.

§ 94.37. Special Fire Watch.

- a. When a building's required fire protection system has been out of service for over three hours, will not likely be put back in service for several more hours, and a serious fire or life safety hazard exists, the Fire Code Official or his authorized representative shall have the authority to order the building owner or person responsible for its operation to conduct a complete and adequate fire watch.
- b. The fire watch required by subsection (a) above shall consist of:
 1. A person or persons patrolling the building under watch for the purpose of detecting any fires or fire hazards. For these purposes, a sufficient number of persons shall be assigned so that the entire building can be patrolled on a continual basis each hour and those persons shall not perform any duties other than provided in this section.
 2. ~~Shall notify the Department communications/dispatch center upon the completion of each hourly patrol on the hour~~ designated time, a report that the patrol has been completed.
 3. ~~Keeping~~ Shall maintain a written hourly log of the patrolling at the building and shall send ~~sending~~ a copy thereof daily to the Fire Safety Division.
 4. ~~Immediate~~ Reporting to the Department communications center/ 911, any fires or fire hazards detected while on patrol.
- c. If the owner or person responsible for the building's operation fails to provide a fire watch required under subsection (a) above, the Fire Code Official or his authorized representative shall have the authority to:
 1. Evacuate the building, or
 2. Establish a fire watch with Department personnel. The owner of the building shall be liable for any expense incurred in establishing a fire watch with Department personnel. This expense shall be a lien against the property on which the fire watch is conducted. This lien shall be recorded with the county recorder of deeds within 60 days after the fire watch is completed, and suit to collect the cost of the lien shall be filed after the recording of the lien as in the case of foreclosure.

- d. Whenever in the opinion of the Fire Code Official or his authorized representative, and in conjunction with 201806 International Fire Code section 4033.4, it is essential for public safety in any place of public assembly or any other place where people congregate, due to the number of persons, or the nature of the performance, exhibition, display, contest or activity, the owner, agent or lessee shall employ one or more experienced firefighters, as required and approved by the Fire Code Official or his authorized representative, to be on duty at such place. Said firefighters shall be subject to the Fire Code Official or his authorized representative's orders at all times when so employed and shall be in uniform and remain on duty during the times such places are open to the public, or when such activity is being conducted. Before each performance or the start of each activity, said firefighters shall inspect the required fire appliances provided to see that they are in proper place and in good working order and shall keep diligent watch for fires during the time such place is open to the public or such activity is being conducted and take prompt measures for extinguishment of fires that may occur. Firefighters may render medical first aid to victims of medical emergencies but shall not be required or permitted, while on duty, to perform any other duties than those herein specified.

d.

§ 94.38. Knox Box required

All buildings (other than single family and duplex residences) having a monitored fire alarm system shall ~~also~~ be required to install a Knox Box at their main entrance or at an entrance approved by the Fire Safety Division. Larger buildings or complexes may be required to provide more than one Knox Box to ensure an adequate amount of keys are available to firefighters.

When access to or within a structure or area is unduly difficult because of secured openings or where immediate access is necessary for lifesaving or fire-fighting purposes, the Fire Safety Division may require a Knox box to be installed in an accessible location. All Knox boxes shall contain keys to gain necessary access as required by the Springfield Fire Department.

The owner of the building is responsible to contact the fire department any time the locks are changed and arrange to change out the keys so that current keys remain in the box at all times.

Additional requirements can be located in the International Fire Code section 506.

§ 94.39. Chronic False Alarms

- (a) No fire alarm user or their authorized agent shall permit, allow or suffer the fire protection system to communicate or transmit a false alarm. Each fire alarm user will be subject to the following resulting from a response by the Springfield Fire Department to those false alarms in accordance with the following:
- (1) During any 12 month period up to three (3) false alarms are allowed with no fine to be assessed which occur in any new fire protection system, provided the original installation plans or any rework plans were reviewed and approved by the fire safety division prior to the initial installation or rework per City Ordinance 94.30. The fire alarm user will be sent notification after the 3rd occurrence and prior to further action being taken as described below
 - (2) Any false alarm occurring in a fire protection system where the original installation plans or any rework plans were not reviewed and approved by the fire safety division prior to the initial installation or rework, is a violation of 94.30 and each occurrence will assessed a fine of two hundred fifty (\$250) dollars. Should the building owner submit plans for review and make necessary corrections to the system based on that review to gain approval of the fire protection system, that system will be considered a new system per (1) above
 - (3) During any 12 month period the fourth (4th) false alarm which occurs in any approved fire protection system, will be assessed a chronic false alarm fine of \$75 for violation of 94.31(g).

- (4) During any 12 month period five (5) to nine (9) false alarms which occur in any approved fire protection system, will be assessed a chronic false alarm fine of \$150 per each occurrence for violation of 94.31(g).
- (5) During any 12 month period ten (10) or more false alarms which occur in any approved fire protection system, will be assessed a chronic false alarm fine of \$250 per each occurrence for violation of 94.31(g).
- (6) If any assessed fine is not paid to the City of Springfield within 60 days of notice by registered mail, that owner shall be referred to the City Legal Division for compliance.

(b) Exceptions

Alarms resulting from any of the following causes shall not be considered to be a false alarm as that term is defined in this article and City Ordinance 94.11:

- (1) Any fire alarm transmitted in the first thirty (30) days after the initial installation of an approved fire protection system.
- (2) Food burned in or on approved cooking appliances
- (3) Smoke infiltrating from another location, provided the source of the smoke is not under the control of the fire alarm user
- (4) A fire causing structural damage to the protected premises.
- (5) An earthquake affecting the City of Springfield
- (6) A tornado affecting the City of Springfield.
- (7) Flooding of the protected premises.
- (8) Lightning causing physical damage to the protected premises.
- (9) Telephone line malfunction verified to the fire safety division by an authorized telephone company supervisor within seven (7) days of the occurrence.
- (10) Electrical service interruption verified to the fire safety division by an authorized electric company supervisor within seven (7) days of the occurrence.
- (11) Plumbing or electrical malfunctions unrelated to the fire protection system at the protected premises.
- (12) Malicious vandalism caused by a person or persons not under the control of the fire alarm user, provided the fire alarm user has taken appropriate steps to provide adequate security measures to protect the fire protection device from vandalism.

- (c) Beginning Jan1, 2008, the provisions of this section shall apply to all fire protection systems currently in use and under review and / or construction.

ARTICLE IV. FIRE HYDRANTS

§ 94.40. Fire Hydrant Requirements

- a. An approved water supply capable of supplying required fire flow for fire protection shall be provided to all premises in the Jurisdiction upon which buildings or portions of buildings are constructed after April 26, 1996. Except for R-3 occupancies as defined in the 2018~~06~~ International Fire Code, when any portion of the building protected is in excess of 250 feet from a water supply on a public street, there shall be provided, when required by the Fire Code Official, on-site fire hydrants and mains capable of supplying the required fire flow as determined in Appendix B of the 2018 International Fire Code.
- b. The type of fire hydrant, including number, size, and arrangement of outlets, the size of the main valve opening and the size of barrel shall be approved by the Office of Public Utilities based upon the required fire flow; provided, however, the fire hydrants shall not have less than a six-inch connection with the mains, and a gate valve shall be installed in the fire hydrant connection.

- c. There shall be an approved fire hydrant as described in subsection (b) above to all R-3 occupancies. Said hydrant shall be placed within 600 feet of any portion of the building protected.
- d. There shall be an approved fire hydrant within 150 feet of travel distance of the Department connection servicing sprinkler or standpipe systems. Beginning January 1, 2023 any newly constructed building shall have a fire hydrant located 100 feet of travel distance of the fire department connection "FDC" servicing a fire system standpipe system as required by section 507 of the International Fire Code.
- e. No object shall be constructed, maintained, or installed within 48 inches of a fire hydrant. It shall be unlawful to install, maintain, construct, or enlarge any barriers, trees, bushes, walls, or other obstacles, which may hide or impede the use of the fire hydrant.
- f. There shall be vehicle protection measures equivalent to the following specifications when it is determined that a fire hydrant requires protection from possible vehicular damage due to proximity to alleys, driveways, or parking areas: This is covered in 2018 IFC section 312
 - 1. Posts shall be a minimum of 4 inch steel pipe filled with concrete or be of a material with equivalent strength.
 - 2. Posts shall be a minimum of 36 inches in height above ground level.
 - 3. Posts shall extend a minimum of 36 inches below grade and be set in concrete.
 - 4. Posts shall be a minimum of 48 inches away from the hydrant.
 - 5. Posts shall be set on all sides of the hydrant, which may subject to the vehicular damage.
 - ~~5-6. Post shall be spaced not more than 4 feet between posts on center.~~
- g. Any equivalent measures used for vehicular protection shall first be approved by the Fire Safety Division before implementation.

§ 94.41. Duty to install fire hydrants.

If the requirements set forth in section 94.40 do not exist as of April 26, 1996, then the owner or his agent of any newly constructed or altered building on the premises shall be required to pay the costs of the fire mains, fire hydrants, and installation necessary to meet the requirements.

Actual installation of fire mains & fire hydrants required under this subchapter shall only be performed by the Office of Public Utilities in accordance with standards promulgated by it.

§ 94.42. Fire hydrant maintenance and inspection.

- a. The Office of Public Utilities shall maintain all public fire hydrants. Whenever it is notified that a fire hydrant is in need of repair, it shall make the repairs as soon as practicable and notify the Department when repairs are completed.
- b. The Department shall inspect all public fire hydrants, public and private alike at least once each year. All Private hydrants shall be inspected by an authorized inspector and report of testing forwarded to the Fire Safety Division on an annual basis. Any fire hydrant found to be in need of repair shall be reported to the Office of Public Utilities or to the responsible authority. Repairs shall be made in a timely manner.
- ~~b-c.~~ Inspections shall include but not be limited to the following:
 - 1. Condition of operating nut.
 - 2. Hydrant lubrication.
 - 3. Packing at top.

4. Condition of outlet including cap and thread.
5. General setting of hydrant.
6. Flow and drainage.

~~e-d~~ The Department shall report each usage of a fire hydrant to the Office of Public Utilities, which shall inspect each fire hydrant after its use.

ARTICLE IX. FIREWORKS

§94.50. Adoption of 20~~1800~~ edition of NFPA 1123 code for fireworks display

The NFPA 1123 Code for Fireworks Display, 20~~1800~~ edition, as published by the National Fire Protection Association, Inc.; is hereby adopted and incorporated herein by reference pursuant to the authority of the Illinois Compiled Statutes, 65 ILCS 5/1-3-1 through 5/1-3-~~126~~ and pursuant to the powers granted to the City by the Home Rule provisions of the Illinois Constitution of 1970 except as modified by the provisions which are hereby substituted or added.

§ 94.51. Manufacture of Fireworks.

The manufacture of fireworks within the city limits is prohibited except as authorized under the laws of the state.

State law reference(s)--Fireworks, 425 ILCS 30/1 through 35/4.

§ 94.52. Sale of Fireworks

No person shall offer for sale, expose for sale, or sell at retail any fireworks within the city limits.

(Ord. No. 152-3-99, § 1, (Exh. B), 3-16-99; Ord. No. 190-04-06, 04-04-06)

§ 94.53. Display of fireworks; permits

- a. The ~~chief of the Department~~City Fire Marshal ~~may~~ promulgate and adopt rules and regulations for the granting of permits for supervised displays of fireworks.
- b. No person shall possess, store, use, or explode any fireworks unless he shall have been issued a fireworks display permit. No person under the age of 21 years old shall be eligible to be issued a display permit.
- c. Application for any fireworks display permit shall be filed on the form approved by the City of Springfield Fire ~~and~~ Marshal and shall be available in the office of the city clerk. No application shall be accepted nor permit approved unless application is made 15 days or more in advance of the date of display. Each application shall include proof of insurance in a sum not less than \$1,000,000 conditioned on compliance with the provisions of this code and the regulations of the State Fire Marshal. The permittee shall be responsible for all damages or injuries occurring as a result of any display permitted, the amount not limited to the insurance provided. Effective 4/1/05 all individuals applying for a display permit must include a copy of his/her Lead Pyrotechnic Operator License issued by the Office of the State Fire Marshal.

- d. The city clerk shall forward all completed application forms to the City of Springfield ~~Fire Marshal~~ within five working days of receipt.
- e. The ~~fire marshal~~ City Fire Marshal shall investigate or cause to be investigated, each application to determine whether the display is of a character and so located, so as not to constitute an unreasonable hazard to any person or property and complies with all requirements for fireworks displays contained in the NFPA 1123 Code for Fireworks Display, 2018~~99~~ Edition.
- f. If, upon completion of the investigation, the City of Springfield ~~Fire Marshal~~ determines that all requirements of this article are satisfied, ~~City the chief of the Department~~ Fire Marshal or his designee shall approve and issue the display permit. ~~A copy of each permit shall be forwarded by the office of the city clerk to the chief of police not less than 48 hours before the display.~~
- g. In the event that the ~~chief of the Department~~ City Fire Marshal or his designee does not approve and issue the display permit, the applicant shall be informed by the chief of the department or his designee, in writing, of the reasons thereof.
- h. The possession and use of fireworks by the permittee shall be lawful only for the purpose of display contained in the permit.
- i. The permit granted hereunder shall not be transferable. Only the person named on the permit shall be authorized to possess and display fireworks.

§ 94.54. Exceptions

Nothing in this subchapter shall be construed to prohibit the use of fireworks by railroads or other transportation agencies for signal purposes or illumination, or the sale or use of blank cartridges for a show or theater, or for ceremonial purposes in athletics or sports, or for use by military forces of the State of Illinois, the United States, or authorized emergency service agencies such as rescue squad or fire and police departments of this or other municipalities.

§ 94.55. Parental Responsibility.

It shall be the responsibility of parents or legal guardians of unemancipated persons under the age of 18 years to assure that those persons comply with the restriction of this subchapter. No parent or legal guardian of those persons shall knowingly permit or assist in the violation of this subchapter by any unemancipated person under the age of 18 years.

§ 94.56. Hours of Display

Displays shall not be conducted before 10:00 a.m. or after 11:00 p.m., except where prior approval is granted through the permit process by the City of Springfield fire marshal for special programs.

§ 94.57. Indoor pyrotechnic display.

- a. The NFPA 1126, Pyrotechnic Use Before a Proximate Audience, 2016~~04~~ edition, as published by the National Fire Protection Association, Inc.; is hereby adopted and incorporated herein by reference pursuant to the authority of 65 ILCS 5/1-3-1 through 3/1-3-6 and pursuant to the powers granted to this city by the home rule provision of the Illinois Constitution of 1978 except as modified by the provisions which are hereby substituted or added.
- b. All indoor pyrotechnic displays shall be conducted in buildings protected by automatic sprinkler systems.

State law reference(s) - fireworks, 425 ILCS 35/2

ARTICLE VI. TRANSPORTATION AND STORAGE OF CERTAIN SUBSTANCES

§ 94.60. Storage of explosives and blasting agents.

The district limits referred to in Section ~~56013301~~ of the 20~~1806~~ International Fire Code and any future amendments thereto in which storage of explosives and blasting agents is prohibited, shall consist of all territory within the Jurisdiction as defined in Section 94.11 of this Code.

State law reference(s)-Power of city to regulate storage of combustible / explosive material, 65 ILCS 5/11-8-4.

§ 94.61. Dumpsters and waste containers.

Commercial dumpsters and containers with an individual capacity of 1.5 cubic yards or greater shall not be stored or placed within 5 feet of combustible walls, openings or combustible roof eave lines unless the area is protected by an approved automatic sprinkler system.

§ 94.62. Discharge of hazardous substances within the City of Springfield.

- a. No person shall cause, threaten or allow the release or discharge of hazardous materials.
- b. The Fire Chief of the City of Springfield or his authorized representative shall have authority to respond to any release or threatened release of hazardous materials within the Jurisdiction. This shall include and be pursuant to any lawful intergovernmental agreement of which the City of Springfield is a party, or at the request of the authority of another jurisdiction who requests the assistance of the City of Springfield. This authority includes, but is not limited to, containment and control of the release.
- c. The following persons shall be responsible for all costs of mitigation or containment operations incurred by the City of Springfield, as a result of a release or threatened release of a hazardous material.
 1. Any person who, at the time of release, disposal, transport, storage or treatment of a hazardous material, owned, operated, under contract agreement, or otherwise arranged with another party or entity the facility or vessel used for such disposal, transport, treatment or storage from which there was a release or substantial threat of a release of any such hazardous material.
 2. Any person who accepts any hazardous materials for transport to disposal, storage, or treatment facilities from which there is a release or a substantial threat of release of such hazardous substances.
- d. Any person responsible for the release or threatened release of a hazardous material who fails without sufficient cause to pay for or provide mitigation, containment, and/or removal operations upon or in accordance with a notice and request of the City of Springfield, or in accordance with any order of any court having jurisdiction on the matter, shall be liable to the City of Springfield for any costs incurred by the City of Springfield as a result of such failure to provide or take such mitigation, containment, and / or clean up operations, together with the cost of mitigation or containment operations taken by the City of Springfield in accordance with this Code.
- e. Charges for removal or remedial action when rendered by the City of Springfield or any other agency rendering mutual aid shall be as follows:
 1. The reasonable cost of each vehicle responding as determined by the responding agency, but in no case less than ~~Two One~~ Hundred Fifty Dollars (\$~~2~~450.00) per hour per vehicle, and;
 2. The cost of all personnel, including any overtime cost to the City of Springfield incurred as a result of the mitigation or containment operations, and;

3. The cost of all materials and equipment used, expended, depleted, destroyed or removed from service in accordance with Federal, State or local Ordinance, as a result of the mitigation or containment operations.

§ 94.63. Storage in utility rooms, attic areas and crawl spaces prohibited.

Boiler rooms, mechanical rooms, electrical equipment rooms, attic areas and crawl spaces shall not be used for the storage of combustible merchandise, material or equipment.

§ 94.64. Storage of flammable liquids in outside aboveground tanks.

The storage of flammable or combustible liquids in outside aboveground tanks shall be allowed on property when approved by the Fire Safety Division of the Department, and such storage shall comply with all applicable fire code and tank regulations. All applicable permits shall be applied for through the Office of the State Fire Marshal for Above Ground Storage Tanks and said permit shall be forwarded to the City Fire Marshal for approval.

§ 94.65. Protection of natural gas meters, and LPG installations.

When exposed to probable vehicular damage due to proximity to alleys, driveways, or parking areas, above ground gas meters, regulators, piping and tanks for LPG and natural gas installations shall be suitably protected as follows: as outlined in 2018 IFC Section 312

1. Posts or bollards shall be a minimum of 4 inch steel pipe filled with concrete or be of a material of equivalent strength.
2. Posts or bollards shall be a minimum of 36 inch in height.
3. Posts or bollards shall extend a minimum of 36 inches below grade and be set in a concrete footing.
4. Protection shall be provided on all sides of the object that is subject to vehicular damage.
5. Posts or bollards shall be a minimum of 36 inches away from gas meters and other essential equipment.

5-6. Posts shall be set not more than 4 feet on center between posts.

Any equivalent measure or deviation from this policy shall require approval from the Fire Safety Division.

94.66 Outside storage near egress doors

The outside storage of flammable and / or combustible liquids and / or solids shall not be allowed within ten (10) feet from the identified access / egress doors of any structure. Additional distances may be required based on the commodity and the requirements of the International Fire Code chapters 3, and Chapters 50-59.

ARTICLE VII. OPEN AIR FIRES

§ 94.70. Open air fire regulations.

- a. No person shall kindle or maintain any fire or authorize any fire to be kindled or maintained on or in any street, alley, road, land, or public grounds, or on any private lot. This Section shall not apply to the use of fire for preparing food on a barbecue grill or the use of an open fire on private property or other locations approved for cooking fires or recreational fires; provided such fire may only utilize clean, dry firewood or charcoal and be of such size so as not to endanger property in the immediate area. This shall be kept a distance away from combustibles and have a fire extinguisher or other method of extinguishment at the site. Open fires during high winds in excess of 20 miles per hour, or gust exceeding 20 mile per hour or during other times of high fire danger shall not be permitted.
- b. Leaf burning shall be prohibited within the corporate limits of the City of Springfield or upon property within its jurisdiction.

- c. Controlled burning of natural areas requiring burn management for ecological reasons limited to prairie grass restoration may be allowed with the approval of the Fire Code Official, provided that an open burning permit has been obtained from the Illinois Environmental Protection Agency, Division of Air Pollution Control. Open fires during high winds in excess of 20 miles per hour, or during other times of high fire danger shall not be permitted.
- d. Persons who transport, deposit, and / or allow to be burned, prohibited items on the property of another, whether with or without the consent of the owner of the property, will be in violation of this ordinance
- e. With the approval of the Fire Code Official, bonfires used for ceremonial purposes by churches, schools, and other organizations may be permitted within the guidelines of the 2018~~06~~ International Fire Code. A permit for bon fire shall be submitted to the City Fire Marshal for approval. A site plan shall be provided with the location of the bonfire. Open fires during high winds in excess of 20 miles per hour, or during other times of high fire danger shall not be permitted
- f. The open burning of any and all ~~items shall be prohibited~~ items apply to this section. This shall include, but not be limited to, the following prohibited items; trash, garbage, furniture, building demolition or construction debris, landscape waste ~~wood~~, dimensional lumber, ~~wood or plastic pallets~~, etc.
- g. With the approval of the Fire Code Official, appliances that are factory designed, and have a laboratory testing certification to utilize the burning of gaseous or liquid fuels, will be allowed when used according to manufacturers use and safety recommendations.
- h. With the approval of the Fire Code Official, appliances that are factory designed, and have a laboratory testing certification to utilize the burning of wood for heating purposes will be allowed providing the burning chamber is enclosed and used according to manufacturers use and safety recommendations. At no time will these units be used to burn any prohibited
- i. At no time will a person kindle or maintain any burning allowed in any section of this ordinance when a reported hazard to health or public safety is being aggravated due to the by - products created from the burning.

§ 94.71. Reserved.

§ 94.72. Report of an emergency situation.

In the event of the discovery of a fire, smoke, flammable, combustible, or toxic gas on any property, or any situation that may endanger life through needed fire suppression or rescue response, the owner or occupant shall immediately report that condition to the Department.

ARTICLE VIII. BASEMENT DWELLING UNITS

§ 94.80. Requirements for basement dwelling units in existence prior to 1989.

Basement dwelling units in existence prior to 1989 shall be allowed if they comply with one of the following requirements:

- 1. Existing basement dwelling units that have one approved means of egress and have windows in the sleeping room meeting the requirements of Section 10~~30~~²⁵ of the 2018~~06~~ International Fire Code and any future amendments thereto, and have one-hour rated construction between each dwelling unit both vertically and horizontally.
- 2. Existing basement dwelling units meeting all the requirements of subsection (1) except for the sill height requirement of not more than 44 inches from the floor, provided that a permanent platform is built under the bedroom window which platform:

- a. Is four inches greater in width on each side of the window opening;
 - b. Extends 18 inches from the wall;
3. Is constructed in accordance with the 20~~18~~¹⁸⁰⁶ International Building Code and any future amendments thereto; and
4. Has steps meeting the 20~~18~~¹⁸⁰⁶ International Building Code and any future amendments thereto, if the platform is over eight inches in height.

ARTICLE IX. PENALTY PROVISIONS

§ 94.999 Penalty for chapter violation.

Any person who violates any provision of this Chapter, for which another penalty is not already provided, shall be fined not less than \$100 nor more than \$ 1,000. Each day any violation of any provisions of this Chapter continues constitute a separate and punishable offense.