ARTICLE III. - ELECTRICITY

**DIVISION 1. - GENERALLY** 

Sec. 22-66. - Definitions.

The following words, terms and phrases, when used in this article, shall have the meanings ascribed to them in this section, except where the context clearly indicates a different meaning:

Electrical equipment means conductors and other equipment installed for the utilization of electricity for light, heat or power. It does not include radio apparatus or equipment for wireless reception of sounds and signals; and it does not include apparatus, conductors or other equipment installed for or by public utilities including common carriers, which are under the jurisdiction of the state commerce commission, for use in their operation as public utilities.

(Code 1982, § 153.02; Ord. No. 531G, § 1, 12-16-02; Ord. No. 309H, § 2, 9-6-16)

**Cross reference**— Definitions generally, § 1-2.

Sec. 22-67. - Standards and specifications adopted.

- (a) The 2014 National Electric Code International Code Electrical Series (NFPA 70) is hereby adopted by reference and made a part of this chapter, subject to the modifications set forth herein.
- (b) Building, electrical and fire inspectors shall apply these codes; and the most restrictive code shall be applied.

(Code 1982, § 153.35; Ord. No. 11G, § 2, 2-5-96; Ord. No. 26G, § 1, 4-15-96; Ord. No. 531G, § 1, 12-16-02; Ord. No. 309H, § 2, 9-6-16)

Sec. 22-68. - Reserved.

**Editor's note**— Ord. No. 309H, § 2, adopted September 6, 2016 repealed § 22-68. Former § 22-68 pertained the amendments to the National Electrical Code Electric and derived from the Code of 1982; Ord. No. 977F, adopted July 17, 1995; and Ord. No. 531G, adopted December 16, 2002.

Sec. 22-69. - Defective conditions.

Where installation of any wiring or electrical devices or material is found to be in a dangerous or unsafe condition the electrical inspector shall at once notify in writing the person owning, using, or operating the same, specifying wherein the same is dangerous or unsafe; and such person shall, within the time specified in such notice, make such repairs or changes as may be necessary to place such wiring, devices, and materials in a safe condition.

(Code 1982, § 153.37; Ord. No. 531G, § 1, 12-16-02; Ord. No. 309H, § 2, 9-6-16)

Sec. 22-70. - Reserved.

**Editor's note**— Ord. No. 309H, § 2, adopted September 6, 2016 repealed § 22-70. Former § 22-70 pertained the amendments to existing residences and derived from the Code of 1982; and Ord. No. 531G, adopted December 16, 2002.

Sec. 22-71. - Appeals.

When the electrical inspector condemns all or any part of any electrical installation, the owner or his agent may within five days, after receiving written notice of such condemnation and the reasons therefor, petition the electrical commission for a review of such finding by filing a petition with the chairman of the commission. Upon receipt of the petition, the electrical commission shall at once proceed to determine whether the installation complies with the ordinances of the city with respect thereto, and within three days shall make a decision in accordance with its findings. The owner occupant and all persons interested shall have opportunity to appear before the commission in support or in opposition to the petition, and submit evidence.

(Code 1982, § 153.97; Ord. No. 531G, § 1, 12-16-02; Ord. No. 309H, § 2, 9-6-16)

Sec. 22-72. - Liability.

This article shall not be construed to relieve from or lessen the responsibility or liability of any party owning, operating or controlling any electrical material, for damages to persons or property caused by any defect therein, nor shall the be held as assuming any such liability by reason of the inspection authorized herein.

(Code 1982, § 153.98; Ord. No. 531G, § 1, 12-16-02; Ord. No. 309H, § 2, 9-6-16)

Sec. 22-73. - Wiring only by registered electricians.

Only electricians registered in accordance with the provisions of this article shall be allowed to install electrical wiring or equipment or to make alterations or additions to present electrical installations or equipment. Nothing contained in this article shall prohibit the issuing of a permit to a property owner making his own installations or alterations. Wiring shall only be done on single-family residence to be occupied by the owner.

Property owners making their own installations or alterations shall, when securing permits, sign a notarized statement of ownership that also states that the owner will be personally making the installations or alterations. Property owners making their own installations must live in the residence for 12 consecutive months prior to securing a permit to another new home.

(Code 1982, § 153.30; Ord. No. 531G, § 1, 12-16-02; Ord. No. 309H, § 2, 9-6-16)

Sec. 22-74. - Penalty.

Whoever violates any provision of this article shall be subject to punishment as provided in section 1-9. A separate offense shall be deemed committed on each day that a violation occurs or continues.

(Code 1982, § 153.99; Ord. No. 531G, § 1, 12-16-02; Ord. No. 309H, § 2, 9-6-16)

Secs. 22-75—22-95. - Reserved.

DIVISION 2. - ADMINISTRATION[3]

Footnotes:

--- (3) ---

Cross reference— Administration, ch. 2.

Subdivision I. - In General

Sec. 22-96. - Inspector.

There is created the office of electrical inspector. The person chosen to fill the office of electrical inspector shall be a competent individual of good moral character, who shall be well versed in approved methods of electrical construction for safety to life and property, the statutes of the state relating to electrical work, the rules and regulations issued by the state fire marshal under authority statutes, the National Electrical Code/1993, and other installation and safety rules and standards approved by the American Engineering Standards Committee.

(Code 1982, § 153.03; Ord. No. 531G, § 1, 12-16-02)

Sec. 22-97. - Appointment.

The electrical inspector shall be appointed for one year by the mayor by and with the advice and consent of the city council. It shall be unlawful for the electrical inspector except in performance for his official duties hereunder to engage in the business of the installation, alteration, maintenance or sale of electrical wiring, electrical devices, or electrical material either directly or indirectly and he shall have no financial interest in any concern engaged in such business in this city at any time while holding the office of electrical inspector.

(Code 1982, § 153.04; Ord. No. 531G, § 1, 12-16-02)

Sec. 22-98. - Powers.

The electrical inspector shall have the right during reasonable hours to enter any building in the discharge of his official duties, or for the purpose of making any inspection or test of the installation or alteration of electrical equipment contain therein, and shall have the authority to cause the turning off of all electrical currents to cut or disconnect any wire where such electrical currents are dangerous to life or property or may interfere with the work of the fire department.

(Code 1982, § 153.05; Ord. No. 531G, § 1, 12-16-02)

Secs. 22-99—22-120. - Reserved.

Subdivision II. - Electrical Inspection Division

Sec. 22-121. - Establishment of division.

There is established an electrical inspection division of the building department of the city for the regulation of the installation, alteration and use of all electrical equipment, as herein provided. The electrical inspection division shall consist of the chief electrical inspector of the city and such other employees as may from time to time be provided by the director of buildings. The electrical inspection division shall be charged with the duty of enforcing the provisions of the rules and regulations regulating to the installation, alteration and use of electrical equipment, as provided for by ordinance, and shall function under the immediate supervision and control of the director of buildings.

(Code 1982, § 153.01; Ord. No. 531G, § 1, 12-16-02; Ord. No. 461G, § 2, 1-7-02)

Sec. 22-122. - Records.

The electrical inspection division shall keep complete records of all permits issued and inspections made and other official work performed under the provisions of this article.

(Code 1982, § 153.12; Ord. No. 531G, § 1, 12-16-02; Ord. No. 461G, § 3, 1-7-02)

Sec. 22-123. - Reports.

The electrical inspection division shall make a yearly report to the city council as of April 30 at the second regular council meeting in May of each year.

(Code 1982, § 153.13; Ord. No. 531G, § 1, 12-16-02; Ord. No. 461G, § 3, 1-7-02)

Secs. 22-124—22-145. - Reserved.

Subdivision III. - Electrical Commission

Sec. 22-146. - Commission established.

There is established an electrical commission which shall consist of six members, as follows: the electrical inspector shall be a member and ex officio chairman of such commission; of the other five members, one shall be a registered professional engineer, one an electrical contractor, one a journeyman electrician, one a representative of the inspection bureau maintained by the Fire Underwriters (or, if no such representative resides in the city, the chief of the fire department), and one a representative of an electrical supply company. Such members shall be appointed by the mayor by and with the advice and consent of the city council on a rotation term basis not longer than three years. The electrical inspector shall serve on the commission without additional compensation therefore. The commission shall hold regular meetings quarterly on the second Tuesday of the month at 7:00 p.m.

(Code 1982, § 153.06; Ord. No. 531G, § 1, 12-16-02)

Sec. 22-147. - Duties of electrical commission.

The electrical commission shall from time to time recommend safe and practical standards and specifications for the installation, alteration and use of electrical equipment designed to meet the necessities and conditions that prevail in the city, shall recommend reasonable rules and regulations governing the issuance of permits by the electrical department, and shall recommend reasonable fees to be paid for the inspection by such inspection department of all electrical equipment installed or altered within this city. Such standards and specifications, such rules and regulations, and such fees shall not become effective until adopted by ordinance by the city council. All such fees shall be paid to the city. The standards and specifications, rules and regulations, and fees hereinafter provided by this article shall govern until further recommendations in respect thereto shall have been made by the commission and adopted by ordinance.

(Code 1982, § 153.07; Ord. No. 531G, § 1, 12-16-02)

Secs. 22-148—22-170. - Reserved.

Sec. 22-171. - Certificate of inspection.

- (a) Required. On the completion of the installation or alteration of electrical equipment in any building, it shall be the duty of the person installing of altering the same to notify the electrical inspector, who shall inspect or cause the work to be inspected within 48 hours after such notice is given; and if such electrical equipment is found to be fully in compliance with this article and does not constitute a hazard to life or property, he shall issue to such person for the delivery to the owner a certificate of inspection, authorizing connection to the electrical service, and the turning on of the current. All wires hidden from view shall be inspected before concealment, and the electrical contractor or electrician or property owner specified in section 22-73 shall notify the electrical inspector, giving him at least two working days in which to make the required inspection before such wires are concealed.
- (b) Exception. Service switch and service entrance revisions only may be completed before inspection in order to facilitate coordination of the supply of electricity for persons doing the work in the interest of continuity of residents using electricity. Regulation for permits in section 22-196 are not affected by this exception.

(Code 1982, § 153.09; Ord. No. 977F, § 2, 7-17-95; Ord. No. 531G, § 1, 12-16-02)

Sec. 22-172. - Prima facie proper installation.

No certificate of inspection shall be issued unless the electrical equipment is in strict conformity with the provisions of the ordinances of this city and the statutes of the state. Compliance with the regulations is laid down from time to time in the National Electrical Code, as approved by the American National Standards Institute, unless in conflict with such ordinances or statutes, shall be prima facie evidence of proper installation or alteration.

(Code 1982, § 153.10; Ord. No. 531G, § 1, 12-16-02)

Sec. 22-173. - Subsequent inspections.

The provisions for the inspection of work authorized by the permits issued in accordance with division 3 of this article shall not be construed as prohibiting the inspection of any electrical equipment now or hereafter installed whenever the electrical inspector shall determine that the public safety requires it. No inspection fee shall be charged for such extra or additional inspection; but in case it becomes necessary to replace such electrical equipment on account of defects disclosed by such inspection, a permit therefore shall be obtained in accordance with the provisions of this chapter.

(Code 1982, § 153.11; Ord. No. 531G, § 1, 12-16-02)

Secs. 22-174—22-195. - Reserved.

**DIVISION 3. - PERMITS** 

Sec. 22-196. - Permits.

No electrical equipment shall be installed or altered except on a permit first issued by the electrical inspection division. The electrical inspection division shall first inspect all such electrical equipment installed or altered in this city, and shall require that it conform to all applicable statutes and ordinances relating to electricity.

(Code 1982, § 153.08; Ord. No. 531G, § 1, 12-16-02; Ord. No. 461G, § 3, 1-7-02)

Sec. 22-197. - Application for permit.

Prior to the beginning of electrical installation, application must be made to the building inspector for a permit. The building inspector may, in any case, require the application to be accompanied by drawings and specifications of the proposed installation and equipment to a reasonable detail. Every electrical contractor must show proof of registration and certificate of insurance.

(Code 1982, § 153.31; Ord. No. 531G, § 1, 12-16-02)

Sec. 22-198. - Fees.

The building inspector shall charge and collect from the person doing any electrical work under the terms of this chapter, the following fees:

- (1) Permit fees. For issuing a permit for any electrical installation in or on any building, see section 22-33(2)a.
- (2) Residential inspection fees.
  - a. New single-family house up to 1,000 square feet or less including garage ..... \$70.00
  - b. Each additional 500 square feet or less ..... 4.00
  - c. Existing single-family house:

Additions or remodeling up to 500 square feet or less ..... 20.00

Each additional 500 square feet or less ..... 3.00

d. In-ground pool fee ..... 30.00

Aboveground pool fee ..... 30.00

- e. New or existing single-family residence alarm system, smoke detector, cable system, satellite dish system fee ..... 20.00
- f. Residential incidental unit (not covered above):

Air conditioners, water heaters, ranges, dishwashers, disposals, furnaces, motors, heat cables, exhaust fans, clothes dryers, electric heat and light units, and all other similar equipment, each ..... 5.00

Minimum fee per permit ..... 25.00

g. New or existing single-family residence service fee up to 100 amps ..... 25.00

```
101 to 200 amps ..... 30.00
```

201 to 400 amps ..... 35.00

Above 400 amps, use commercial rate.

- h. Any temporary service ..... 15.00
- Second meter on single-family residence ..... 5.00
- Single-family residence meter reconnect inspection fee ..... 30.00
- (3) New multifamily residences or apartments.

First apartment ..... 40.00 a. Each additional apartment ..... 30.00 b. Inground pool fee ..... 30.00 C. d. Aboveground pool fee ..... 30.00 Alarm system, smoke detectors, cable systems, satellite dish, emergency light fee ..... e. 40.00 Garage and storage unit fee (per unit) ..... 15.00 f. New multifamily residences or apartments incidental unit (not covered above): Air conditioners, water heaters, ranges, dishwashers, disposals, furnaces, motors, heat cables, exhaust fans, clothes dryers, electric heat and light units, and all other similar equipment, each ..... 8.00 Minimum fee per permit ..... 24.00 New multifamily residences or apartments service fee: h. Per meter ..... 10.00 Service per amp. 100 amp ..... 35.00 200 amp ..... 40.00 201 to 400 amp ..... 55.00 401 to 800 amp ..... 60.00 801 to 1,200 amp ..... 75.00 Above 1,200 amp ..... 80.00 Existing multifamily residences or apartments, additional or remodel first apartment ..... i. 30.00 Each additional apartment ..... 20.00 j. Additions or remodel existing garage or store unit fee (per unit) ..... 10.00 Existing multifamily residence or apartments: (1) service revision fee per meter fee ..... 10.00 (2) Rewire first apartment ..... 20.00 Each additional apartment ..... 10.00 (3)Service fees by amperage: (4) 100 amp ..... 35.00 200 amp ..... 40.00

201 to 400 amp ..... 55.00

401 to 800 amp ..... 60.00

801 to 1,200 amp ..... 75.00

Above 1,200 amp 80	0.00
--------------------	------

m.	New or existing multifamily residences or apartment emergency inspection fee (example
	occupancy inspection, alarm, smoke detector, emergency light, fire inspection, service
	reconnection) 40.00

- (4) New or existing mobile home inspection fee.
  - a. Move to new location hookup fee ..... 30.00
  - b. Additions or remodeling up to 500 square feet or less ..... 30.00
  - c. Each additional 500 square feet or less ..... 30.00
  - d. New or existing garage and storage additions or remodel fee ..... 25.00
  - e. New or existing mobile home alarm system, smoke detectors, cable system, satellite dish system fee ..... 30.00
  - f. Mobile home incidental unit (not covered above):

Air conditioners, water heaters, ranges, dishwashers, disposals, furnaces, motors, heat cables, exhaust fans, clothes dryers, electrical heat and light units, and all other similar equipment, each ..... 10.00

Minimum fee per permit ..... 25.00

g. New or existing mobile home service fee, per meter ..... 10.00

Service per amp:

```
Up to 100 amp ..... 35.00
200 amp ..... 40.00
```

201 to 400 amp ..... 55.00

401 to 800 amp ..... 60.00

801 to 1,200 amp ..... 75.00

Above 1,200 amp ..... 80.00

- h. Meter reconnect inspection fee ..... 40.00
- i. Pool, aboveground or in-ground fee ..... 30.00
- (5) Commercial and industrial fees.
  - a. New construction, additions and accessory buildings, first 1,000 square feet ..... 65.00
  - b. Each additional 100 square feet or less ..... 6.00
  - c. Each furnace or boiler or air conditioning ..... 25.00
  - d. Control wiring and panel for each elevator ..... 25.00
  - e. Each sign ..... 25.00
  - f. Commercial and industrial service fees:

Per meter fee ..... 10.00

Service per amp:

100 amp ..... 35.00

200 amp ..... 40.00

201 to 400 amp ..... 55.00

401 to 800 amp ..... 60.00

801 to 1,200 amp ..... 75.00

Above 1,200 amp ..... 80.00

- g. Service reconnect inspection fee ..... 45.00
- h. New or existing additions or remodel, alarm system, smoke detectors, emergency lights, fire inspection, occupancy inspection fee

per unit ..... 5.00

Minimum fee ..... 50.00

- i. Commercial and industrial existing additions or remodel fee per estimated value.
- (6) Beginning work without permit. It shall be unlawful for any work to be started on a project before the permit is issued. If a permit is issued after work is started, an additional 100 percent of the required fees shall be added to the cost of the permit. Permits are valid for one year.
- (7) Miscellaneous fees. Special inspection fee for FHA, HUD, FMHA inspection ..... 75.00

FEE CHART PER ESTIMATED VALUE OF WORK:

\$25.00 per \$1,000.00 of estimated value:

\$ 1.00—\$1,000.00 ..... 25.00

1,001.00—2,000.00 ..... 50.00

2,001.00—3,000.00 ..... 75.00

3,001.00—4,000.00 ..... 100.00

4,001.00—5,000.00 ..... 125.00

5,001.00—6,000.00 ..... 150.00

6,001.00—7,000.00 ..... 175.00

7,001.00—8,000.00 ..... 200.00

8,001.00—9,000.00 ..... 225.00

9,001.00—10,000.00 ..... 250.00

\$15.00 per \$1,000.00 of estimated value:

\$10,001.00—\$11,000.00 ..... 265.00

11,001.00—12,000.00 ..... 280.00

12,001.00—13,000.00 ..... 295.00

13,001.00—14,000.00 ..... 310.00

```
14,001.00—15,000.00 ..... 325.00
```

## \$10.00 per \$1,000.00 of estimated value:

```
43,001.00—44,000.00 ..... 640.00
```

## \$8.00 per \$1,000.00 of estimated value:

72,001.00—73,000.00 884.00
73,001.00—74,000.00 892.00
74,001.00—75,000.00 900.00
75,001.00—76,000.00 908.00
76,001.00—77,000.00 916.00
77,001.00—78,000.00 924.00
78,001.00—79,000.00 932.00
79,001.00—80,000.00 940.00
80,001.00—81,000.00 948.00
81,001.00—82,000.00 956.00
82,001.00—83,000.00 964.00
83,001.00—84,000.00 972.00
84,001.00—85,000.00 980.00
85,001.00—86,000.00 988.00
86,001.00—87,000.00 996.00
87,001.00—88,000.00 1004.00
88,001.00—89,000.00 1012.00
89,001.00—90,000.00 1020.00
90,001.00—91,000.00 1028.00
91,001.00—92,000.00 1036.00
92,001.00—93,000.00 1044.00
93,001.00—94,000.00 1052.00
94,001.00—95,000.00 1060.00
95,001.00—96,000.00 1068.00
96,001.00—97,000.00 1076.00
97,001.00—98,000.00 1084.00
98,001.00—99,000.00 1092.00
99,001.00—100,000.00 1100.00

\$5.00 per \$1,000.00 of estimated value from \$100,001.00 and above.

(8) Penalty. Violation of this section for performing work without a proper permit or the requisite licenses shall be fined not less than \$50.00 but not more than the maximum as provided in

section 1-9 for each offense. A separate offense shall be deemed committed on each day that a violation occurs or continues.

(Code 1982, § 153.32; Ord. No. 948F, § 1, 3-6-95; Ord. No. 970G, § 4, 7-7-08)

Sec. 22-199. - Emergency wiring.

In an emergency when the exigencies of the situation demand immediate action, and the obtaining of a permit prior to the installing or alteration of any electrical installation or equipment is impossible, then and in that event any registered electrical contractor may start such installation or repair work without first obtaining such permit; however, the electrical contractor shall make application for and obtain such permit as soon as possible.

(Code 1982, § 153.33)

Sec. 22-200. - Temporary wiring.

Any electrical contractor applying for a permit for installation of temporary wiring shall specify the time such wiring is to remain in service and such permit shall become null and void at the expiration of such time. The electrical supply company furnishing current for such wiring shall be notified of the time of expiration of such permit and unless the same be renewed shall discontinue the furnishing of electric current to such wiring within five days after the time limited in such permit.

(Code 1982, § 153.34)

Secs. 22-201—22-220. - Reserved.

**DIVISION 4. - ELECTRICAL CONTRACTORS** 

Subdivision I. - In General

Secs. 22-221—22-240. - Reserved.

Subdivision II. - Registration[4]

Footnotes:

--- (4) ---

**State Law reference—** Authority to require registration, 65 ILCS 5/11-33-1.

Sec. 22-241. - Application for registration.

- (a) Any person desiring to engage in the business of electrical contractor in the city shall apply for registration to the electrical inspector and pay the fee of \$25.00 for registration. Electrical contractors must supply the electrical department with a certificate of insurance (original) made out to the city as holder. The application shall be on forms supplied by the building department and shall include evidence of the applicants training, education and/or competence as a professional electrician.
- (b) The applicants must also furnish the building department with a copy of their electrical contractor's license and if the applicant is from another county under reciprocation agreement with the city, the

- applicant must furnish a licensed electrician's card. Applicants registered with another municipality must furnish a copy of such registration.
- (c) The requirements of this section are waived for an individual providing a copy of an electricians' license or certificate issued by another Illinois jurisdiction.

(Code 1982, § 153.20; Ord. No. 309H, § 2, 9-6-16)

Sec. 22-242. - Reserved.

**Editor's note**— Ord. No. 309H, § 2, adopted September 6, 2016 repealed § 22-242. Former § 22-242 pertained the examination of electrical contractors and derived from the Code of 1982.

Sec. 22-243. - Certificate of registration.

The electrical inspector shall register the applicant as an electrical contractor and shall issue to such applicant a certificate of registration authorizing such applicant to engage in such business for a period from date of issuance of such certificate of registration to and including April 30 of the year in which such certificate is issued. However, such certificate of registration may be renewed from year to year without examination on application for such renewal being filed with the electrical inspector on or before May 1 of the year for which certificate has been issued. Such certificate of registration shall not be transferable and shall cover only such work as may be installed by the holder thereof. The electrical inspector shall keep a suitable record of such registrations. All persons obtaining new certificates of inspection hereunder between May 1 and April 30 of following year shall pay such fractional part of the annual registration fee now provided by ordinance as the number of full months in the calendar year remaining bears to the total number of months in the year, and such certificate shall expire on April 30 of the subsequent year of issuance as above provided. All renewal permits hereafter issued shall be issued for one year to begin on May 1 and expire on April 30 of the year following the year in which application for renewal must be made.

(Code 1982, § 153.22; Ord. No. 309H, § 2, 9-6-16)

Sec. 22-244. - Revocation of certificate of registration.

Certificates of registration may be revoked at any time by the electrical commission if the holder thereof violates any ordinance of the city to the installation of electrical wiring, material or equipment, or is responsible for any electrical installation that is a hazard to life and property. The revocation shall extend for a period of at least 30 days and thereafter the same may be set aside and the certificate of registration reinstated on application made for that purpose, to the electrical commission, at the discretion of the commission.

(Code 1982, § 153.23; Ord. No. 309H, § 2, 9-6-16)

Secs. 22-245—22-275. - Reserved.