

**CHAPTER 11.3. - ELECTRICAL CODE**

**DIVISION 1 - ELECTRICAL INSPECTOR**

SEC. 11.3.1-1 RESERVED

SEC. 11.3.1-2 POSITION OF ELECTRICAL INSPECTOR

- A. Establishment - There has heretofore been established and is hereby continued the Town of Normal employment position of Electrical Inspector.
- B. Supervision - The Electrical Inspector shall be hired by and shall be under the supervision of the Building Commissioner, as provided in the Town's Personnel Code.
- C. Assistants - The Electrical Inspector may be assisted by other employees in the Building Inspection Department, as may be authorized by the Town Council and assigned by the Building Commissioner or City Manager.

SEC. 11.3.1-3 QUALIFICATIONS - No person shall be hired as an Electrical Inspector who is not knowledgeable about electricity and the installation and alteration of electrical equipment and appurtenances and well versed in the rules, regulations, and requirements of the National Electrical Code.

SEC. 11.3.1-4 DUTIES - The Electrical Inspector shall have the following duties, functions and responsibilities:

- A. To interpret and apply this Chapter;
- B. To issue all electrical permits hereunder;
- C. To inspect or cause the inspection of all construction, installation, maintenance and alteration of electrical appliances, apparatus, systems of electrical wiring, systems of poles for the carriage of such electrical wiring, electric or illuminated signs or billboards and the electrical wiring of all buildings or structures to see that such work is in accordance with the provisions of this Chapter;
- D. To perform the duties, functions and responsibilities specified in the current Job Description of the Town of Normal employment position "Electrical Inspector", which Job Description is approved from time to time by the Town Council as part of the Town's Salary Administrative Program;

SEC. 11.3.1-5 RECORDS – All records and reports of the Electrical Inspector shall be open to the public during regular office hours, but shall not be removed from that office without the written consent of the Building Commissioner or his designee.

SEC. 11.3.1-6 RIGHT OF ENTRY – The Electrical Inspector, in the discharge of his official duties and upon proper identification, shall have the authority to enter any building, structure or premises at any reasonable hour.

**DIVISION 2 – APPEALS**

SEC. 11.3.2-1 APPEALS. All appeals of rulings or determinations of the Electrical Inspector shall be to the Building Board of Appeals.

(Amended 2/5/07 by Ord. No. 5116)

**DIVISION 3 – LICENSE, PERMITS, REGISTRATION, INSPECTIONS AND FEES**

SEC. 11.3.3-1 LICENSE OR REGISTRATION REQUIRED – Except as specifically otherwise provided in this Chapter, it shall be unlawful for any person, firm or corporation to do or perform any installation, alteration, maintenance or repair of or to any electrical conductor, equipment or other process, matter or material regulated by or within the scope of the National Electrical Code as adopted and modified thereby, without being appropriately licensed and/or registered under the provisions of this Chapter.

**SEC. 11.3.3-2 CLASSES OF ELECTRICAL LICENSE AND TYPE OF WORK AUTHORIZED** –

- A. General Electrical Contractor – A General Electrical Contractor license authorizes any person, firm or corporation to do any type of residential, commercial or industrial electrical wiring, including without limitation the installation or alteration of electrical equipment for utilization of electricity supplied for light, heat or power.
- B. Maintenance Electrical Contractor License – A Maintenance Electrical Contractor license authorizes an individual employed by a single employer to maintain and/or repair, but not install, electrical conductors or equipment owned or otherwise under the exclusive control of that employer.

(Section Amended 2/5/07 by Ord. No. 5116)

SEC. 11.3.3-3 LICENSING PROCEDURE - The procedure for obtaining any class of license shall be as follows:

- A. Application for any class of electrical license shall be received by the Electrical Inspector on forms which may be obtained from him. The application shall state on it the class of license applied for and shall include the name, address and place of business of the applicant.
- B. All applicants for electrical license shall be at least eighteen years of age and shall have had at least four years practical experience in the type of work authorized by the type of license sought, or shall have satisfactorily completed a course of study in the subject for which the license is sought, given by a recognized school, and have had at least one year of practical experience in addition thereto.
- C. Each applicant for a license under this Division must pass an examination prior to the issuance of such license. Candidates for the General Electrical Contractor License must pass the “Standard Master Electrician” examination administered by the International Code Council or its designated testing agent. Candidates for the Maintenance Electrical Contractor License must pass the “Standard Maintenance Electrician” examination administered by the International Code Council or its designated testing agent.
- D. Each applicant shall pay to the Town Treasurer the non-refundable sum of \$50.00. This sum shall be applied as a fee toward the first year’s license or portion thereof, if the applicant is successful in obtaining a license.

(Entire section amended 2/5/07 by Ord. No. 5116)

SEC. 11.3.3-4 RESERVED.

SEC. 11.3.3-5 RECIPROCITY AND REGISTRATION – Any person, firm or corporation who is registered or licensed for the current year in any city, village or town in the State of Illinois where the requirements of registration or licensing on the date of such registration or licensing were substantially equal to or greater than the requirements in force in the Town of Normal, and if such city, village or town extends a similar privilege to persons licensed under this Chapter, shall not be required to take the examination or pay the license fees as provided in this Chapter, in order to engage in the type of electrical work authorized by the individual's license, but prior to commencing any work, shall file a copy of his registration or license with the Electrical Inspector of the Town of Normal and pay an annual \$50.00 registration fee. (Amended 12/18/00 by Ord. No. 4696)

SEC. 11.3.3-6 NON-TRANSFERABILITY – No license issued under this Chapter or registration hereunder shall be loaned, rented, assigned or transferred.

SEC. 11.3.3-7 RENEWAL AND REINSTATEMENT – Any person, firm or corporation having received an Electrical License as provided for in this Chapter has the right, without further examination, to have that license renewed annually upon payment to the Town Treasurer of a license fee. (Amended 9/19/83)(Amended 11/21/11 by Ord. No. 5404)

The license fee for an annual renewal of a General Electrical Contractor shall be \$50.00 and for a Maintenance Electrical Contractor, shall be \$25.00. All licenses shall expire on the 31<sup>st</sup> day of December or each year. (Amended 7/21/80)(Amended 1/19/93 by Ord. 4104)(Amended 2/5/07 by Ord. No. 5116)

Any license forfeited for non-payment of a renewal fee may be reinstated upon the payment of the annual renewal fee without re-examination, provided, however, after the same has been delinquent for a period of one year, then the same shall be null and void and may not be renewed or reinstated.

SEC. 11.3.3-8 SUSPENSION OR REVOCATION OF RIGHTS AND PRIVILEGES – Any licensee or person registered in the Town of Normal under this Chapter may have his license or registration suspended or revoked by the Electrical Board for cause, after notice and an opportunity to be heard in his own defense. Cause for suspension or revocation of a license or registration shall include, but shall not be limited to:

- A. Refusal or failure to make any necessary corrections to electrical work within a reasonable time after notification of the defects therein;
- B. Failure to obtain electrical permits;
- C. Transfer of electrical permits;
- D. Failure to call for required inspections;

- E. Unwillingness or inability to install electrical work in accordance with the terms and provisions of this Chapter;
- F. Performing work not authorized by the class of license held;
- G. Violation of any provision of this Chapter.

(Amended 5/17/93 by Ord. No. 4138)

SEC. 11.3.3-9 PERMITS REQUIRED. Except as specifically otherwise provided in this Chapter, it shall be unlawful for any person, firm or corporation to do or perform any installation, alteration, maintenance or repair of any electrical conductors, equipment or other material regulated or within the scope of the National Electrical Code, as adopted and modified hereby, without first obtaining a permit in the manner provided by this Chapter.

SEC. 11.3.3-10 PERMITS – APPLICATION, ISSUANCE, TRANSFERABILITY AND EXPIRATION. Persons desiring an electrical permit shall make application therefore to the Electrical Inspector on forms prescribed by him. Before issuing any permit, the Electrical Inspector may require such detailed plans, specifications and drawings as are necessary to describe the work, materials and manner of installation, alteration or repair. The Electrical Inspector shall issue a permit when such plans show that said electrical work will be installed in compliance with the provisions of this Chapter. After a permit has been issued by the Electrical Inspector, no change or modification in the plans or specifications shall be made unless such change has been submitted to the Electrical Inspector and approved by him. No electrical permit shall be issued to any person other than someone appropriately licensed under this Chapter unless the permit is for a dwelling or accessory structure that the permittee occupies in his residence. (Amended 9/15/80)

If electrical work is not commenced under a permit within six months after the date of issuance, the permit shall be considered to have expired. Electrical permits shall not be transferable and if after issuance, another person, firm or corporation desires to complete the work initiated under a permit, it shall be necessary to obtain a new electrical permit authorizing such completion.

SEC. 11.3.3-11 FEES. The fees for electrical permits and inspection of work performed thereunder shall be as follows:

- A. Doing Work Without a Permit – If any person initiates construction, erection or alteration of electrical work in any structure without first taking out a permit, such person shall pay, in addition to the regular fees prescribed for permits, an additional amount equal to one hundred percent (100%) of the fee required, and upon conviction, may be subject to all penalty provisions of this Chapter. (Amended 1/19/93 by Ord. 4104)(Amended 11/21/2011 by Ord. No. 5404)

SEC. 11.3.3-12 INSPECTIONS –

- A. Inspection Required – It shall be unlawful for any person, firm or corporation to conceal electrical conductors or equipment, energize an electrical service or occupy or permit the occupancy of any building or structure having wiring, equipment or components within the scope of regulation provided by the National Electrical Code as adopted and modified hereby, without in each case and in each stage of installation, calling for an electrical inspection in the manner provided in this Chapter and obtaining approval thereof by the Electrical Inspector.

- B. Procedure – The Electrical Inspector shall be notified by the person performing the electrical work when it or any portion of it is ready for inspection, at least twenty-four (24) hours prior to the requested inspection time. All work shall be left uncovered and convenient for inspection until inspected and approved.

The Inspector shall endeavor to examine the work within one working day after being notified that it is ready for inspection. All electrical work when placed in position may be required to be tested by appropriate tests in the presence of the Inspector and any and all defects corrected. Upon satisfactory completion of the electrical work and approval by the Inspector, the premises, installation or portion thereof obtaining approval shall be so posted.

- C. Inspection Upon Complaint – Upon complaint, in writing, of any citizen of this Town as to the unsafe condition of any part of any such electrical system within the Town, it shall be the duty of said Electrical Inspector to inspect such part complained of, and if he finds that such complaint is well grounded, or if he otherwise finds any defect, to require the owner of the property on which the defective condition is located to put such part in proper condition, and it shall then be the duty of such person, firm or corporation to put such defective part in proper condition.

- D. Condemnation of Electrical Work or Equipment – The Town Electrical Inspector shall have the authority upon inspection or reinspection to condemn any or all electrical work installed or being installed that may be considered unsafe or hazardous to life and property. Upon condemnation of such work, he shall serve a written notice upon the person owning, using or installing the same to place the work in a secure and safe condition and in compliance with the provisions herein contained.

Upon condemnation of any electrical work, the Electrical Inspector is authorized to refuse the connection or to order the disconnection of any electrical supply lines until the condemned electrical work has been made safe and is approved by the Electrical Inspector. Such order shall be in writing, signed by the Electrical Inspector and served upon both utilities furnishing services in the Town and upon the owner.

It shall be unlawful for any person, firm or corporation to utilize condemned electrical work or to reconnect an electrical supply to any condemned electrical work from which the Electrical Inspector has refused to authorize a connection or ordered a disconnection of electrical supply lines.

SEC. 11.3.3-13 EXCEPTIONS.

- A. From the License Requirements of SEC. 11.3.3-1 – The owner-occupant of a one-family dwelling may, with the assistance of any member of his family, personally carry on in such a house any work governed by this Division without a license, provided that such owner shall obtain a permit for any such work and shall call for inspections as provided in this Chapter. Such owner-occupancy shall be retained for at least one year from the date of final inspection and approval of such work.

- B. From the Permit Requirements of SEC. 11.3.3-8 – Persons, firms, or corporations holding Maintenance Electrical Licenses may maintain or repair conductors or equipment of their employer without a permit, provided that such licensee call for inspections as provided in this Chapter.
- C. From the License, Permit and Inspection Requirements – The license requirements of SEC. 11.3.3-1 and the permit provisions of SEC. 11.3.3-8 do not apply to:
1. Public service agencies installing, altering or repairing electrical equipment for the operation of communication and signals. This exemption applies only to equipment and conductors owned by the serving agency which are exterior to any premises or dwelling unit; (Amended 12/5/05 by Ord. No. 5043)
  2. Power companies performing the installation, alteration or repair of electrical equipment of power or public service companies for use in the generation, transmission, distribution or metering of electricity, and other such maintenance or construction as may be required to insure the safe and adequate transmission of electricity to the premises being served by said company;
  3. Temporary testing systems – The installation of any temporary system required for the testing or service of electrical equipment or apparatus. Such system must be approved by the Electrical Inspector as being safe for the location on which or in which it is to be used;
  4. Railway utilities – Installing equipment used by a railroad utility in the exercise of its function as a public carrier and located outdoors or in buildings used exclusively for that purpose;
  5. Transmitting equipment – The installation, alteration, modification or use of electrical equipment for radio and television transmission, except the equipment and wiring for power supply therefore.



## DIVISION 4

SEC. 11.3.4-1 SCOPE OF DIVISION. The provisions of this Division shall control the design, installation and alteration of all electrical materials, wiring, conductors and equipment within the Town of Normal. All such installation shall conform to the provisions of this Chapter and the National Electrical Code as adopted and modified hereby. It shall be unlawful for any person, firm or corporation to design, install or alter any electrical wiring, conductor or equipment in any way other than that authorized by this Chapter and the National Electrical Code as adopted and modified hereby.

### SEC 11.3.4-2 ADOPTION OF THE NATIONAL ELECTRICAL CODE, 2011 WITH AMENDMENTS.

- A. Incorporated by Reference. There is hereby adopted by the Town of Normal for the purpose of establishing rules and regulations for the utilization of materials, construction, installation and alteration of all electrical work placed in or utilized in connection with any building or structure within the Town of Normal, a certain electrical code known as the National Electrical Code of the National Fire Protection Association, particularly the 2011 Edition thereof, with specific additions, deletions, insertions, modifications and amendments (which said Code as so amended is in this Chapter referred to as the National Electrical Code), not less than one copy of which with the specific additions, deletions, insertions, modifications and amendments has been and now filed in the office of the Town Clerk of the Town of Normal. The provisions of said Code are hereby adopted and incorporated as fully as if set out at length and the provisions thereof as added, deleted, inserted, modified and amended by Paragraph 8 of this Section, shall be controlling in regard to all buildings and structures within the corporate limits of the Town. (Amended by Ord. No. 4774, 2/18/02)(Amended 12/5/05 by Ord. No. 5043)(Amended 11/21/2011 by Ord. No. 5404)
- B. Additions, Deletions, Insertions, Modifications and Amendments to the National Electrical Code, NFPA 70.2008
1. Article 230-91. Location of Overcurrent Protection. The service overcurrent device shall be connected by no more than 8 feet of raceway or service entrance cable from the meter device, in dwellings.
  2. Article 240-54: Type "S" fuses and fuse holders for plug fuses are mandatory, unless circuit breaker type panels are installed.
  3. The use of #10 or smaller aluminum or copper-clad aluminum building wire shall be prohibited.
  4. Type AC or MC cable are fabricated assemblies of insulated conductors in a flexible metallic enclosure, and shall have an enclosed ground conductor equal in size to the current carrying conductors, and shall be used in concealed applications only.

5. Ceiling mounted lighting outlet boxes more than 3 feet from any wall shall be listed as paddle fan rated and be secured according to the listing directions, dwelling garages and basements are excluded.

(Entire Division 4 Amended 5/3/93 by Ord. No. 4134)(Entire Division 4 Amended 6/3/96 by Ord. No. 4393)(Entire Division 4 Amended 12/21/98 by Ord. No. 4568, effective 2/1/99)(Entire Division 4 Amended 2/18/02 by Ord. No. 4774)(Amended 9/15/03 by Ord. No. 4890)(Amended 12/5/05 by Ord. No. 5043)(Entire Division 4 Amended 2/18/08 by Ord. No. 5176)

**DIVISION 5 – RESERVED****DIVISION 6 – ADMINISTRATION**

**SEC. 11.3.6-1 CONSTRUCTION OF CHAPTER** – Nothing in this Chapter shall be construed to exempt any person, firm or corporation from liability now existing or that in the future may arise, to the Town of Normal or any person for damage from negligence or from defective construction relating to maintaining or installing electrical materials and fixtures within the corporate limits of the Town of Normal or on Town property outside the corporate limits of the Town, nor to release any person, firm or corporation from any restriction under ordinance granting them their respective franchises nor shall the Town be held to assume any liability by reason of the inspection authorized herein or certificate or permit being issued pursuant to the provisions of this Chapter, or from a failure of the Inspector to perform his full duties hereunder.

**SEC. 11.3.6-2 CONFLICT OF PROVISIONS OF CODE OF THE TOWN: EFFECT OF PARTIAL INVALIDITY** – In any case where a provision of this Chapter is found to be in conflict with any zoning, building, fire safety or health provision of the Code of the Town existing on the effective date of this Chapter, or which may hereafter be adopted, the provision which establishes the higher standard for the promotion and protection of the health and safety of the people shall prevail. In any case where any other of the Code provisions of the Town establish a lower standard for the promotion and protection of the health and safety of the people, the provisions of this Chapter shall be deemed to prevail.

**SEC. 11.3.6-3 SEVERABILITY**. It is hereby declared to be the intention of the Town Council of the Town of Normal, Illinois, that the several provisions of this Code are severable in accordance with the following:

- A. If any Court of competent jurisdiction shall adjudge any provisions of this Code to be invalid, such judgment shall not affect any other provision of this Code not specifically included in said judgment order.
- B. If any Court of competent jurisdiction shall adjudge invalid the application of any provision of this Code to a particular property, building or structure, such judgment shall not affect the application of said provision to any other property, building or structure, not specifically included in said judgment order.

**SEC. 11.3.6-4 PENALTIES** – Any person found guilty of violating, disobeying, omitting, neglecting, or refusing to comply with, or resisting or opposing the investigation or enforcement of any of the provisions of this Chapter, or any of the Codes adopted and modified hereby, upon conviction thereof shall be punished by a fine of not less than Twenty-Five (\$25.00) Dollars nor more than Two Hundred (\$200.00) Dollars for the first offense and not less than Fifty (\$50.00) Dollars nor more than Five Hundred (\$500.00) Dollars for the second and each subsequent offense in any 180 day period; provided, however, that all actions seeking the imposition of fines only shall be filed as quasi-criminal actions, subject to the provisions of the Illinois Code of Civil Procedure (735 ILCS 5/1 et seq.). A separate and distinct offense shall be regarded as committed each day upon which said person shall continue any such violation, or permit any such violation to exist after notification or knowledge of the existence thereof. (Amended 6/7/93 by Ord. No. 4143)(Amended 6/3/02 by Ord. No. 4797)