

except sheds with no electrical service and which are generally not occupied by persons.

83. Section 704.6.1 - Where Required. Delete this Section.

84. Section 704.4.1.1- Group R-1. Delete this Section.

85. Section 704.6.1.2 - Group R-2, R-3, R-4 and I-1. Delete the words “Group R-2, R-3, R-4 and I-1” and substitute therefor the words “all buildings” and add the following at the end of this Section: “4. Hard-wired smoke alarms or smoke detectors may not be replaced with battery operated smoke detectors or smoke alarms.”

86. Section 704.3 - Fire extinguishers. Add as follows:  
Fire extinguishers shall be maintained in operating condition and shall be visible with ready access thereto. Fire extinguishers shall display a certificate of inspection a licensed Illinois Fire Equipment Distributor bearing a date no more than one year old.

87. Add Section 704.4 - System Certification as follows:

Every fire alarm, smoke alarm, smoke detector, fire detector and fire suppression system shall be tested in the manner and frequency prescribed in the Fire Code. Every fire suppression system and every fire alarm system, smoke alarm, smoke detector and smoke detector system which is not able to be easily tested by the Code Official must be tested by a licensed Illinois Fire Equipment Distributor or a licensed Illinois Private Alarm Contractor as set forth in the Fire Code, but in no event less than on an annual basis. Any building owner or owner’s agent, shall produce a copy of the fire alarm, smoke alarm and fire suppression system certificate with a date not more than one year old upon demand by the Code Official.

88. Section 705.1 - Carbon Monoxide Detectors. Add as follows:

Every dwelling unit shall be equipped with at least one approved carbon monoxide alarm in an operating condition within 15 feet of every room used for sleeping purposes.

89. Add Section 706 - Hazardous Materials as follows:

Combustible, flammable, explosive or other hazardous materials such as paints, volatile oils, and cleaning fluids or combustible trash such as wastepaper, boxes and rags shall not be accumulated or stored unless such storage complies with applicable requirements of the Fire Code.

I. Adoption of the National Electrical Code, 2020 with Amendments. 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 2020 Edition thereof, with specific additions, deletions, insertions, modifications and amendments as set forth in this Chapter and referred to as the National Electrical Code. 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 this Chapter shall be controlling in regard to all buildings and structures within the corporate limits of the Town. Amendments to the National Electrical Code, The National Electrical Code, 2020, is amended as follows: (Amended 12/18/17 by Ord. No. 5723)

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. Add at the end- of the National Electrical Code- Section 1A - Local Administration.

Section 1A.1 - Application. Nothing in this Local Administration Portion is intended to modify the obligations of persons performing electrical work in the Town of Normal as required by the National Electrical Code. Rather, this Section is intended to provide the means of obtaining compliance with the National Electrical Code.

Section 1A.2 - Position of Electrical Inspector.

- a. Establishment - There has heretofore been created and is hereby continued the Town of Normal employment position of Electrical Inspector (occasionally referred to in this Chapter as "Inspector").
- b. Supervision - The Electrical Inspector shall be hired by the City Manager, shall be under the supervision of the Building Commissioner and shall be subject to the provisions of the Town's Personnel Code.

- c. Qualifications – The Electrical Inspector shall be 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 to perform the duties of the Electrical Inspector.
- d. Duties - The Electrical Inspector shall have the following duties, functions and responsibilities:
  - (1) To interpret and apply this Chapter;
  - (2) To issue all electrical permits hereunder;
  - (3) 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;
  - (4) 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 Salary Administration Program.

Section 1A.3 - License 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. EXCEPTIONS:

- a. 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. 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.

- c. 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.
- d. 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;
- e. 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;
- f. 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.

Section 1A.4 - 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 1A.5 - 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 “National 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 “National Standard Maintenance Electrician” examination administered by the International Code Council or its designated testing agent. (Amended 12/18/17 by Ord. No. 5723)
- 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.

Section 1A.6 - 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.

Section 1A.7 - Non-Transferability. No license issued under this Chapter or registration hereunder shall be loaned, rented, assigned or transferred.

Section 1A.8 - 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. 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. 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.

Section 1A.9 - 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 Building Board of Appeals 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.

Section 1A.10 - 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. EXCEPTIONS:

- a. 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.
- b. 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.

- c. 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.
- d. 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.
- e. 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.
- f. 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.

Section 1A.11 – Permits: Application, Issuance, Transfer-Ability 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 as his residence.

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.

Section 1A.12 - Fees. The fees for electrical permits and inspection of work performed thereunder shall be as follows:

- a. Fees as set forth in Chapter 25 of the Municipal Code of the Town of

Normal, shall be paid.

- b. **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.

Section 1A.13 - 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.

#### Section 1A.14 - Violations, Penalties and Appeals.

- a. Violations. In case of a violation of any provision of this Code, the Electrical Inspector may cause to be instituted the appropriate proceeding at law or in equity or with the Town's Administrative Hearing Unit to obtain penalties or to restrain, correct or abate such violation, or to require the removal or termination of an unlawful occupancy of the structure. The Town may take action to abate any violation, and any costs incurred in abating such violations may be charged against the real estate upon which such abatement occurs and shall be a lien upon such property.
- b. 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. 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.

- c. Appeals. All appeals of rulings or determinations of the Electrical Inspector shall be to the Building Board of Appeals. However, no appeal shall be taken after the Town has initiated legal or administrative proceedings seeking fines for violation of this Code or compliance with this Code.

J. Adoption of the Illinois State Plumbing Code, 2014 with Amendments. There is hereby adopted by the Town of Normal for the purpose of establishing rules and regulations for materials, construction, alteration and inspection of all plumbing placed in or in connection with any building or structure, a certain plumbing code known as the Illinois State Plumbing Code, particularly the 2014 Edition thereof, with such amendments to said Code as are published from time to time by the State of Illinois with specific additions, deletions, insertions, modifications and amendments as set forth in this Chapter and referred to as the "Illinois State Plumbing Code" or "Code." 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 this Chapter shall be controlling in regard to all buildings and structures within the corporate limits of the Town. Amendments to the Illinois State Plumbing Code, The Illinois State Plumbing Code, 2014, is amended as follows:

1. Section 890.120 – Definitions. Add to the existing definitions in its appropriate alphabetical location, the following:

Authorities Having Jurisdiction. Within its corporate limits, the Town of Normal shall be the "Authorities Having Jurisdiction" as that term is used in this Code.

2. Section 890.120 – Definitions. Add to the existing language thereof, the following:  
"Building Classification" as used in this Code shall refer to the building classifications set forth in the Building Code of the Town of Normal, being Chapter 11 of the Municipal Code of the Town of Normal, Illinois 1969, as amended.

3. Section 890.510 - Grease Interceptor Requirements. Amend Section 890.510 by adding to the existing language thereof the following:

In all new construction and remodeling in which a grease interceptor is required, only a grease interceptor with a capacity of no less than 1000 gallons placed outside of the building no closer than 5 feet from the wall of the building shall be approved. If physical limitations prohibit installation of a 1000 gallon grease interceptor, then the Plumbing Inspector may permit a 250 gallon interceptor if the Plumbing Inspector believes that there are