

CHAPTER 14

ELECTRICAL

14.01 PURPOSE.

The purpose of this code is to provide minimum regulations, provisions and requirements in the Village of Allouez to insure safety to persons and property, safe design, good workmanlike methods of construction in any building constructed, enlarged, altered, repaired, moved or demolished, to regulate the equipment maintenance, condition, use, occupancy and safety of all buildings in the Village of Allouez, and to promote the public health, safety and general welfare.

14.02 SCOPE.

This electrical code shall apply to new structures and to alterations and additions to existing structures within the Village of Allouez.

14.03 STATE CODE ADOPTED.

A. Adopted.

The provisions of the State Electrical Code in Chapter Comm 16, Electrical, Volume 2, of the Wisconsin Administrative Code, and as the same may be amended from time to time, are hereby adopted and made a part hereof the same as if they were set forth in full herein.

B. Conflict.

In the event that any provisions of this Code is less restrictive than the State Electrical Code and/or is in conflict therewith, the provisions of the State Electrical Code shall prevail.

14.04 VILLAGE ELECTRICAL INSPECTOR.

A. Qualifications.

There is hereby created an office of Electrical Inspector. The person chosen to fill the office of Electrical Inspector shall be skilled in the inspection of electrical construction and systems, and shall be certified

B. Duties.

It shall be the duty of the Electrical Inspector to enforce the provisions of this chapter.

C. Right of Entry.

The Electrical Inspector and his assistants shall have the right during reasonable hours to enter any public or private buildings, premises, or subway in the discharge of his official duties or for the purpose of making any inspection or test of the electrical

wires or appliances contained therein. He shall be given prompt access to any premises upon notification to the proper authority.

D. Permits and Records.

The Electrical Inspector or authorized agent shall take applications and issue electrical permits to qualified applicants. Complete records of all permits issued and inspections made and other official work performed under the provisions of this chapter shall be kept so arranged as to afford prompt information concerning electrical installations.

E. Authority to Discontinue Electrical Operations.

The Electrical Inspector shall have the authority to cause the turning off of all electrical currents to any equipment which he finds to be in an unsafe condition, and to turn off or discontinue electrical service in case of emergency, or where such electrical currents are dangerous to life or property, or which may interfere with the work of the Fire Department. No person shall reconnect any equipment thus turned off until written permission is given by the electrical Inspector.

14.05 INSPECTIONS.

A. Electrical Alterations.

The Electrical Inspector shall make thorough examinations of all the electrical wires and appliances installed within the Village of Allouez and when such wires or appliances are found to be in a dangerous or unsafe condition he shall notify the person owning, using, operating or installing the same to place them in a safe condition. Any person failing or refusing to make the necessary repairs or changes, and to have such completed within 15 days after the receipt of such notice, shall be subject to the penalties provided for violation of this code. The Electrical Inspector is empowered with the authority to order the discontinuance of electrical service to such defective wires or equipment until they have been repaired, removed, or changed as directed by the Electrical Inspector, subject to the limitations of this chapter.

B. New Buildings.

Upon the completion of the wiring of any building and before any wiring is to be hidden from view, it shall be the duty of the person doing the same to notify the Electrical Inspector, and he shall inspect the installation within 48 hours of the time such notice is received. If, upon inspection, it is found that such installation is fully in compliance with this chapter and does not constitute a hazard to life or property, he shall approve the same and authorize concealment of such wiring or connection for electrical service. If the installation is incomplete or not in accordance with this chapter, he shall issue orders to the person installing the same to remove all hazards and make the necessary changes or additions within 10 days. Concealment of electric work before inspection or failure to comply with the order of the

Electrical Inspector shall constitute a misdemeanor punishable in accordance with the provisions of this code.

C. Certificate of Inspection.

Current shall not be turned on any electrical installation until a certificate of inspection has been issued by the Electrical Inspector. However, in occupied buildings where a permit for lighting fixtures has been issued, the Electrical Inspector may authorize the installation of meters for electric service after the wiring has been inspected and approved.

14.06 DEFINITIONS.

Terms used in this chapter mean as follows:

Electrical work. The installation, superintending, or inspection of electrical wiring and equipment for the production, modification, utilization, or safeguarding of electrical energy as covered by the Wisconsin State Electrical Code, the provisions of which so far as applicable, are adopted by reference thereto together with amendments hereafter validly made.

Master electrician. The work of a master electrician consists of the planning or superintending and the installing, altering, or repairing of electric wiring and equipment, as covered by the Wisconsin State Electrical Code.

Terms not specifically defined herein have the meanings specified in Comm 5.003 of the Wisconsin Administrative Code.

14.07 LICENSE.

A. Master Electrician.

No person shall perform electrical work unless at all times a licensed master electrician is regularly, fully, and continuously employed to supervise the work.

B. Issuance.

Master Electrician licenses shall be issued by the Village subject to the provisions of this chapter. Such licenses shall not be assignable or transferable.

Applications for a license shall be made to the Electrical Inspector on forms furnished by him/her, and before such license shall be issued the application therefor shall be approved by the Village Electrical Inspector in conformance with the provisions of this ordinance.

C. Working Without License.

(1) Employees of electrical, telephone, and telegraph utilities or railway companies may perform the planning or superintending and installation, operations, and maintenance of

equipment and materials required for the operation of the business of such employers without a license. When any such employee performs such work on property or premises of other persons, except when installing and testing transformers, meters and other equipment ordinarily furnished by and remaining the property of the utility or railroad, he shall be licensed under this chapter.

(2) This chapter shall not apply in any form to the operating engineers and their assistants in charge of power generation plants, prime movers and all auxiliary equipment under their jurisdiction.

(3) A home owner may do maintenance wiring only in his own home. It shall be unlawful for a home owner to remove, replace, alter, or install the electrical service equipment, including the electrical service panel in his home.

D. License Fees.

The initial fees and renewal fees for a master electrician license are set forth in Section 8.04 A. Licenses shall be renewed every three years from the date of issuance of the license and every three years thereafter. The fees for such licenses shall be paid to the Village Clerk-Treasurer.

E. Revocation of Licenses.

Any license granted under the provisions of this chapter may be revoked by the Electrical Inspector if the licensee violated any ordinance or laws relating to electrical work or is guilty of installing electrical construction which is a hazard to life or property. When a license is revoked, a new license shall not again be granted to the same licensee for a period of 30 days or until the licensee shall have corrected the faulty construction in accordance with the provisions of this chapter and shall have made application and paid the fees as required for the original license. The Village Electrical Inspector shall have discretionary power to withhold the granting of a new license for cause for a period not to exceed 6 months.

14.08 EXAMINATION.

Applicants for a Master Electrician's license shall show evidence of having passed the state certification examination requirement for the license applied for.

14.09 PERMITS.

A. Required.

The Electrical Inspector shall issue permits for all electrical installations upon the filing of proper application which shall be made on forms furnished by the Electrical Inspector, and shall prescribe the nature of the work as well as such other information as may be required for inspection. In no case shall any electri-

cal work be started unless a permit has been obtained unless the work is exempt under this chapter.
No permit is required for repairs made necessary for the proper maintenance of an existing installation.

B. Temporary Work.

On applying for a permit for temporary work, a specified period of time for which such wiring is to remain in service must be stated. Service shall be disconnected at the end of this period and shall not again be connected without written permission from the Electrical Inspector.

C. Permit Fees.

No permit shall be issued for electrical construction, repairs, remodeling, or alteration unless the fees required by Section 8.05 B are paid in advance thereof.

14.10 LIABILITY OF OWNER AND VILLAGE.

This chapter does not relieve or lessen the responsibility or liability of any person owning, operating, controlling, or installing any electrical equipment, for damages to anyone injured or any property destroyed by any defect therein, nor shall the Village be held as assuming any such liability for or by property destroyed by any defect therein, nor shall the Village be held as assuming any such liability by reason of the inspection authorized, or certificate of inspection issued as provided in this chapter.

14.11 CONSTRUCTION REQUIREMENTS.

A. General.

No certificate of inspection shall be issued unless the electrical installation and all other electric apparatus connected with it are in conformity with the provisions of this chapter, and the rules and regulations of the Wisconsin State Electrical Code.

B. Approved Material and Fittings.

All material and appliances used or designed to be used in connection with the utilization of electricity for light, heat or power shall be listed and approved by the State of Wisconsin.

C. Unsafe Equipment.

No person shall keep or offer for sale or sell within the Village of Allouez any equipment or fixtures designed or intended to be used for the production, transmission or utilization of electrical current or power if said apparatus, equipment or fixtures, when installed for use, would be in violation of any of the provisions of this chapter or would be unsafe or dangerous.

D. Conduit System Required.

Electrical wires for light, heat, or power shall be installed in a conduit system under the following conditions and locations:

- (1) When exposed in all buildings, except in residences containing four families or less, or other small buildings that do not require more than one circuit.
- (2) In common use areas of residential occupancies containing more than four families, such areas to include storage rooms, laundry areas, mechanical equipment rooms, and service wiring to electrical panels, sub-panels, and breakers. In residential occupancies of more than four families which are constructed on grade with no basement and where service conductors are run in exterior walls, such wiring shall be done in compliance with the rules established by the Wisconsin Electrical Code.
- (3) In all commercial buildings and industrial buildings.
- (4) In residences connected to a commercial building or to an industrial building unless separately metered and wired at the time of construction.

E. Flood Plain Requirements.

A means shall be provided for disconnecting all ungrounded conductors above the foundation of a flood plain building or structure, and may be located inside or outside of said building or structure.