

ELECTRICAL CODE

CHAPTER 17

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17.01 CONSTRUCTION REQUIREMENTS.

- (1) All electrical wiring and equipment for the production, modification, regulation, control, distribution, utilization, or safeguarding of electrical energy for mechanical, chemical, heating, lighting or similar purposes, shall be so installed and maintained as to be safe to life and property.
- (2) Such construction shall further comply with the Wisconsin State Electrical Code. In matters not covered by the State code, the National Electrical Code, as approved by the American Engineering Standards Committee and the National Electrical Safety Code as approved by the American Engineering Standards Committee shall apply.
- (3) The Service Entrance Conductors of one-family homes and apartments shall be no less than 3 wire, No. 2, A.W.G. and the rating of the service equipment shall be no less than 100 amperes.
- (4) Construction requirements as herein provided for shall be prima facie evidence of safe construction methods.

17.02 PERMITS.

- (1) No alterations or additions shall be made to the existing electrical wiring and equipment of any building, nor shall any new electrical wiring or equipment be installed in any building without first notifying the General Inspector and securing the permit provided for herein, except minor repair work such as repairing flush and snap switches, replacing fuses, changing lamp sockets and receptacles, taping bare joints and repairing drop cords.
- (2) PERMIT FEES. See Section 15.06 of the Municipal Code.

17.03 RIGHT OF ACCESS. The General Inspector may, during reasonable hours enter any public or private buildings in the discharge of his official duties and shall have the authority to cause the turning off of all electrical currents and cut or disconnect in cases of emergency, any wire where such electrical currents are dangerous to life or property or may interfere with the *work of the Fire Department. The General Inspector shall not engage in the business of electrical wiring and shall have no financial interest in any concern engaged in such business in the City. The General Inspector may be removed from the office for failure to carry out his duties or for any dishonest practices or for other just cause.

17.04 INSPECTION REQUIRED.

- (1) **PRIOR TO CONCEALING WIRES.** No electric wires shall be covered up or concealed in any manner whatsoever, before the General Inspector has been notified and given 48 hours in which to make the inspection required hereby. Nor shall any electric wiring be so concealed, if the General Inspector upon inspection finds they are installed in violation of Sec. 17.01, until the necessary corrections have been made and approved by the General Inspector.

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(2) **CONNECTION TO ELECTRICAL SERVICE.** No electrical wiring or equipment shall be connected to the electrical service or the current turned on unless the General Inspector has been notified of the completion of the installation and given 48 hours in which to make the inspection required hereby. Nor shall any electric wiring or equipment be connected to the electrical service if the General Inspector upon inspection finds it to be installed in violation of Sec. 17.01.

17.05 TEMPORARY SERVICE. The General Inspector in his discretion may issue permits for temporary service where power and light are needed to complete the erection of a building.

17.06 CERTIFICATE OF INSPECTION. When final inspection has been made and provided the electrical wiring and equipment has been found to be fully in compliance with Sec. 17.01, the General Inspector shall issue a certificate of inspection, authorizing the connection to the electric service and turning on the current.

17.07 MASTER ELECTRICIAN REQUIRED. No person shall install electrical wiring and equipment for the purposes listed in Sec. 17.02 in the City, unless all such work is done under the direction and supervision of a master electrician, who has been licensed as provided for herein.

17.08 SPECIAL LICENSE. No person as a part of the duties of his employment shall do any electrical wiring or electrical installation within the meaning of this chapter unless such employee (or his employer) shall first obtain from the licensing authority, a special license to perform such work. The special license prescribed herein shall be issued to qualified persons or employees upon proper application and the fee therefor shall be in accordance with the Municipal Fee Schedule. Such license shall permit its holder to do the electrical work which is required of him as part of his employment upon the premises of his employer and the scope there shall not extend beyond the limits of said premises.

17.09 EXAMINATION FOR LICENSE.

- (1) Any person desiring to be licensed as a master electrician, shall make application to the General Inspector, accompanying such application with a fee of \$10.00. Thereupon the Board of Examiners of Electricians shall examine such applicant, at such time and place in the City, as it shall designate but not later than 10 days thereafter, to determine applicant's qualifications and fitness as a master electrician. The examination shall be practical and elementary in character but sufficiently strict to test the competency of the applicant.
- (2) When and after the applicant has passed said examination satisfactorily, the General Inspector shall issue a master electrician's license to such applicant authorizing him to install, direct and supervise the installation of electrical wiring and equipment as required by sec. 17.01.
- (3) Failure to pass the examination shall not entitle the applicant to the return of the fee aforementioned; but the applicant shall be entitled to a second examination 6 months thereafter without payment of another fee.

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17.10 BOARD OF EXAMINERS OF ELECTRICIANS. The Board of Examiners of Electricians shall consist of the Mayor, by and with the advice and consent of the Council and whose term of office shall be for one year, and the General Inspector. The member so appointed from the Council shall be chairman of said Board.

17.11 LICENSES.

- (1) RENEWAL. A master electrician's license may be renewed within 30 days of the expiration thereof upon the payment of the annual renewal fee of \$5.00. Such renewal shall expire on the first day of January of the year following such date of renewal.
- (2) EXPIRATION. If a license is permitted to expire, the former holder thereof shall have the same status as a person not previously licensed.

17.12 REVOCATION OF LICENSE.

- (1) The Board of Examiners of Electricians may suspend or revoke any master electrician's license issued pursuant hereto upon proof that such license was obtained by fraud or misrepresentation or through error, or that the holder thereof is grossly incompetent or has been guilty of any dishonest practice or practices in connection with his work as a master electrician or for flagrant or repeated violations of this chapter and laws relating to electrical work; provided, that before any license is revoked the holder thereof shall be given written notice enumerating the charges and specifying a date not less than 10 days after the service of such notice on which the holder shall be given a hearing by the Board of Examiners of Electricians and an opportunity to present testimony in his behalf. Appeal from the findings of the Board of Examiners may be made within 10 days to the Common Council, whose findings shall be final.
- (2) A license may be suspended or revoked for a period not exceeding one year in the discretion of the Board of Examiners of Electricians.
- (3) Any person whose license has been suspended or revoked may, after the expiration of the term of suspension or revocation, apply for a new license in the manner provided for a master electrician's license, sec. 17.10.
- (4) Any suspension or revocation hereunder shall be subject to review under Ch. 24 of this Municipal Code.

17.13 ARBITRATION. When the General Inspector condemns all or part of the electrical work of any building the owner may within 5 days after receiving written notice from the General Inspector file a petition in writing for a review of said action of the General Inspector to the chairman of the Board of Examiners, upon receipt of which said Board shall at once proceed to determine whether said electrical construction complies with this chapter, and within 3 days shall make a decision in accordance with its findings.

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17.14 LIABILITY OF OWNER OF ELECTRICAL WIRING AND EQUIPMENT. This chapter shall not be construed to relieve from or lessen the responsibility or liability of any party owning, operating, controlling or installing any electrical equipment for damages to anyone injured or any property destroyed by any defect therein, nor shall the City be held as assuming any such liability by reason of the inspection authorized herein, or certificate of inspection issued as herein provided.

17.15 APPROPRIATION. All moneys received by each and every person for or on behalf of the General Inspector hereunder and any forfeitures collected under sec. 17.16 shall be paid within one month after receipt into the City treasury to pay the expense of inspection service which is provided for in this chapter.

17.16 PENALTY. Any person who shall violate any provision of this chapter or any order, rule, or regulation made hereunder shall be subject to a penalty as provided in sec. 20.04 of this Code.