

**CHAPTER 16**  
**Electrical Code**  
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## **16.01.000 ELECTRICAL INSPECTOR.**

**16.01.010 Appointment.** The Electrical Inspector shall be appointed by the Mayor, subject to confirmation of the Common Council. Until such time as a full-time Electrical Inspector is appointed, the Common Council may designate some other officer or employee of the City to act in such capacity, in addition to his other duties, or the Common Council may employ a part-time electrician possessing the necessary experience and qualifications.

**16.01.020 Qualifications.** The Electrical Inspector shall be a competent electrician, shall have had at least 6 years experience as a journeyman in the practice of his trade or 4 years training in a recognized college of electrical engineering, shall be well-versed in approved methods of electrical construction for safety to life and property, the statutes of the State of Wisconsin relating to electrical work, the rules and regulations issued by the Industrial Commission of Wisconsin, the National Electrical Code of the National Fire Protection Association, and shall be of good moral character.

### **16.01.030 Powers and Duties.**

- A. The Electrical Inspector shall issue all permits pertaining to electrical work and see that all electrical light, power and heating installations and all other electrical apparatus connected with the same, are in strict conformity with provisions of this chapter, the statutes of the State of Wisconsin, the rules and regulations issued by the Industrial Commission of Wisconsin, and also are in conformity with the latest and most approved methods of construction for safety of life and property. The regulations as laid down in the National Electrical Code of the N.F.P.A. shall be prima facie evidence of such latest and most approved methods. He shall see that all of the above mentioned rules, regulations, statutes of the State of Wisconsin and ordinances of the City of Port Washington are enforced.
- B. The Electrical Inspector shall make a thorough examination upon request or complaint or upon the change of use of commercial or industrial zoned property, of all electrical wires and appliances installed within the City 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 have such work completed within 15 days, or any longer period which may be deemed reasonable by the Electrical Inspector, after the receipt of such notice, shall be subject to the penalties hereinafter imposed, and the Electrical Inspector may order the discontinuance of electrical service to such defective wires or appliances until they have been repaired, removed or changed as directed by the Electrical Inspector, subject to the limitations of this chapter.

- C. The Electrical Inspector may, during reasonable hours, enter any public or private building in the discharge of his official duties, or for the purpose of making any inspection or test of the electrical wires and appliances contained therein, and may turn off 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.

**16.01.040 Records and Reports.** The Electrical Inspector shall keep adequate and complete records of all permits issued and inspections made and other official work performed under the provisions of this chapter and shall make a complete annual report to the Common Council covering all of his activities.

## **16.02.000 LICENSES.**

**16.02.010 Contractors Required to Have Licenses.** No person, either individually, as a member of a firm or as an officer or employee of a corporation shall conduct the business of electrical wiring construction or contracting unless such persons shall have a license as required by this chapter and no electrical work, except minor repair work, shall be done by a person not have such a license. Exceptions are:

1. The Electrical Inspector may, however, issue a permit to any person desiring to personally install electrical wiring in his own private, single residence, if the person desiring the permit can prove he is competent to do such work in conformity with all the rules and regulations governing the installation of electrical wiring in residences and such person shall pay the same permit fee as is required of contractors under Section 16.05.000.
2. This section shall not apply to servicing by the manufacturer of electrical appliances or special equipment installed by him.

**16.02.020 License.** There shall be a license issued appertaining to electrical work in the City of Port Washington. A license shall be issued to a person desiring to enter into electrical wiring and construction with 10 business days of submittal of all of the following:

1. Evidence that the contractor or at least one full-time employee of the contractor is a Certified Master Electrician.
2. Payment of the license fee.

**16.02.040 Application.** Any person desiring such license shall make application to the Board of Examiners not less than 10 days prior to the month in which an examination is to be held.

**16.02.050 Qualification Required of Applicants.**

1. Any person making application for a license must meet the requirements as set forth in Wisconsin Administrative Code, Comm. Chapter 17 and any amendments thereto.
2. Existing list of licensed persons as of the date of adoption of this ordinance shall remain in effect as long as such licensed person continues to meet the qualifications in place before the adoption of this ordinance.

**16.02.060 License Fees.**

The fee for a new applicant for a license shall be forth (\$40.00) dollars. Renewal fee for each succeeding year shall be twenty-five (\$25.00) dollars.

**16.02.070 Issuance.** The Board of Examiners shall, upon being satisfied as to the competency of the applicant and upon payment by the applicant to the City Treasurer of the license fee as above stipulated, and after approval by the Common Council, issue to such applicant a license authorizing him to conduct business of electrical wiring and construction or work as a maintenance electrician in a public building or industrial plant.

**16.02.080 Use of License.** No holder of a license shall allow the use of his license, directly or indirectly, for the purpose of obtaining local permits for others except that a person with a license may lawfully obtain permits for firms or corporations who are actively engaged in the electrical contracting business with a recognized business location if such person is an officer of such corporation or an employee of such business.

**16.02.090 Work in Progress.** If the only employee of an electrical firm, association or corporation holding a license shall leave such employment, work in progress for which a permit has been issued may be completed if the other requirements of this chapter are complied with.

**16.02.100 Renewal.** Every license shall expire on June 30 following the date of its issue and may be renewed upon payment to the City Treasurer of the renewal fee pertaining to that class of license, not later than June 30 in the year in which the license expires. Should any person fail to renew his license, he will be required to make application for and take the examination for, a new license in the same manner as a new applicant, before he will be issued a new license. Temporary licenses shall not be issued.

**16.02.110 Revocation.** Any license may be revoked by the Board of Examiners should the license violate any ordinance or law relating to electric wiring. Any person whose license shall have been revoked, shall not again be license within a period of one year from the date of such action.

No license shall be revoked except by a majority vote of the Board of Examiners at a regular or special meeting, and no license shall be revoked unless the license has been notified in writing of the charges against him at least 10 days before such meeting. The licensee shall have the right to appear before the Board of Examiners to answer the charges and present testimony in his defense.

**16.03.000 BOARD OF EXAMINERS OF ELECTRICIANS.** The Board of Examiners shall consist of the Electrical Inspector, who shall be chairman of the Board, a Class A licensed electrician, a journeyman electrician having had at least 6 years of experience as a journeyman electrician in the City and who holds no class of electrician's license, a representative of the local electrical utility and the City Engineer, appointed for one year.

**16.04.010 PERMITS.**

**16.04.010 When Required.**

- A. Before any electrical wires or electrical apparatus shall be installed for lighting or power purposes, or any electrical construction work done, except minor repair work, a permit therefore shall be obtained from the Electrical Inspector by a licensed electrician.

Repair work shall mean the replacement of broken or defective sockets, snap, push or toggle switches, loose receptacles and portable electrical appliances.

A permit shall be required for the installation of any electrical outlet for use on any circuit other than a low voltage circuit. Permits shall be required for outlets, commercial electrical refrigerators, oil burners, gas burners and other electrical apparatus of a similar nature.

- B. Electrically illuminated Signs. Permits for electrically illuminated signs will be granted only to Class A licensed electricians.
- C. Emergency Work. In cases of emergency, work may be started before the permit has been issued, provided the Electrical Inspector is notified the same day such work is started..

**16.04.020 Application.** The application shall describe the proposed installation or work and give the location of the premises where the same is to be placed. No permit shall be issued unless satisfactory proof is furnished to the Electrical Inspector upon his request, that the applicant has been employed to perform the work or installation and will be responsible for the performance thereof in the manner required by ordinances and law, or unless proof be submitted that the applicant has paid to the Electrical Inspector the fees therein required.

**16.05.000 PERMIT FEES.**

<b>Minimum Permit Fee</b>	<b>\$20.00</b>
<b>Outlets</b>	<b>\$ 0.55</b>
<b>Fixtures: Medium Base</b>	<b>\$ 0.55</b>
<b>Lamps: Tubular</b>	<b>\$ 0.40/tube</b>
<b>Neon Lights: per transformer</b>	<b>\$ 3.00</b>
<b>Motors</b>	<b>\$ 6.00 ea.</b>
<b>Range</b>	<b>\$ 6.00</b>
<b>Water Heater</b>	<b>\$ 6.00</b>
<b>Clothes Dryer (or outlet)</b>	<b>\$ 6.00</b>
<b>Garbage Disposal</b>	<b>\$ 6.00</b>
<b>Dishwasher</b>	<b>\$ 6.00</b>
<b>Hot tubs, whirlpools, spas, etc.</b>	<b>\$ 6.00</b>
<b>Generators, transformers, reactors, Rectifiers, or similar devices</b>	<b>\$ 1.00/kw</b>
<b>Feeder or Subfeeder</b>	<b>\$ 6.00</b>
<b>Services:     Temporary</b>	<b>\$20.00</b>
<b>0 to 100a</b>	<b>\$20.00</b>
<b>101 to 200a</b>	<b>\$20.00</b>
<b>201 to 400a</b>	<b>\$20.00</b>
<b>401 to 600a</b>	<b>\$20.00</b>
<b>601 and above</b>	<b>\$20.00</b>
<b>(Plus \$1.00 for every 100 amps over 600 amps.)</b>	
<b>Heating Unit and Motors</b>	<b>\$ 6.00</b>
<b>Fans, exhaust and vent</b>	<b>\$ 3.00</b>
<b>Built-Ins</b>	<b>\$ 6.00</b>
<b>Electric Heating</b>	<b>\$ 1.00/kw</b>
<b>Refrigeration units, air conditioner, air cooling units</b>	<b>\$15.00/unit</b>
<b>Fuel dispensing pumps</b>	<b>\$15.00/unit</b>
<b>Power Receptacle</b>	<b>\$ 6.00</b>
<b>Wire ways, busways, under-floor raceways</b>	<b>\$ 0.50/ft</b>
<b>Signs (internally lighted only)</b>	<b>\$20.00</b>
<b>Swimming Pools:    Indoor</b>	<b>\$25.00</b>
<b>Inground</b>	<b>\$25.00</b>
<b>Above Ground</b>	<b>\$25.00</b>
<b>Sump Pumps</b>	<b>\$ 2.50</b>
<b>Low Voltage Systems (intercoms, bells, etc.)</b>	<b>\$ 1.00</b>
<b>REINSPECTION FEE</b>	<b>\$25.00</b>

## **16.06.000 INSPECTIONS.**

**16.06.010 Wire Connections.** No person shall connect up the electrical wiring and equipment of any building, to any electrical supply lines or turn on the current, unless a Certificate of Inspection has been issued by the Electrical Inspector. The electrical utility supplying electrical service to any building shall secure a copy of the Certificate of Inspection from the Electrical Inspector before supplying service to such building.

**16.06.020 Completion of Construction.** Upon the completion of the construction and installation of the electrical wiring and equipment of any building, the person doing the same shall notify the Electrical Inspector, who shall inspect the installation within 24 hours of the time such notice is given, and if the installation is found to be in compliance with the provisions of this chapter, he shall issue a Certificate of Inspection authorizing connection to the electrical service and the turning on of the current. If the Electrical Inspector, at the time of the inspection, finds any fault with the electrical wiring or equipment, he shall, within 24 hours, notify the person of such fault.

**16.06.030 Concealed Wires.** All wires which are to be concealed, shall be inspected before concealment and no other craft shall cover up or conceal such wires unless the installation has been inspected and approved by the Electrical Inspector.

**16.06.040 Notifications.** All notifications for inspection must be made at the office of the Electrical Inspector not later than 5:00 p.m. of the day before the inspection is desired.

**16.06.050 Certificate of Inspection.** No Certificate of Inspection shall be issued by the Electrical Inspector unless the electrical wiring and equipment for the light, power, heat or other similar purposes is safe both with respect to life and fire hazard and it is in the strict conformity with the ordinances of the City and the statutes of the State of Wisconsin and the orders of the State Industrial Commission.

**16.07.000 ARBITRATION.** Where the Electrical Inspector refuses to issue a Certificate of Inspection in the electrical work of any building, or condemns the same, the owner may within 5 days after receiving the written notice from the Electrical Inspector, file notice in writing with the Electrical Inspector for arbitration and the owner shall within 2 days thereafter select a licensed electrician who, with the Electrical Inspector, shall select a third party who shall be a journeyman electrician and the 3 shall constitute a Board of Arbitration to determine whether such electrical work is defective and unsafe and their decision shall be final and conclusive. Said board shall furnish the Electrical Inspector and the owner with a copy in detail of their findings.

**16.08.000 CODES ADOPTED.** The Wisconsin State Electrical Code, as amended, and the National Electrical Code, as amended, are by reference made a part of this chapter.

**16.09.000 LIABILITY OF CITY.** This chapter shall not relieve or lessen the responsibility or liability of any part 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 assuring any such liability by reason of the inspection authorized herein or Certificate of Inspection issued herein provided.

**16.10.000 PENALTY.** Any person who shall violate any provision of this chapter shall be subject to a penalty as provided in Section 25.04 of this Code.