

CHAPTER 31

ELECTRICAL CODE

31.01 TITLE

This chapter shall be known as the electrical code of the Town of Lisbon

31.02 PURPOSE

(a) The purpose of the electrical code is to safeguard person and property by establishing certain minimum regulations, standards, provisions and requirements for the safe and stable design, methods of construction, and use of materials, affected by any installation, repair, or maintenance of electrical wiring, fixtures, equipment and devices of any kind used in connection with the use or maintenance of such electrical systems. It is further provided for licensing of persons, firms and corporations undertaking electrical work, and fixing a penalty for violation thereof.

(b) In addition to the regulations, standards and procedures herein set forth, all electrical work performed on equipment or appliances utilized or installed within the Town of Lisbon shall comply with the provisions of the Wisconsin Electrical Code and the orders of the State Department of Industry, Labor and Human Relations for the State of Wisconsin; provided however, that in the event of conflict or ambiguity concerning any of the foregoing the stricter provisions shall govern.

(c) The electrical license and permit regulations of this code shall not apply to the following:

(1) The installation, alteration, or repair of electrical generation, transmission, or distribution equipment, but not utilization equipment, owned and operated by an electrical public utility company.

(2) The installation, alteration, or repair of signal or communication equipment where such equipment is owned and operated by a public utility company or the town.

(3) Any work in ships, railway cars, trackless trolleys, buses, aircraft, or automobiles.

(4) Any work in connection with electrical equipment used for radio and television transmission, but not including supply wires to such equipment.

(5) Any work involved in the manufacturing or testing of electrical equipment or apparatus, but not including any permanent wiring or equipment.

(6) Any work associated with:

(A) The repair of plug-connected electrical appliances or device.

(B) Permanently connected electrical appliances or devices which have been electrically and mechanically disconnected and separated from all sources of electrical supply by an electrical licensee.

(C) The opening switches or the blowing or removal of fuses shall not be considered as electrical or mechanical disconnection or separation.

(7) The installation or replacement of approved fuses which are not oversize for the circuit involved.

(8) The installation or replacement of approved pin type lamps, screw base lamps, or plug-connected portable appliances which do not overload the circuit involved and are not located in hazardous locations.

31.03 ELECTRICAL INSPECTOR

(a) Created

There is hereby created the office of Electrical Inspector of the Town of Lisbon, who shall perform such duties as are specified in the electrical code and have general management and control of all matters pertaining to the electrical inspection and enforcement of the electrical code.

(b) Appointment

The Electrical Inspector shall be appointed by the Town Chairman and approved by the Town Board for a term of 2 years or until his successor shall be duly appointed and qualified. Terms shall expire on May 1 of odd numbered years.

(c) Fees

The Electrical Inspector shall receive as his compensation the fees provided by in this chapter. All supplies necessary for his office shall be furnished by the town.

(d) Deputy

In case of the absence or the inability of the Electrical Inspector to act, the Town Board may appoint a Deputy Electrical Inspector who shall have the same powers as the Electrical Inspector.

(e) Qualifications

The person chosen to fill the office of Electrical Inspector shall have the following qualifications:

(1) He shall be of good moral character.

(2) He shall be versed in approved methods of electrical construction for safety of life and property, the Statutes of the State of Wisconsin relating to electrical work, the rules and regulations issued by the Department of Industry, Labor and Human Relations of Wisconsin, under authority of the statutes, the national electric safety code of the United States Bureau of Standards, and the National Electrical Code of the American Insurance Association.

(3) He shall have had at least 5 years' experience as a journey man electrician.

(f) Records

There shall be kept in the office of the Electrical Inspector a complete record of all applications and permits regularly numbered in the order of their issue. There shall also be kept in the office of the Electrical Inspector a record of all inspections made and

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other official work performed under the provisions of the electrical code and so arranged as to afford prompt information concerning electrical installations.

(g) Duties

(1) The electrical Inspector shall visit and inspect all buildings and premises and make a thorough examination of all the electrical wiring, equipment and devices installed, and when found to be in a dangerous or unsafe condition, he shall notify the person owning, using, operating or installing same to place them in a safe condition, he shall notify the person owning, using, operating or installing same to place them in a safe condition. Such necessary repairs or changes shall be completed according to the provisions of this code. The Electrical Inspector is hereby authorized to order the discontinuance of electrical service to such defective electrical system until it shall have been repaired, removed, or altered as directed, to comply with the electrical code, by the Electrical Inspector. Failure to obey any such order shall subject the person to the penalties provided for violation of this code.

(2) The Electrical Inspector is not required to furnish engineering or technical service in any form other than that of inspection.

(h) Authority to Turn Off Currents

The Electrical Inspector shall have the authority to cause the immediate turning off of all electrical current to any equipment which he finds, in the exercise of sound judgment, to be in condition creating imminent danger to person or property, and to cut or discontinue electrical service in cases of emergency where he finds, in the exercise of his sound judgment, that such electrical installations are creating imminent danger to person or property, or where such installations may interfere with the work of the Fire Department.

No person shall reconnect any equipment thus cut off until written permission is given by the Electrical Inspector.

(i) Right of Entry

The Electrical Inspector shall have the right at any reasonable time to enter any building or premises except occupied dwellings in the discharge of his official duties and for that purpose shall be given prompt access upon notification to the proper authority. He shall have the right to order discontinuance of electric service to premises where he is denied access or entry. No person shall interfere with or refuse to permit access to any such premises by the Electrical Inspector.

31.04 LIABILITY OF TOWN

The electrical code shall not be construed to relieve from or lessen the responsibility or liability of any person supplying electricity to, or selling, renting, leasing, owning, using, operating, controlling, installing, altering, repairing, removing, replacing, disturbing, connecting, disconnecting or maintaining, any electrical equipment, for damages to person or property caused by any defect therein or therefrom, nor shall the town be held as assuming any responsibility or liability by reason of the issuance or revocation of any license, permit or certificate, or the inspection or reinspection authorized by the electrical code, or by reason of the approval or disapproval of any electrical equipment, sales, rentals, drawing, plans, specifications, materials, samples, test reports, literature, information or schedules, authorized in this code. Nor shall the town be held liable for any damages resulting from the enforcement of the electrical code.

31.05 DEFINITIONS

Terms used in this chapter mean as follows:

Electrical system:

All wires, equipment or devices installed for the purpose of conducting or safeguarding electrical current at all voltages.

Electrical work:

Any act in connection with the installing, altering or maintaining of electrical systems, which act ordinarily requires the use of tools.

Wiring

All conductors and all other devices incident to the means for safely conducting electrical current.

Approved:

Listed by, or bearing the label of approval of the Underwriters' Laboratories, Incorporated; or other qualified approving laboratory or agency.

31.06 LICENSE FOR ELECTRICIANS

(a) No person shall install, alter, repair, remove, connect, disconnect any electrical wiring or perform any electrical work for any purpose whatsoever in the Town of Lisbon without first having procured a license therefore as herein provided; except any person who is performing such work as a bona fide employee of and for the holder of the license.

Initial fee for such license shall be \$40 and shall be for one year. For each yearly renewal of such license, a fee of \$30 shall be paid. All such licenses shall be issued for one year commencing on May 1and

expiring on April 30 of each year following their issuance, unless sooner revoked. All licenses issued during the year shall expire on April 30 next and the full fee shall be paid for such licenses as herein provided. If any license shall not be renewed on or before May 1 of any year, such license shall be considered as having lapse and the renewal fee therefore shall be \$30. Neither the Electrical Inspector or the examining committee shall be under any obligation to notify the licensee regarding the termination date of the license held.

Application for a license shall be made to the Electrical Inspector on form furnished by him.

Any person who holds a current license from any municipality within the State of Wisconsin, shall not be required to obtain approval from the examining committee to be issued a license in the Town of Lisbon. Such license may be issued by the Electrical Inspector to such person upon satisfactory evidence being submitted to the Electrical Inspector by such applicant that he does hold a current license from another municipality within the State of Wisconsin. Such applicant shall pay a fee such license, and any renewal thereof, as provided in this chapter.

Any person desiring a license who does not hold a current license from another municipality within the State of Wisconsin, shall make application therefore to the Electrical Inspector on forms furnished by him, and before such license shall be issued the application therefore shall be approved by the examining committee appointed by the Town Board. All such applicants shall have at least 5 years practical experience in electrical work, except that if any applicant has attended an accredited electrical school, he shall have full credit given him toward the 5 year practical experience requirement for each full year he has attended such accredited electrical school to a maximum of 3 years. In any event, regardless of the number of years that an applicant has attended an accredited electrical school, he must have had at least 3 years practical experience. All applications for licenses which the Electrical Inspector to the Town Board, who shall promptly provide for the appointment of an examining committee to determine the fitness of a respective applicant for a license. Any person successfully passing the examination of the examining committee to determine the fitness of a respective applicant for a license. Any person successfully passing the examination of the examining committee shall be issued a certificate to that effect and he may thereafter be granted a license upon payment of the proper fee.

Any applicant for a new or renewal license in the Town of Lisbon must supply the Electrical Inspector with a copy of a certificate of insurance from an insurance company licensed in the State of Wisconsin, proving general liability and property damage coverage for any work done by them in the Town of Lisbon.

(b) Restricted Licenses.

Any contractor installing well pumps or mound systems in the Town of Lisbon shall be required to obtain a restricted electrical license. The annual fee for this license will be \$20. It will be issued by the Electrical Inspector. A copy of the well drillers or the mound installers Wisconsin License will be required to be furnished with the application for the restricted license. The license will allow the licensee to complete all electrical work outside the dwelling unit pertaining to the well or mound installation. Permit fees from Section 31.08 will apply.

31.07 REVOCATION OF LICENSE

(a) The Town Board may suspend or revoke any electrical license issued pursuant hereto upon proof that such license was obtained by fraud or misrepresentation or through gross error, or that the holder thereof is incompetent or has been guilty of any dishonest practice or practices in connection with his work as a licensee. Before any license is suspended or revoked, the holder shall be given a 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 before the Town Board. He shall have the right to present any testimony by himself and others. He may be represented by agent or attorney before the Town Board, and it shall be the duty of the Town Attorney upon request to represent the Town Board at any such hearing. The findings of the town

Board shall be final, except that any license holder who feels aggrieved therewith, shall have the right to further prosecute his case before any court of competent jurisdiction.

(b) A license may be suspended for a period not exceeding one year. Whenever a license has been so suspended, the former holder thereof shall have the same status as a person not previously licensed.

31.08 ELECTRICAL PERMITS

(a) Permits Required.

The Electrical Inspector shall issue permits for execution of electrical installation for light, heat or power upon the filing of proper application which shall be made on blanks furnished by the Electrical Inspector prescribing the nature of the work and such other information as may be required for inspection, and no work shall be done until a permit has been obtained.

(b) Permit Fees.

The following inspection charges shall be made for inspection of all electrical equipment and installations:

- (1) Outlets for fixtures, lamps, switches, receptacles and similar devices, 40 cents each.
- (2) Fixtures, medium base socket, 40 cents each.
- (3) Fixtures, mogul base socket, \$2 each.
- (4) Ranges, including outlet and 50 amp. Power outlet and receptacles, \$5 each.
- (5) Garbage disposal, \$4 each.
- (6) Dishwasher, \$4 each.
- (7) Miscellaneous heating device, \$3/cir.
- (8) Water heater or dryer, \$5 each.
- (9) Automatic control heating and cooling devices, \$5 each.
- (10) Generators, rectifiers and transformers, 50 cents per K.W.
- (11) Motors (or fraction thereof), \$2 each
- (12) Neon signs: first transformer, \$10; additional transformer, 60 cents for each.
- (13) X-ray, moving picture machine, stereoptician machine and like apparatus, \$10 each.
- (14) Wireways, busways, under floor raceways or auxiliary gutter (or fraction thereof), 20 cents per foot.
- (15) Total capacities of service switches: 0 to 100 amperes, \$10; 101 to 600 amperes, \$15; over 600 amperes, \$20.
- (16) Studded lights, including their outlets, 25 cents each.
- (17) Stage pockets, spotlights, florescent tubes and like apparatus, \$5 each.

- (18) Arc, mercury, search and floodlights, \$2 each.
- (19) Feeder or subfeeder changes, \$10 each.
- (20) Dimmers, \$3 each.
- (21) Temporary permits, \$10.
- (22) Reinspection, \$20.
- (23) Overhauling condemned work, \$20.
- (24) Minimum fee for any one permit, \$20.
- (25) Tubular lamps, such as fluorescent, cold cathode, lumiline and mercury vapor, 25 cents per tube.
- (26) 30 amp. Outlets, \$4 each.
- (27) Above ground pool or whirlpool-spa, \$25.
- (28) In ground pool, \$35.
- (29) Well, outside work, \$20; inside work \$5.
- (30) Mound, outside, \$20; inside \$5.
- (31) Fuel dispensing pump, \$10.
- (32) Failure to call for final inspection, \$20.
- (33) Bath and paddle fans, \$1.00 each.
- (34) Any work not listed, \$20.

(c) Late Permit Fee.

In case a permit is not obtained before work is started, except in emergency cases, the total fee for such a permit if granted, shall be \$20 in addition to an amount double the usual fee charged for such work. Granting of a permit after work is started shall not relieve the licensee from any liability from penalty provided by this code. 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 cut off at the end of this period and shall not again be connected without permissions from the Electrical Inspector.

(d) Town Expenses for Administration of Electrical Code.

All electrical inspection charges as herein provided shall be paid by the applicant for an electrical permit to the Electrical Inspector at the time application for such permit is filed. All electrical permit fees collected by the Electrical Inspector shall be paid to the Town Treasurer, and the sum of 20 percent of all electrical inspection fees paid to the Town Treasurer by the Electrical Inspector shall be retained by the town for reimbursement to the town for its expenses in the administration and enforcement of the electrical code. The balance of such electrical inspection fees shall be paid to the Electrical Inspector as has compensation for services rendered as Electrical Inspector for the Town of Lisbon.

The Electrical Inspector shall receive \$10 of each new, renewal, or late renewal contractors license, and \$10 of each limited use license fee.

(e) Wiring of Primary Residence.

Any homeowner, with the approval of the Electrical Inspector, may apply for an electrical permit to do interior wiring at their own home. Their own home shall be defined as an existing dwelling that they occupy and use as their mailing address a least 9 months of the year. The work is limited to wiring on the load side of the main switch or circuit breaker (homeowners cannot install new services). The approval of the Electrical Inspector is contingent on the homeowner supplying the name of their homeowners insurance carrier and a \$100 cash completion bond paid to the Town of Lisbon. This money will be refunded after final inspection by the Electrical Inspector. All permit fees that apply to electrical contractors in this chapter will also apply to homeowners. This includes late permit fees, reinspections, and failure to call for final inspections.

31.09 CERTIFICATE OF INSPECTION

Current shall not be turned on for any electrical installation until a certificate of inspection shall have been issued by the Electrical Inspector. In occupied buildings, however, where a permit for lighting fixtures has been issued, the Electrical Inspector may authorize the installation of meters for electrical service after the wiring has been inspected and approved. No certificate shall be issued if there are any outstanding corrections to be made. No certificate shall be issued if previous permits are not complete as to work done and the fees paid on any work that has been reported as complete.

31.10 INSTALLATION STANDARDS

(a) In General.

No certificate of inspection shall be issued unless the electric light, power or heating installation and all other electrical apparatus connected with it are in strict conformity with the provisions of the Electrical code.

(b) Approved Materials.

No Electrical materials, devices or appliances shall be used or installed in the Town of Lisbon unless they are approved in conformity with the provisions of the electrical code.

31.11 APPEALS

Whenever the Electrical Inspector shall determine that all or part of the electrical work of any building is not in strict compliance with the provisions of the electrical code, he shall in cases where the construction is in progress, give 5 days written notice thereof to the owner of his authorized agent or attorney. Such contractor or owner may, within 5 days after receiving such notice, file a petition in writing for a review of the action of the Electrical Inspector. The petition may be filed either with the chairman or with any one of the members of the Town Board. Upon receipt thereof, the board shall meet and forthwith determine whether the electrical code and the state and national electrical codes; thereupon the Town Chairperson shall cause written findings and decision to be filed, reflecting the action of the board, and shall further cause a copy thereof to be mailed or delivered to such contractor or owner.