

Chapter 23.10

ELECTRICAL CODE

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23.10.010 Adoption of the National Electrical Code, 2014 Edition.

Except as hereinafter provided, the National Electrical Code (2014 edition), hereinafter the National Electrical Code, sponsored by the National Fire Protection Association under the auspices of the American National Standards Institute, is hereby adopted as the minimum wiring standard for the City of Lincoln. Three printed copies of this document have been filed in the office of the Director of Building and Safety of the City of Lincoln for the use of and examination by the public. The City Clerk shall maintain one printed copy of this document, in book form, with the official records of the city. (Ord. 20255 §1; October 19, 2015: prior Ord. 19557 §1; June 20, 2011: Ord. 19217 §1 March 9, 2009: Ord. 18012 §1; June 7, 2002: Ord. 17521 § 1; July 6, 1999: Ord. 17049 §1; August 19, 1996; Ord. 16384 §1; June 14, 1993: Ord. 15580 §1; June 4, 1990: Ord. 14837 §21; February 29, 1988: Ord. 14228 §1; September 30, 1985).

23.10.020 Citation of Code.

This ordinance shall be known as the “Lincoln Electrical Code,” and may be cited as such and will be referred to herein as “this code.” The word “shall” as used in this ordinance indicates a mandatory rule. (Ord. 14228 §2; September 30, 1985).

23.10.025 Definitions.

For the purposes of this chapter, the terms herein shall be defined as follows:

Building Official shall mean the Director of the Department of Building and Safety, the Chief Electrical Inspector, or his or her designee.

Chief Electrical Inspector shall mean the supervising inspector as designated by the Director.

Department shall mean the Department of Building and Safety.

Detached Single Family Residence shall mean a single-family structure that is not attached to other living units. This definition shall not include townhouses, condominiums, mobile homes, duplex dwelling units, and multi-family dwellings and similar dwelling units.

Director shall mean the duly appointed Director of the Department of Building and Safety.

Electrical Contractor shall mean a person licensed as an Electrical Contractor pursuant to the laws of the State of Nebraska.

Electric Revenue Meter shall mean the device or devices including all auxiliary equipment, wire and wiring of necessary equipment to measure and register an electrical quantity (energy demand and reactive power) that is supplied by an electric utility at the customer service point. This meter is for the purpose of rendering an electric bill.

Homeowner shall mean a non-licensed individual performing an electrical installation pursuant to Section 23.10.160 of this code.

LES shall mean Lincoln Electric System.

Special Permission, as used in the NEC and this code, shall mean having the consent of the Chief Electrical Inspector or a Certified Electrical Inspector.

Utility shall mean Lincoln Electric System or Norris Public Power District. (Ord. 20255 §2; October 19, 2015).

23.10.030 Administration.

The Director of Building and Safety, hereinafter designated as “Building Official,” or an authorized representative of the Building Official, is hereby authorized and directed to enforce the provisions of this code. (Ord. 15580 §2; June 4, 1990: prior Ord. 14837 §22; February 29, 1988: Ord. 14228 §3; September 30, 1985).

23.10.040 Defective or Improperly Operating Electrical Equipment; Notice to Owner; Discontinuance of Electrical Service.

(a) The Building Official shall examine or cause to be examined any electrical equipment within or on any building or premises reported to be defective or in improper operating condition. If such equipment is found to be defective or in improper operating condition so as to constitute a danger to persons or property, the Building Official shall give to the owner of such building or premises written notice stating the deficiencies found to exist. This notice shall require the owner or person having charge or control of such building or premises, to commence work to correct such deficiencies, and all such work shall be completed within the time frame set forth in said notice.

Proper service of such notice shall be by personal service upon the owner of record or by certified mail to said owner’s last known address. The designated period within which said owner or persons having charge or control is required to comply with the order of the Building Official shall begin as of the date said owner receives such notice. In cases where the owner cannot be reached, refuses to reply, or refuses to comply with the directions given in the notice, the provisions of part (b) shall take precedence.

(b) The Director or Chief Electrical Inspector are hereby vested with the authority to order the discontinuance of electrical service to any building or premises where such deficiencies in electrical equipment have not been corrected within the time specified by such notice, or said owner refuses to comply with the direction given in the notice in accordance with section (a). In instances where the deficiencies constitute a danger to persons or property, the Director or Chief Electrical Inspector are hereby vested with the authority to immediately disconnect the electrical service to said building or property. Existing installations shall not be deemed a deficiency, provided the wiring when originally completed was installed in accordance with the provisions of the electrical code then in force and has been maintained in that condition. (Ord. 20255 §3; October 19, 2015: prior Ord. 15580 §3; June 4, 1990: Ord. 14228 §4; September 30, 1985).

23.10.050 Right of Entry.

(a) Whenever necessary to make an inspection to enforce any of the provisions of or perform any duty imposed by this code, or whenever the Building Official has reasonable cause to believe there exists within or on any building or premises any equipment, as defined in this code, which makes such building or premises dangerous, hazardous, or unsafe for any reason specified in this code, or that work is being done or has been done in violation of this code, including work being done without a permit or work being done by an unlicensed person or persons, then the Building Official is hereby authorized to enter within or on such building or premises at any reasonable time to inspect the same and perform any duty imposed upon the Building Official by this code; provided, that (1) if such building or premises be occupied, the Building Official shall first present proper credentials to the occupant and request entry, explaining the reasons therefor, and (2) if such building or premises be unoccupied, the Building Official shall first make a reasonable effort to locate the owner or other person having charge or control of such building or premises and request entry, explaining their reasons therefor. If such entry is refused or cannot be obtained because the

owner or other person having charge or control of such building or premises cannot be found after due diligence, the Building Official shall have recourse to every process provided by law to secure lawful entry and inspect such building or premises. (Ord. 20255 §4; October 19, 2015: prior Ord. 15580 §4; June 4, 1990: Ord. 14228 §5; September 30, 1985).

23.10.060 Building Official and Authorized Representative Relieved From Personal Liability.

The Building Official or an authorized representative charged with enforcement of this code, when acting in good faith and without malice, are hereby relieved from all personal liability for any damage that may accrue to any person or property as a result of any act required by this code, or by reason of any act or omission of the Building Official or an authorized representative in the discharge of their duties hereunder. Any suit brought against the Building Official or an authorized representative, because of any such act or omission in the enforcement of this code, shall be defended by the City Law Department until final determination of such proceedings. (Ord. 15580 §5; June 4, 1990: prior Ord. 14228 §6; September 30, 1985).

23.10.070 Bypassing Electric Revenue Meters.

(a) Any person, firm, or corporation who by-passes the electric revenue meter shall be deemed in violation of this code. Proper metering and overcurrent protection shall be installed immediately or the service entrance conductors shall be disconnected.

(b) It shall be deemed a violation of this code for any person, firm, or corporation to tap any metered conductor of another for the purpose of theft of power.

(c) It shall be unlawful for any seller of electric power to continue to sell electric power to any person, firm, or corporation described in subsection (a) above, unless the required service equipment and meter are installed as provided therein. (Ord. 19557 §2; June 20, 2011: prior Ord. 16384 §2; June 14, 1993: Ord. 14228 §7; September 30, 1985).

23.10.080 Severability.

(Repealed by Ord. 20255 §5; October 19, 2015 : prior Ord. 14228 §8; September 30, 1985).

23.10.090 Penalty.

(a) It shall be unlawful for any person, firm, or corporation upon whom a duty is placed by the provisions of this code to fail or to neglect to comply with the provisions of this code.

(b) Electrical equipment installed and/or connected to a source of electrical power by any person without a permit issued as set forth in this code, or any person, firm, corporation, or other entity causing any person to install and/or connect electrical equipment to a source of electrical power in violation of the provisions of this code shall be deemed in violation of this code and shall be subject to the penalties as set forth in this section.

(c) Any person, upon whom a duty is placed by the provisions of this code who shall fail, neglect or refuse to perform such duty or who shall violate any of the provisions of this code shall be deemed guilty of a misdemeanor, and upon conviction thereof shall be punished by imprisonment in the county jail for a period not to exceed six months, or by a fine of not to exceed \$500.00 recoverable with costs, or both, except that each person so convicted shall be fined in a sum of not less than \$200.00 for the first offense, not less than \$250.00 for the second offense, and not less than \$300.00 for the third offense and each offense thereafter. Each day a violation of any provision of this code continues to exist shall constitute a separate offense.

(d) For any case of non-compliance of the rules set forth in this code a “notice of violation” may be issued to any and all parties by the Building Official, and forwarded to the City Attorney’s office for prosecution or such other action as the City Attorney may deem appropriate. Regardless of or in addition to any penalties or fines applied in this section, fees as prescribed in section 23.10.520 shall also apply. (Ord. 20255 §6; October 19, 2015: prior Ord. 16384 §3; June 14, 1993: Ord. 14228 §9; September 30, 1985).

23.10.100 Electrical Advisory and Appeals Board; Creation.

There is hereby created an Electrical Advisory and Appeals Board which shall consist of six members and shall be referred to herein as the Electrical Board.

Membership on the Electrical Board shall consist of the following:

- (a) The Director of the Department of Building and Safety, as an ex officio member, but not counted for quorum purposes;
- (b) The Chief Electrical Inspector for the City of Lincoln;
- (c) A registered professional electrical engineer who has passed the State of Nebraska electrical engineer’s examination and is a representative from industry or business;
- (d) A registered professional engineer who has passed the State of Nebraska engineer’s examination and is a representative from the Lincoln Electric System;
- (e) One registered State of Nebraska licensed Electrical Contractor residing in the City of Lincoln;
- (f) One registered State of Nebraska licensed Electrical Contractor residing in the City of Lincoln and actively engaged in the electrical contracting business.

The registered professional electrical engineers and the registered Electrical Contractors shall be appointed by the Mayor with the concurrence of the City Council for staggered terms of three years each. Vacancies on the board shall be filled by appointment for the unexpired term only. The Chief Electrical Inspector shall be the permanent secretary of the board and shall keep a record of all meetings. (Ord. 20255 §7; October 19, 2015: prior Ord. 15580 §6; June 4, 1990: Ord. 14228 §10; September 30, 1985).

23.10.110 Electrical Board; Authority and Duties.

The Electrical Board shall:

- (a) Advise the Mayor regarding the determination of the suitability of alternate materials and methods of installation, and the reasonable interpretations of the provisions of this code. The board shall make recommendations to the Mayor at the Mayor’s request. The board shall adopt reasonable rules and regulations for conducting its investigations and shall render all recommendations in writing to the Mayor.
- (b) Have power and authority to adopt necessary rules and regulations consistent with the provisions of this code for the application for registration, and suspension or revocation of registration as provided in this code. Any such rules and regulations or amendments thereto shall be approved by the Mayor. The Electrical Board shall determine in the rules the necessary minimum qualifications for applicants for registration. Registrations shall not be granted to individuals who do not meet or comply with these regulations.
- (c) Have power and authority to hear and determine appeals by any person who is aggrieved by a decision, notice, or order of the Building Official under this code.
- (d) Hold an annual meeting on the third Wednesday in February of each year, at which meeting a chairperson shall be elected for the ensuing year.

(e) Hold special meetings upon the call of the chairperson, the Chief Electrical Inspector, or upon a written request signed by two of its members and filed with the secretary. (Ord. 20255 §8; October 19, 2015: prior Ord. 15580 §7; June 4, 1990: Ord. 14228 §11; September 30, 1985).

23.10.120 Appeals From Decision, Notice, or Order of Building Official.

(a) Any person who is aggrieved by a decision, notice, or order of the Building Official under this code may appeal such decision to the Electrical Board by filing such appeal within fifteen days from the date of such decision. Upon request, the Building Official shall furnish such aggrieved person with an appeal form, which, upon completion and filing within the prescribed time and payment of the prescribed fee, shall be sufficient for the purpose of commencing an appeal proceeding hereunder.

(1) A \$100.00 fee for review of a decision of the Building Official interpreting a provision or provisions of this code;

(2) A \$100.00 fee for review of a decision of the Building Official concerning the suitability of alternate materials or types of installation.

(b) The Building Official shall refer all properly and timely filed appeals to the Electrical Board for hearing. The secretary of said board shall in each appeal notify the appellant in writing of the date, time, and place of hearing before the board, which date shall be no later than thirty days from the filing of the appeal. Such notice shall be served upon the appellant by personal service or registered mail.

(c) Hearings on appeal need not be conducted according to technical rules relating to evidence and witnesses. Oral evidence shall be taken only on oath or affirmation. Any relevant evidence shall be admitted if it is the type of evidence upon which responsible persons are accustomed to rely in the conduct of serious affairs, regardless of the existence of any common law or statutory rule which may make improper the admission of such evidence over objection in civil actions in courts of competent jurisdiction in this state. Irrelevant and unduly repetitious evidence shall be excluded. The appellant, the board members, the Building Official, and any other party to an appeal hereunder shall have these rights, among others:

(1) To call and examine witnesses on any matter relevant to the issues of the hearing;

(2) To introduce documentary and physical evidence;

(3) To cross-examine opposing witnesses on any matter relevant to the issues of the hearing; and

(4) To rebut evidence.

(d) The Electrical Board shall then within a reasonable time after the hearing render a written decision which shall state its findings and conclusions. Decisions of the Electrical Board may be appealed as provided by law.

(e) Enforcement of any decision, notice, or order of the Building Official issued under this code shall be stayed during the pendency of an appeal therefrom which is properly and timely filed, except in cases of emergency, where enforcement of the same is necessary for the protection of persons or property. (Ord. 20255 §9; October 19, 2015: prior Ord. 19557 §3; June 20, 2011: Ord. 15580 §8; June 4, 1990: Ord. 14228 §12; September 30, 1985).

23.10.130 Scope.

(a) The provisions of this code shall apply within the corporate limits of the City of Lincoln and within three miles thereof. This code covers the installation of electrical conductors, equipment, and raceways; signaling and communications conductors, equipment, and raceways; and optical fiber cables including, but not limited to the following classes:

(1) Public and private premises, including buildings, structures, mobile homes, and floating buildings.

(2) Yards, lots, parking lots, carnivals, and electrical substations, except for electrical substations under the exclusive control of LES.

(3) Installations of conductors and equipment that connect to a supply of electricity.

(4) Installations used by LES, such as office buildings, warehouses, garages, machine shops, and recreational buildings, that are not an integral part of the generating plant or a substation under the exclusive control of LES.

(5) Non-LES owned or maintained meter socket, auxiliary metering equipment enclosure, and associated interconnecting conduit shall be subject to this code. Meter enclosures and auxiliary metering equipment enclosures in non-LES generation, transmission, and distribution facilities shall be subject to this code even if partial or full generation is sold to LES.

(6) Fire alarm and emergency systems regardless of operating voltage.

(b) The provisions of this code shall not apply to the following:

(1) Installations in ships, watercraft (other than floating buildings), railway rolling stock, aircraft, automotive vehicles, or the original construction of manufactured or mobile homes and recreational vehicles.

(2) Installations underground in mines.

(3) Installations of railways for generation, transformation, transmission, or distribution of power used exclusively for operation of rolling stock or installations used exclusively for signaling and communication purposes.

(4) Installations of communication equipment under exclusive control of communication utilities, located outdoors or in building spaces used exclusively for such installations.

(5) Installations under the exclusive control of LES where such installations:

(a) Consist of service drops or service laterals.

(b) Are on property owned or leased by LES for the purpose of communications, generation, control, transformation, transmission, or distribution of electric energy in buildings used exclusively by LES for such purposes or located outdoors on property owned or leased by LES, or on public highways, streets, roads, or other public ways, or outdoors by established rights on private or public property.

(c) Include meters, auxiliary metering equipment, wiring, and associated metering enclosures under the exclusive control of LES for the sole purpose of monitoring the electric utility system or for interchange and/or billing for electric power between utilities.

(d) Electric revenue meter, auxiliary metering equipment, meter sockets/enclosures owned, maintained, and wired by and under the exclusive control of LES. (Ord. 20255 §10; October 19, 2015: prior Ord. 17049 §2; August 19, 1996: Ord. 16384 §4; June 14, 1993: Ord. 15580 §9; June 4, 1990: Ord. 14228 §13; September 30, 1985).

23.10.140 Permits Required.

(a) No person, firm, or corporation other than a registered electrical contractor, journeyman electrician, residential journeyman electrician, apprentice of an electrical contracting company, or homeowner under certain conditions set forth in Section 23.10.160 shall install, alter, or add to any electrical equipment, and no such installation, alteration or addition shall be made without first obtaining a permit therefor from the Building Official. Permits may be issued only to registered electrical contractors or homeowners in accordance with Section 23.10.160 and registered State of Nebraska licensed fire alarm installers for the low voltage portion of fire alarm systems only.

(b) No permit, license, or registration shall be required to execute any of the following classes of electrical work:

(1) Routine maintenance requiring the repair or replacement of existing electrical apparatus and equipment of the same size and type for which no changes in wiring are made. The replacement of permanently wired fixed-in-place appliances including, but not limited to, furnaces, air conditioners, garbage disposals, dishwashers and water heaters shall not be considered as routine maintenance and shall be subject to permit requirements.

(2) The installation, alteration, or repair of electrical equipment for the operation of signals or the transmission of electronic signals or data by wire.

(3) The installation, alteration, or repair of electrical equipment installed by or for LES for the use of LES in the generation, transmission, or distribution of electricity, and shall include meters and associated metering enclosures under the exclusive control of LES for the sole purpose of monitoring the electric utility system or for the interchange and/or billing for electric power between electric utilities.

(4) The installation, alteration, or repair of electric revenue meters, auxiliary metering equipment, meter sockets/enclosures owned, maintained, and wired by and under the exclusive control of LES.

(5) Installation, alteration, or repair made to electrical equipment, where such equipment operates at a voltage not exceeding fifty volts, except emergency alarm systems and other installations specifically referred to in this code. This shall not be construed as preemption of National Electrical Code Requirements for low voltage systems.

(6) Any work involved in the manufacture, test, or repair of electrical materials, devices, appliances, or apparatus, but not including any permanent wiring other than that required for testing purposes.

(7) Repair or replacement of motors on fixed approved appliances of the same type and rating in the same location.

(8) The adjustment, repair, or maintenance of appliances designed to consume natural or artificial gas, fuel oils, or coal; provided, this exception shall not permit the replacement of an existing motor with one of a different rating.

Nothing in this subsection shall be construed to exempt any person, firm, or corporation from compliance with the standards prescribed by this code for the installation of electrical equipment, or from inspection as provided herein. (Ord. 20255 §11; October 19, 2015: prior Ord. 19557 §4; June 20, 2011: Ord. 19217 §2; March 9, 2009: Ord. 17049 §3; August 19, 1996: Ord. 15580 §10; June 4, 1990: Ord. 14228 §14; September 30, 1985).

23.10.150 Issuance of Permit.

Applications for permits to install, alter, or add to electrical equipment shall be on forms furnished for that purpose by the Department and shall contain all information necessary to the lawful enforcement of the provisions of this code. Each application shall be accompanied by such plans and specifications as are required by the Department to determine that the work proposed conforms to the requirements of this code. The approval of any plans and/or specifications shall not be construed to sanction any violation of this code.

When the Building Official determines that the information on an application is in conformance with this code, the Department shall issue a permit upon receipt of the permit fees hereinafter prescribed. No permit holder shall deviate materially from any approved plans or specifications or fail, neglect, or refuse to comply therewith, unless permission to do so has been obtained from the Building Official or an authorized representative.

The issuance of a permit based upon plans and specifications shall not prevent the Building Official from thereafter requiring the correction of errors in said plans and specifications or preventing the initiation or continuance of work thereunder when in violation of this code or any other ordinance. (Ord. 20255 §12; October 19, 2015: prior Ord. 19557 §5; June 20, 2011: Ord. 17049 §4; August 19, 1996: Ord. 15580 §11; June 4, 1990: Ord. 14228 §15; September 30, 1985).

23.10.160 Installation by Homeowners.

Homeowners may install electrical branch circuit and feeder wiring only, in a stand alone detached single family dwelling which they currently own and occupy as their principal residence. This shall include any ancillary structures located on the same property.

The electrical branch circuit and feeder wiring for the following shall not be installed by homeowners:

(1) Swimming pools, hot tubs, and similar equipment, including all associated components. Where a building permit is required to accommodate the installation of said equipment all electrical wiring associated with the permitted work must be installed and completed by an electrical contractor.

EXCEPTION: Hydro-massage bathtubs for residential use as referenced in article 680 of the National Electrical Code.

(2) Alternate or standby energy systems such as generators, wind, photovoltaic, fuel cell, or any other electrical energy producing system that is intended to use any part of a premise wiring system, or a utility connection for the transfer of the electrical energy produced by such systems.

(3) Electrical wiring and equipment for all home based businesses and occupations such as those allowed or defined in accordance with Chapter 27 of the Lincoln Municipal Code.

NOTE: Branch circuit and feeder wiring allowed under this section does not include service equipment. Homeowners shall not perform upgrades, replacements, or repairs of this type.

Electrical wiring installed by homeowners shall be for themselves, without compensation or pay from or to any other person for such labor or installation. Such installation by a homeowner shall comply with the requirements of this code, and said applicant in exercising this privilege shall not constitute or be considered as an electrical contractor. The applicant shall be required to demonstrate knowledge of code requirements, apply for and secure a permit, pay the required permit fees for homeowners in accordance with Section 23.10.520 of this code, and call for all inspections in the manner provided by this code. A homeowner may obtain a permit for the inspection of equipment installed under an expired permit that had never been inspected only if the original

installation was completed by the applicant of the expired permit. In instances where work was not completed by the original applicant, the homeowner must retain a licensed electrical contractor to obtain the necessary permit for inspection and ensure the installation is complete and complies with all electrical codes.

The Department may deny the issuance of electrical permits to homeowners under any one of the following circumstances:

(a) There is reason to believe the proposed electrical work will be done by someone other than the homeowner;

(b) There is reason to believe the property is or will be sold on the completion of the electrical work. For the purposes of this subsection (b) there is a rebuttable presumption that the property is or will be sold on the completion of the electrical work if the applicant, within the prior five years, has sold his or her home and the electrical work for said home was performed by the applicant under a homeowner permit.

(c) Previous homeowner permits have not been completed in compliance with this code;

(d) The homeowner is temporarily residing in the home.

If a homeowner is found to have at any time violated or falsified any of the above items, they shall immediately cease all electrical work, forfeit the permit, and secure the services of a registered electrical contractor to complete the electrical work in compliance with the code.

Required inspections may be requested on any regular business day. If the request cannot be accommodated, the inspector shall contact the applicant to reschedule the inspection. The applicant, if unable to be present during the normal working hours of a day, shall be required to supply a key or other means of access for the inspection to be performed. (Ord. 20255 §13; October 19, 2015: prior Ord. 19557 §6; June 20, 2011: Ord. 19217 §3; March 9, 2009: Ord. 17049 §5; August 19, 1996: Ord. 16384 §5; June 14, 1993: Ord. 15580 §12; June 4, 1990: Ord. 14228 §16; September 30, 1985).

23.10.170 Inspections, Conducted by Building Official.

The Building Official or an authorized representative are hereby authorized to make such inspections and take such action provided by law as may be necessary to enforce the provisions of this code. (Ord. 15580 §13; June 4, 1990: prior Ord. 14228 §17; September 30, 1985).

23.10.180 Inspections, Required.

The installation, alteration, or addition to any electrical equipment for which a permit is required shall be subject to inspections and/or approval by the Building Official. (Ord. 20255 §14; October 19, 2015: prior Ord. 15580 §14; June 4, 1990: Ord. 14228 §18; September 30, 1985).

23.10.190 Inspections, Request for.

Inspections required under the provisions of this code shall be requested by the person, firm, corporation or authorized representative of the person holding the permit for such work. Such request shall be made in accordance with all procedures for inspection requests as established by the Department. All requests for inspection must include the permit number, electrical contractor or homeowner's name, address and suite number, if applicable, and means of access. Appointments for required inspections shall not be made with the exception that inspection requests may be scheduled for a given day. It shall be the duty of the person requesting inspection of electrical equipment to provide access to and a means for proper inspection of such equipment. The person requesting final inspection shall determine that the electrical equipment is operational before

requesting such final inspection. In the event the electrical permit holder is intending for the owner of the property to request a final inspection, the permit holder shall provide the owner of the property with information on requesting a city inspection. The owner of the property shall have the duty of requesting the final inspection and providing access and a means for proper inspection. (Ord. 20255 §15; October 19, 2015: prior Ord. 19557 §7; June 20, 2011: Ord. 19217 §4; March 9, 2009: Ord. 18012 §2; June 17, 2002: Ord. 17521 § 2; July 6, 1999: Ord. 16384 §6; June 14, 1993: Ord. 15580 §15; June 4, 1990: Ord. 14228 §19; September 30, 1985).

23.10.195 Inspections, Procedures.

Pursuant to Section 23.10.170:

(a) No portion of any electrical equipment intended to be concealed by any permanent portion of a building including thermal insulation shall be concealed until inspected and/or approved by the Building Official. When the installation, alteration, or addition to any electrical equipment is complete, a final inspection request shall be made. Failure of the permit holder to schedule and request such final inspection shall be reason for withholding the issuance of further permits.

(b) When the Building Official finds an installation to not be in compliance with this code, the Building Official shall issue a correction order. The correction order shall be issued to the person, firm, or corporation holding the permit for the work. The order shall include a date when a final inspection shall be made. If required corrections have not been completed, or access to complete the inspection has not been provided, a reinspection fee shall be levied and arrangements shall be made to complete the work. If at the time of final inspection the installation has not been brought into compliance, a disconnection order may be issued by the Director or Chief Electrical Inspector.

(c) The requirements of this section shall not be considered to prohibit the temporary use of electrical energy for electric wiring, before final approval thereof when so authorized by the Building Official and with such restrictions upon such temporary use as may be necessary to ensure safety, secure compliance with all other provisions of this code, and facilitate inspection.

No temporary use of electrical energy shall be permitted in any case where a hazard to persons or property would be created.

(d) A final inspection certificate of approval may, upon notice, be revoked by the Building Official if it is found that the electrical equipment fails in any respect to comply with the requirements of this code, or that the installation is unsafe to persons or property. Corrections not made and approved by the Building Official in the allotted time shall be grounds for withholding further permits until corrections are made and approved by the Building Official.

(Ord. 20255 §16; October 19, 2015: prior Ord. 19557 §8; June 20, 2011: Ord. 17049 §6; August 19, 1996: Ord. 16384 §7; June 14, 1993: Ord. 15580 §16; June 4, 1990).

23.10.200 Registration of City and State Electricians of All Classes.

(a) No person, firm, or corporation shall install, alter, or add to any electrical equipment, except such installations as are described in Section 23.10.160 within the corporate limits of the City of Lincoln and three miles thereof without first being registered to do so as hereinafter provided.

(b) Persons holding State of Nebraska Electrical Contractor Licenses, Journeyman Electrician Licenses, Residential Journeyman Electrician Licenses, registered state apprentices, or State Fire Alarm Installer Licenses shall submit their state license or registration, and submit the insurance certificate herein required annually with the Building Official before performing any electrical work covered by this code. No electrical permits shall be issued to any state license holder

until such registration and insurance certificate are approved. A registration fee in accordance with this code shall accompany all applications for registration. Electrical licenses, except those mentioned above, will not be recognized by the City of Lincoln as being in compliance with this code. City registrations of State licenses shall expire when the State license expires.

(c) Automatic registration. Any State of Nebraska licensed electrical contractor, journeyman electrician, residential journeyman electrician, electrician's apprentice, or state fire alarm installer duly registered at the time of the adoption of this code shall be automatically registered in the same classification under the provisions of this code.

(d) A valid registration or license of one or more of the classifications listed above shall be carried at all times while work is being executed. Any person checked and found to not be in possession of a valid registration or license shall be deemed in violation of this code, and shall immediately cease work and obtain said registration or license prior to engaging in further electrical installation.

(e) Registered electrical contractors may employ or supervise, or provide journeyman or residential journeyman supervision for apprentice electricians at a ratio not to exceed three apprentice electricians to one licensee. (Ord. 20255 §17; October 19, 2015: prior Ord. 19557 §9; June 20, 2011: Ord. 17521 § 3; July 6, 1999: Ord. 17049 §7; August 19, 1996: Ord. 16384 §8; June 14, 1993: Ord. 15580 §17; June 4, 1990: Ord. 14228 §20; September 30, 1985).

23.10.210 Examination for City Registration.

(Repealed by Ord. 20255 §18; October 19, 2015 : prior Ord. 17521 § 4; July 6, 1999: Ord. 15580 §18; June 4, 1990: Ord. 14228 §21; September 30, 1985).

23.10.220 Examination and Registration Fees.

(Repealed by Ord. 20255 §19; October 19, 2015 : prior Ord. 19557 §10; June 20, 2011: Ord. 17079 §1; October 21, 1996: Ord. 17049 §8; August 19, 1996: Ord. 16384 §9; June 14, 1993: Ord. 15580 §19; June 4, 1990: Ord. 14228 §22; September 30, 1985).

23.10.230 Classification of City Registrations.

The classes of registration are as follows:

(a) An **electrical contractor** is hereby defined to be any person having the necessary qualifications, training, experience, and technical knowledge to properly plan, lay out, install, and supervise the installation of wiring, apparatus, and equipment for electric light, heat, power, and other purposes, with the full responsibility of supervision, whether doing such work themselves or employing journeyman electricians, residential journeyman electricians, and apprentices to assist them, and is licensed by the State of Nebraska Electrical Board.

(b) A **journeyman** electrician is hereby defined to be any person having the necessary qualifications, training, experience, and technical knowledge to wire for or install electrical wiring, apparatus, and equipment and supervise apprentice electricians, and is licensed by the State of Nebraska Electrical Board.

(c) A **residential journeyman electrician** is hereby defined to be any person having the necessary qualifications, training, experience, and technical knowledge to wire for or install electric wiring, apparatus, and equipment for residential installations and to supervise apprentice electricians, and who is licensed by the State of Nebraska Electrical Board. For the purposes of this license the term residential shall mean installations for one, two, or multi-family dwellings not larger than three stories in height.

(d) An **apprentice electrician** is hereby defined to be any person other than an electrical contractor, a journeyman electrician, or a residential journeyman electrician who, as such person's principal occupation, is engaged in learning and assisting in the installation, alteration, and repair of electrical equipment as an employee of an electrical contractor. Any apprentice electrician who shall install, alter, or repair electrical equipment other than under the direct supervision and control and in the immediate presence of a registered electrical contractor, journeyman electrician, or residential journeyman electrician shall be deemed in violation of the provisions of this code.

Any electrical contractor, journeyman electrician, or residential journeyman electrician hereunder who shall permit or cause an apprentice electrician to install, alter, or repair electrical equipment other than as provided herein, shall be deemed in violation of the provisions of this code.

(e) A **fire alarm installer** is hereby defined to be any person having the necessary qualifications, training, and experience to plan, lay out, and install electrical wiring, apparatus, and equipment for only those components of fire alarm systems that operate at fifty volts or less and who is licensed by the State of Nebraska Electrical Board. Conductors and equipment operating at a potential of greater than fifty volts shall be installed only by a registered electrician.

Only licenses issued by the State of Nebraska Electrical Board and defined herein shall be recognized in the City of Lincoln. Anyone not obtaining a registration for these licenses prior to the commencement of any electrical work shall be deemed in violation of this code. (Ord 20255 §20; October 19, 2015 : prior Ord. 17049 §9; August 19, 1996: Ord. 16384 §10; June 14, 1993: Ord. 15580 §20; June 4, 1990: Ord. 14228 §23; September 30, 1985).

23.10.240 Renewal of Registration.

Ord. 17049 §10; August 19, 1996: Ord. 16384 §11; June 14, 1993: Ord. 14228 §24; September 30, 1985).

23.10.250 Registration to be Used Only by Holder.

Any registered electrician of any class herein provided who allows his or her name to be used by another person, firm, or corporation, directly or indirectly, either to obtain a permit, or to install, alter, or add to any electrical equipment shall be deemed in violation of this code. (Ord. 17049 §11; August 19, 1996: prior Ord. 15580 §21; June 4, 1990: Ord. 14228 §25; September 30, 1985).

23.10.260 Suspension or Revocation of Registration.

The Electrical Board, upon the recommendation of the Director or Chief Electrical Inspector and after conducting a hearing as herein provided, shall have the power to suspend or revoke the registration of any registered electrician hereunder if the same was obtained by error or fraud, or if the holder thereof is shown to be no longer qualified, or if such holder fails to comply with the provisions of this code.

Where the Director or Chief Electrical Inspector has recommended suspension or revocation of a electrician's certificate of registration, the Director or Chief Electrical Inspector shall cause written notice to be served upon the registered electrician whose registration has been recommended for suspension or revocation, setting forth the time and place for a public hearing thereon. Such written notice shall be served by certified mail to the registrant's last known business address. At such hearing, the Electrical Board shall hear all parties concerned and afford them the following rights, among others:

- (a) To call and examine witnesses on any matter relevant to the issues of the hearing;
- (b) To introduce documentary and physical evidence;

(c) To cross-examine opposing witnesses on any matter relevant to the issues of the hearing;

(d) To rebut the evidence against him or her; and

(e) To be represented by an attorney.

The Electrical Board shall then within a reasonable time after the hearing render a written decision, setting forth its findings and conclusions. In any instance where a registration is revoked or suspended, the holder of same shall not apply for a new registration until the reason or reasons for said revocation or suspension, as determined by the Electrical Board, have been corrected and the holder is once again qualified to be registered herein. Decisions of the Electrical Board are final unless appealed as provided by law. (Ord. 20255 §22; October 19, 2015 : prior Ord. 14228 §26; September 30, 1985).

23.10.270 Certificates of Insurance; State of Nebraska Electrical Contractor and Fire Alarm Installer.

Before any registered electrical contractor or fire alarm installer as defined herein may be issued a permit to install, alter, or add to electrical equipment hereunder, such electrical contractor or fire alarm installer shall be required to:

(a) At all times maintain public liability insurance coverage for all claims arising out of all work in the City of Lincoln and within three miles of the corporate limits thereof done by or under the supervision of the electrical contractor or fire alarm installer under the provisions of this code. Such insurance shall be in the form of a commercial or comprehensive general liability policy, or an acceptable substitute policy form as permitted by the City Attorney, with a minimum combined single limit of \$500,000.00 aggregate for any one occurrence on any job for which a permit is required under this code, provided the City of Lincoln shall be named an additional insured thereunder. The coverages required herein shall be subject to review and approval by the City Attorney for conformance with the provisions of this section.

(b) At all times keep on file with the Department a current certificate of insurance signed by a qualified agent of an insurance company licensed to do business in the State of Nebraska and approved by the City Attorney for conformance with the provisions of this section evidencing the existence of valid and effective policies of insurance naming the city as an additional insured for the coverage required by subsection (a) of this section, the limits of each policy, the policy number, the name of the insurer, the effective date and expiration date of each policy, the deductibles or self-insurance retainers of each policy, and a copy of an endorsement placed on each policy requiring thirty days notice by mail to the Department before the insurer may cancel the policy for any reason, and, upon request of the Department or the City Attorney, a copy of any endorsements placed on such policies or the declarations page of such policies.

Separate certificates of insurance showing the electrical contractor or fire alarm installer to be covered under one policy and the city to be covered under another policy may be deposited in lieu of a single certificate, at the option of the electrical contractor or fire alarm installer. All certificates of insurance shall provide that in the event of expiration or cancellation of any of said minimum insurance requirements, the City of Lincoln, Nebraska, shall be given at least thirty days advance written notice thereof. Any termination, reduction, or lapse of such insurance coverage shall automatically terminate the electrical contractor's or fire alarm installer's privilege to be issued permits under the provisions of this code, unless other insurance meeting the requirements of this section is provided and in full force and effect at the time of such expiration or cancellation. (Ord.

20255 §23; October 19, 2015 : prior Ord. 15930 §3; July 29, 1991: Ord. 15580 §22; June 4, 1990: Ord. 14228 §27; September 30, 1985).

23.10.280 Wiring of Temporary Construction Walkways.

(Repealed by Ord. 19557 §11; June 20, 2011: prior Ord. 15580 §23; June 4, 1990: Ord. 14228 §28; September 30, 1985).

23.10.290 Installation Standards and Approved Wiring Methods.

(a) Approved metallic conduit, nonmetallic conduit, electric nonmetallic tubing, manufactured wiring systems specifically approved by the authority having jurisdiction, and approved wireway or cable tray shall be used in the installation of all electrical equipment in or on all other buildings, structures, tents, and premises than those enumerated in subsection (b) of this section. All wiring methods shall be electrically and mechanically continuous and shall incorporate a separate conductor for the purposes of equipment grounding. The above wiring methods shall also be acceptable for those occupancies listed in subsection (b) of this section. Flexible metal conduit may be used for fished-in connections, where flexibility or sound isolation is required and for extensions of approved raceway systems where their installation is not possible because of building requirements. Flexible metal conduit shall not be used as a general wiring method.

It is the intent of this section to require a substantial, approved raceway system in which conductors may be installed, excluding the low voltage portion of fire alarm systems. Those system shall be installed to comply with the requirements contained in the National Electrical Code.

(b) Nonmetallic sheathed cable may be used for the installation of all concealed electrical equipment within the following buildings:

- (1) Single-family dwellings and associated outbuildings on the same property.
- (2) Buildings now wired with metallic protected wiring which will be used in the future for dwelling purposes only.
- (3) Multi-family dwellings (apartment houses) where each dwelling unit within such structure has individual distribution panels located in each unit; however, all feeders or subfeeders to each unit shall be installed in rigid metal conduit, intermediate metal conduit, electrical metallic tubing, or rigid nonmetallic conduit.

EXCEPTION: In existing structures only, service equipment and sub-panels may be located in a common area accessible to all occupants, provided individual dwelling unit home runs are routed in a raceway between the sub-panel and the unit.

A mounted or free standing microwave unit shall not be considered permanent provisions for cooking as required to meet the definition of dwelling unit.

The word “concealed” as used in this section shall mean protected from mechanical injury by being installed between or through holes bored in rafters, studding, floor joists, or being fished in the air voids in masonry walls or partitions of buildings.

(c) Electrical Metallic Tubing (EMT) shall not be used for direct earth burial. Where metallic raceways are installed in direct earth contact they shall incorporate either PVC coating or asphaltum protection.

(d) Branch circuit or feeder conductors No. 6 and smaller where installed within structures shall be copper.

(e) Alternate energy sources:

- (1) Anyone seeking to install systems capable of co-generation or grid tie (interconnection) shall, prior to the installation of these systems, submit plans and specifications

for such system to the Department and the interconnecting electric utility for review and approval.

(2) For all other systems; plans and specifications need not be submitted prior to the installation of said equipment. Such installations shall be subject to all applicable requirements contained in this code.

(f) For the purpose of conductor continuity, the phase, grounded, and grounding conductors shall not be dependent upon device connections such as lamp holders, receptacles, etc.

(g) Fire separation between wiring methods in mixed occupancy structures shall be compliant with applicable building codes enforced by the Department.

(h) Section 210.12 and Section 406.4(D)4 of the 2014 National Electrical Code shall be enforced consistent with the requirements of the State of Nebraska's Electrical Division. (Ord. 20255 §24; October 19, 2015 : prior Ord. 19557 §13; June 20, 2011: Ord. 19217 §5; March 9, 2009: Ord. 18012 §3; June 17, 2002: Ord. 17049 §12; August 19, 1996: Ord. 16384 §12; June 14, 1993: Ord. 15580 §24; June 4, 1990: Ord. 14228 §29; September 30, 1985).

23.10.300 Services, Disconnects, Sub-feeders and Metering Requirements.

Service disconnecting means shall contain the proper overcurrent devices, connected in series with the service conductors to adequately protect all ungrounded conductors from overload. Approved service equipment consisting of fuses or circuit breakers installed in line-meter-fuse sequence shall be used on all installations requiring main fusing of 200 amperes or less and less than 250 volts nominal. The defined service point for underground residential single family services both temporary and permanent shall be the line side of the electric revenue meter socket. For overhead single family residential services both temporary and permanent the utility point shall be the utility connection at the service head.

The service disconnect shall be mounted as close to the point of service entrance as possible. Each building or occupancy within a building having a service rated 200 amperes or less shall have one main disconnect. When more than one service or main disconnect is provided, per building or multi-occupancy building, said services or disconnects shall be placed immediately adjacent to each other, unless otherwise specifically authorized by the Building Official, and shall be clearly labeled in a permanent manner as to their voltage characteristics and the area or portion of the building or premises that is being served by each disconnect. If located inside a building, and not mounted on the outside wall directly opposite the point of entrance, the service conductors shall be enclosed in conduit or raceway encased with two inches of concrete, four inches of brick, or eight inches of hollow block or tile from the point of entrance to the service disconnect enclosure.

Liquidtight flexible metal conduit, flexible metal conduit, service entrance cables, liquidtight flexible nonmetallic conduit, and electrical nonmetallic tubing shall not be used as the wiring method for the installation of service entrance conductors.

Service entrance conductors and panel sub-feeder conductors except the equipment ground shall all be the same size and have an ampacity in accordance with Article 310 of the National Electrical Code for the maximum rating of the overcurrent device(s) or service.

EXCEPTION: For single family dwellings where the service lateral conductors are not installed by a utility.

Main bonding jumpers and grounding electrode connections as a general rule shall be installed and made in the main service disconnecting means. In all cases, the bonding and grounding connections shall be accessible after installation is complete, except where specifically listed for the purpose. Connections shall not be made where a utility seal prevents the future maintenance and

inspection of these terminations. In the case of multiple service disconnecting means listed and approved enclosures may be used for all grounding electrode connections and taps.

In general, electric revenue metering equipment shall be installed on the supply side of the service disconnect. Electric revenue meters on a building or structure shall be installed as per the serving utilities standards regarding heights and type of equipment used. Where the serving utility has no standard or regulation for this equipment, then all requirements contained in the National Electrical Code shall be complied with. All nonmetallic conduits for underground services or feeders, whether used as a sleeve for protection or installed as a complete raceway, shall incorporate expansion fittings to prevent damage to service equipment.

Potential reference and instrument transformer wires installed between service equipment or CT cabinets and the meter socket may extend up to twenty feet within a structure without raceway concrete encasement, provided the raceway is of rigid metal conduit. Runs of conduit for unfused metering conductors exceeding twenty feet shall be installed below grade, or be encased in not less than two inches of concrete, four inches of brick, or eight inches of hollow block or tile.

A permit shall be obtained for repairs of existing services where the meter seal has been cut, the meter socket is unfastened from the structure, the service conduits have been damaged, or the service drop is disconnected. For replacement of existing electrical services where currently located within a bathroom area, the service shall not be required to be relocated provided the service equipment has proper clearances that comply with the National Electrical Code. (Ord. 20255 §25; October 19, 2015 : prior Ord. 19557 §14; June 20, 2011: Ord. 19217 §6; March 9, 2009: Ord. 17049 §13; August 19, 1996: Ord. 16384 §13; June 14, 1993: Ord. 15580 §25; June 4, 1990: Ord. 14228 §30; September 30, 1985).

23.10.510 Code Coordination.

The electrical contractor shall become familiar with the requirements of other codes (such as the International Building Code, International Mechanical Code, International Fire Code, and their adoptive ordinances) enforced in this jurisdiction, the provisions of which apply to electrical installations.

ADVISORY NOTE: See the Lincoln Building Code, Section 20.12.360 regarding requirements for smoke detectors in dwelling units. Contact the Lincoln Bureau of Fire Prevention for the requirements of the Lincoln Fire Code, Title 19, and Lincoln Fire Suppression Ordinance, Title 24, regarding exit lighting, fire alarm and emergency systems, and hazardous (classified) area classification. Contact the Mechanical Inspection Division regarding smoke detector requirements for air handling units of more than 2000 cfm. (Ord. 19217 §50; March 9, 2009; prior Ord. 17521 § 41; July 6, 1999: Ord. 17049 §51; August 19, 1996: Ord. 15580 §48; June 4, 1990: Ord. 14228 §51; September 30, 1985).

23.10.520 Permit Fees.

Before a permit to install, alter, or add to electrical equipment shall be issued, a fee for such permit shall be paid to the Building Official as set forth below. Said permit shall become valid for a period of ninety days from the date of issuance, and remain valid as long as work on the project is not abandoned for a period in excess of ninety days.

Where work for which a permit is required by this code is started prior to obtaining a permit, the fees hereinafter specified shall be doubled; however, the payment of such double fees shall not relieve any person, firm, or corporation from fully complying with the requirements of this code.

NOTE: Non-compliance fees as prescribed in the fee schedule may be levied in addition to the above penalty, but are not subject to doubling.

There shall be no refunds or credits given on any permit which has expired. All requests for refunds on permits shall be in writing to the Department of Building and Safety. All refunds shall be subject to a \$20.00 processing fee. For partially completed permits, refund amounts shall be calculated by the total fee for items not yet inspected minus the \$20.00 processing fee.

ELECTRICAL CONTRACTOR FEE SCHEDULE

The following fees shall be used for all registered electrical contractors:

PERMIT FEES:

Minimum Permit Fee Charge \$ 30.00

There is no minimum permit fee for supplemental permits for shortages occurring on the original permit, and for which the work has been inspected. Minimum permit fees shall apply to all work that has not been inspected.

For service equipment, service repairs, service rewires, temporary services, branch or sub-panels, and transfer switches the following fees shall apply by amperage per component:

0-200 amperes \$35.00
201-400 amperes \$50.00
401-800 amperes \$75.00
801-1200 amperes \$95.00
1201-2000 amperes \$125.00
2001-3000 amperes \$150.00
over 3000 amperes \$200.00

Each additional meter \$6.00

High voltage (>600v) equipment:

Terminations for equipment (each) \$10.00

Wind and photovoltaic generation systems:

0 to 1.5KW \$50.00
Over 1.5KW through 10KW \$100.00
Over 10KW \$150.00
Charger/converter/controller's (each) \$20.00

Generator Systems:

Up to and including 10KW \$25.00
Over 10KW through 25KW \$50.00
Over 25KW through 100KW \$75.00
Over 100KW through 250KW \$125.00
Over 250KW \$175.00

Transformers:

0 to 15 KVA	\$20.00
Over 15 through 75 KVA	\$50.00
Over 75 through 112 ½ KVA	\$100.00
Over 112 ½ KVA	\$150.00

Motors:

0 to 3	\$8.00
Over 3 through 10 HP	\$15.00
Over 10 HP	\$25.00

Exhaust Fans and Hoods:

Residential - Kitchen and Bathroom	\$3.00
Commercial - Kitchen	\$25.00
Commercial - Bathroom	\$5.00

Pole and Parking Lot Lighting:

Pole (each)	\$6.00
Luminaire for pole or parking lot lighting (each)	\$2.00

Each outlet for lighting, receptacles, switches, junction boxes

\$0.60

Each lighting fixture (for track lighting luminaires are counted separately)

\$0.60

Baseboard, cove, unit heaters, duct heater

\$6.00

Ceiling Fans

\$6.00

Smoke/CO detectors 120 volt hard wired/interconnected

\$1.00

Radiant Heating Cables and mats (per system)

\$30.00

Bathroom Hand Dryers

\$6.00

Signs (each)

\$25.00

Appliances or receptacles for same:

Disposal, Dishwasher, Dryer, Range, Furnace (Electric and Gas) Heat Pumps, Water Heaters, Air Conditioner, or receptacles for approved cord connected appliances of like nature (each)	\$6.00
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Roof Top Units (RTUs)

\$10.00

Pool Bonding (equipment listed separately)

\$150.00

Hot Tubs or similar

\$75.00

Fountains and water features (equipment listed separately)

\$25.00

Hydro Massage Bathtub

\$25.00

Temporary Wiring (for other than construction purposes)

\$30.00

Miscellaneous:

(For inspection of apparatus for which no other fee is provided) \$7.00

Fire Alarm Control Panel \$35.00

Fire Alarm Devices and Signals:

1 - 15 devices \$25.00
 16 - 30 devices \$50.00
 31 - 50 devices \$75.00
 51 - 100 devices \$100.00
 Over 100 devices \$125.00

Re-inspection fee:

Wrong address, work not complete, improper or no access
for inspection, equipment that does not pass inspection \$30.00

Non-compliance fees:

Fees for non-compliance shall be in addition to any penalties, fines, or fees prescribed elsewhere in this code. Non-compliance fees may be assessed by the Chief Electrical Inspector for the following:

Journeyman to apprentice ratio (for each employee working onsite) \$200.00
 Expired/Improper registration (per employee out of compliance) \$200.00
 Work done by non-licensed/non-registered persons \$200.00
 Failure to obtain required inspection \$200.00
 Failure to obtain permit \$200.00

Examination Fee: (All classes per examination) \$100.00

Registration Fees:

The following registration fees are for a term of one year.
(For two year registration of State Licenses the following fees would be double.)

State of Nebraska Master/Contractor \$100.00
 State of Nebraska Fire Alarm Installer \$100.00
 State of Nebraska Journeyman \$25.00
 Maintenance Electrician \$100.00
 City of Lincoln Master Electrician \$100.00
 City of Lincoln Journeyman Electrician \$25.00
 City/State Apprentice registration \$15.00

HOMEOWNER FEE SCHEDULE

The following fees shall be used for all electrical applications by homeowners applying for electrical permits under section 23.10.160 of this code.

Each receptacle, switch, or other electrical device	\$1.00	
Each lighting fixture.	\$1.00	
Each Smoke/CO detector 120 volt hard wired/interconnected	\$1.00	
Ceiling Fans	\$5.00	
Each electrical box: for switches, receptacles, lights, junctions etc	\$1.00	
Exhaust Fans for Bathrooms and Kitchens	\$5.00	
Appliances or receptacles for same (each)	\$10.00	
Electric Furnace	Gas Furnace	Air Conditioner
Heat Pump	Dryer	Range
Garbage disposal	Dishwasher	Water Heater
Air Compressor	Welder	
Hydro Massage Bathtub	\$35.00	
Electric Space Heating Cable and Mat systems	\$35.00	
Branch or Sub panel (fed from main service)	\$50.00	
Re-inspection Fee (see definition in licensed permit fee schedule)	\$35.00	
Minimum Permit Fee	\$35.00	

The following Fee Schedule shall become effective January 1, 2016.

Before a permit to install, alter, repair, or add to electrical equipment shall be issued, a fee for such permit shall be paid to the City of Lincoln, Department of Building and Safety as set forth below.

There shall be no refunds, credits, or inspections given on any permit which has expired. Any permit that has expired and was not requested to be inspected in accordance with this code will require a new permit to be issued prior to any inspection requests to complete said permit. For residential installations where a permit has been expired and the work was completed by the original applicant, a new permit shall be obtained by either a Licensed Electrical Contractor or the owner of the property to facilitate the inspection of the work done under the original permit. In cases where repair or replacement is necessary for the installation to be deemed code compliant, a Licensed Electrical Contractor shall be utilized. Where a permit is required by this code for said repairs, the Electrical Contractor responsible for these repairs shall obtain the necessary permit. For other permits that have expired and an inspection is required, a new permit reflecting the work to be inspected shall be obtained by a Licensed Electrical Contractor.

All requests for refunds on permits shall be in writing to the Department of Building and Safety. All refunds shall be subject to a \$35.00 processing fee. For partially completed permits, refund amounts shall be calculated by the total fee for items not yet inspected minus the \$35.00 processing fee. For instances where a different contractor is obtained to complete or finish work that was started and permitted by another, the new contractor shall obtain a permit for all work to be inspected.

For existing permits where additional branch circuits need to be applied, these branch circuits may be added by applicants online for the branch circuit amounts. Where supplements to existing permits are applied for by paper application the minimum fee shall be applied as reflected in the fee schedule below.

ELECTRICAL CONTRACTOR FEE SCHEDULE

The following fees shall apply to registered electrical contractors:

Minimum Permit Fee	\$35.00
Branch circuit(s) and/or feeder(s)	\$6.00 ea

For permit applications that contain only branch circuit and/or feeder work, the minimum fee shall include the first two \$6.00 fees that apply to the electrical installation.

The following fees shall apply to applications for Temporary and Permanent service equipment of new, replacement, and repairs for these installations. Temporary services and associated branch circuits shall be applied for separately from all other applications.

0-200 amperes	\$35.00
201-400 amperes	\$50.00
401-800 amperes	\$95.00

For temporary and permanent service equipment over 800 amperes the fee shall be calculated at \$95.00 plus \$25.00 for every 100 amperes or fraction thereof over 800.

Fee for inspection of dormant services for the purpose of restoring power	\$35.00
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Re-Inspection fee	\$50.00 ea
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A re-inspection fee may be assessed for the following:

- Incorrect address on application
- Address not posted on construction site
- No access for inspection
- Work not complete at time of inspection
- Work not in compliance with code
- Multiple inspections required to accommodate construction phasing where the permit fee does not cover the cost of multiple inspection trips. These additional fees shall be calculated as directed by the Chief Electrical Inspector.

Fire Alarm Systems:

Fire alarm control panel(s)	\$35.00 ea
Devices	\$1.00 ea

Where not replacing or installing control panels the number of installed or altered devices shall be used to determine permit fee. Where total number of devices is less than 35 the minimum permit fee shall apply.

Registration fees for State of Nebraska Electrical Licenses and Apprentice Electricians:

State of Nebraska Electrical Apprentice Registration	\$30.00
State of Nebraska Electrical Residential Journeyman	\$50.00
State of Nebraska Electrical Journeyman	\$50.00
State of Nebraska Electrical Contractor	\$250.00
State of Nebraska Fire Alarm Installer	\$100.00

For registration renewals submitted after December 31, of the expiring year, there will be a fifty dollar late fee added to those renewals. For new registrations that are obtained in even numbered years, the registration fee shall be one half of the amounts reflected above.

Non-compliance fees:

Fees for non-compliance shall be in addition to any penalties, fines, or fees prescribed elsewhere in this code. Non-compliance fees may be assessed by the Chief Electrical Inspector for the following:

Journeyman to apprentice ratio (for each employee working onsite)	\$200.00
Expired/Improper registration (per employee out of compliance)	\$200.00
Work done by non-licensed/non-registered persons	\$200.00
Failure to obtain required inspection	\$200.00
Failure to obtain permit	\$200.00

HOMEOWNER FEE SCHEDULE

The following fees shall be used for all electrical applications by Homeowners applying for electrical permits under Section 23.10.160 of this code.

Minimum permit fee	\$35.00
Branch circuit and feeder fees shall be in addition to the minimum fee.	
New, extensions or modifications of branch circuits	\$8.00 ea
Feeder for sub panel	\$20.00 ea
Re-Inspection fee	\$35.00
Owner requested inspection	\$35.00
Inspection of Dormant Service	\$35.00 ea

COST OF APPEAL PROCEDURES - See Section 23.10.120

(Ord. 20255 §26; October 19, 2015 : prior Ord. 19557 §15; June 20, 2011: Ord. 19217 §51; March 9, 2009: Ord. 18012 §23; June 17, 2002: Ord. 17521 § 42; July 6, 1999: Ord. 17049 §52; August 19, 1996: Ord. 16384 §43; June 14, 1993: Ord. 15580 §49; June 4, 1990: Ord. 14228 §52; September 30, 1985).

23.10.530 Electrical Code Task Force Created.

There is hereby created the Electrical Code Task Force which shall advise the Mayor of the suitability of alternate materials and methods of installation and reasonable interpretations of this code; review and recommend changes to this code; and provide such other advisory duties related to this code as may be deemed necessary by the Mayor. Appointments shall be made by the Mayor and shall run for three years each and all terms shall run concurrent with each other. Appointments for vacancies shall run only for the unexpired term. The Mayor may reappoint members as may be deemed appropriate and the Mayor may remove a member at any time. Each member shall serve without pay. Selection of officers, times and places for meetings, and other rules and procedures shall be as directed by the Mayor and set forth in an executive order. (Ord. 19963 §5; December 16, 2013).