

## Chapter 9 Electrical Code

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### Section 9-1. Electrical Code.

There is hereby adopted by reference that code known as the National Electrical Code, 1981 Edition, published and copyrighted by the National Fire Protection Association, three copies of which are on file in the office of the City Recorder, for the purpose of safeguarding persons and property from the hazards arising from the use of electricity, within Grantsville City. The same is hereby referred to and made a par of this Chapter to the same extent and effect as though said Electrical Code was copied herein in full. It is the purpose of the Grantsville City Council in adopting the National Electrical Code, to hereby adopt and ratify any and all amendments and subsequent editions that may from time to time be adopted by the National Fire Protection Association.

### Section 9-2. Electrical inspector; department of inspections, enforcement of article.

The building inspector is hereby declared to be the electrical inspector. The building inspector and department of inspections is hereby authorized and directed to enforce all of the provisions of this article. (R.O. 1955, Section 4-6)

### Section 9-3. Electrical inspector; powers and duties generally.

The Electrical Inspector, or his duly appointed assistants, upon presentation of proper credentials, shall have the right during reasonable hours to enter any building or premises in the discharge of his official hours to enter any building or premises in the discharge of his official duties, or for the purpose of making any inspection,

re-inspection or test of electrical equipment contained therein or its installation in accordance with the provisions of this article. Where any electrical equipment is found by the electrical inspector to be dangerous to persons or property because it is defective or is defectively installed, the person responsible for the electrical equipment shall be notified in writing and shall be required to place such equipment in safe condition. If work is not completed within fifteen days or any longer period that may be specified by the electrical inspector in such notice, the electrical inspector shall have the authority to disconnect or order the disconnection of electrical service to such electrical equipment. In cases of emergency, where in his judgement it is necessary for the safety of persons and property, or where electrical equipment may interfere with the work of the fire department, the electrical inspector shall have the authority to immediately disconnect or cause disconnection of any electrical equipment. The electrical inspector may delegate any of his authority to any of his assistants. (R.O. 1955. Section 4-6).

#### Section 9-4. Electrical inspector; permits; inspections records.

The electrical inspector shall, upon application, issue permits for the installation or alteration of electrical equipment and shall make inspection of electrical installations and equipment as provided in this article.

No alterations or additions shall be made in existing wiring, nor shall any wiring be installed, or any apparatus which generates, transmits, transforms or utilizes any electricity, without first obtaining a permit therefore, except minor repair work as such, repairing flush and snap switches, replacing fuses, changing lamp sockets and receptacles, taping bare joints and repairing drop cords. Application for such permit, describing such permit, describing such work, shall be made in writing and shall conform as far as practicable to the requirements set forth in the building code as to extent of information disclosed. This section shall not apply to installation in powerhouses and substations belonging to electrical light companies. No permit shall be issued to any applicant for a permit during the time that he shall fail to correct any defective electrical installations after he has been duly notified to correct such defective work by the chief of division of electrical inspection. The electrical inspector shall, upon application, issue permits for the installations or alterations of electrical equipment and shall make the inspections of electrical installations and equipment as provided in this article. (R.O. 1955, Section 4-7).

#### Section 9-5. Standards for installation of electrical equipment.

All installations of electrical equipment shall be reasonably safe to persons and property and in conformity with the provisions of this article and the applicable statutes of the State and all rules and regulations issued by authority thereof.

Conformity of installations of electrical equipment with applicable regulations set forth in the National Electrical Code of the National Fire Protection Association, National Electrical Safety Code, or the provisions of other safety codes which have been approved by the American Standards Association, shall be prima facie evidence that such installations are reasonably safe to persons and property.

#### Section 9-6. Standards for electrical equipment installed in city.

All electrical equipment installed or used shall be reasonably safe to persons and

property and in conformity with the applicable statutes of the state and with ordinances, rules, and regulations issued by the city.

Conformity of electrical equipment with applicable standards of Underwriters' Laboratories, Inc., or other recognized standardization testing laboratories acceptable to the board of registration and review, shall be prima facie evidence that such equipment is reasonably safe to persons and property.

This section shall not apply to equipment owned and used by an electrical supply or communication agency in the generation, transmission or distribution of electricity or for the operation of signals or the transmission of intelligence.

#### Section 9-7. Applicants for electrical contractor; permit required; exception.

In accordance with the provisions of this article, no electrical wiring or electrical equipment shall be installed within or on any building, structure or premises publicly or privately owned nor shall any alteration or addition be made to any existing wiring system unless such work is done under the supervision of the holder of an electrical contractor's license issued by the city and unless a permit to perform such work is first applied for and obtain from the city, except as specifically exempt in other parts of this article and except that no license or permit shall be required to execute any of the classes of electrical work specified in the following paragraphs (a) and (d) inclusive.

- a. Minor repair work, the replacement of lamps or fuses or the connection of portable electrical equipment to suitable permanently installed receptacles or to electrical systems or equipment operating at fifty volts amperes at fifty volts.
- b. The installation, alteration or repair of electrical equipment for the operation of signals or the transmission of intelligence.
- c. The installation, alteration or repair of electrical equipment intended by or an electricity supply or communication agency for the use of such agency in the generation, transmission, distribution or metering of electricity.
- d. Any work involved in the manufacturing, testing, servicing, altering or repairing of electrical equipment or apparatus, except that this exemption shall not include any permanent wiring other than that required for testing purposes.

#### Section 9-9. Special owner's permit.

The City Council, or its authorized agent, may issue to an individual a special owner's permit authorizing such individual to install, alter, change or repair electrical wiring or equipment in, on or about a single-family dwelling of which the individual is the owner and in which he resided or intends to reside but not elsewhere; provided, that no electrical work authorized under such special owner's permit shall be done except personally by the owner to whom the permit is issued. Such owner shall not be required to have an electrical contractor's license but shall be subject to all other provisions of this article. The building inspector, in cases of extreme hardship, shall be empowered to waive the regulations regarding personal performance of the work by the owner himself if such action is deemed in the public interest. In any case, all work performance under a special owner's permit shall be subject to the standards of safety and workmanship established by this article and shall be required to pass inspection by the building inspector, or his authorized agent. Any violation of the provisions of this article by the holder of a special owner's permit or failure of such permit holder to install electrical wiring or equipment in accordance with this article shall be cause for cancellation for

the special owner's permit and the holder thereof shall be liable for the penalty hereinafter provided for violation of this article.

Section 9-10. Application for license; by whom license issued.

Licenses shall be issued by the City Recorder after an applicant has been certified by the City Council. The initial application for a license shall include satisfactory proof that the applicant has complied with all of the existing requirements of the laws of the state pertaining to licensing and electrical work and registration of contractors or that he is exempt from such laws.

Section 9-11. Bond to be furnished by applicant for license.

No license shall be issued to any person until that person has first paid the prior license fee hereinafter provided for and until that person has first furnished a good and sufficient bond in the sum of one thousand dollars payable to the city, conditioned upon the faithful performance all work done by authority of the license shall be done in conformity with the requirements of this article and with the rules, regulations and orders of the building inspector or his authorized agent.

Section 9-12. License not transferable; licensee leaving firm; persons licensed elsewhere.

No license shall be transferable and any license issued to a member or employee of a firm, association, partnership or corporation shall become immediately void if the person to whom the license was originally issued is disassociated from the firm, association, partnership or corporation. A licensee licensed in any other city having electrical ordinance requirements, and qualifications of similar effect may, if in the opinion of the City Council, practice in the same manner as other licenses.

Section 9-13. Authority granted by electrical contractor's license.

An electrical contractor's license shall entitle the holder thereof to engage in the business of and to secure permits for the installation, alteration, repair or maintenance of any electrical wiring or equipment.

Section 9-14. License fees; expiration and renewal of license.

The fee to be paid by applicants for licenses under this article shall be as provided by the resolution of the City Council from time to time. Annual renewal fees shall be the same as for the initial license. All licenses shall expire on December 31 in the year in which they are issued and shall be renewed upon written application and payment of the renewal fee within thirty days after the license has expired. All applications for renewal of licenses who submit such renewal applications after the thirty-day grace period has elapsed shall be required to submit such application under the same procedure as is required for an initial license and may be required to take a written examination if deemed necessary by the City Council or its authorized agent.

Section 9-15. Permit required; permit fees; calls for inspections.

It shall be unlawful for nay person to do any construction work upon any building without first having obtained a permit to do so from the superintendent of the building inspector or his authorized agent. Such permit shall be issued upon application and upon the payment of the following fees:

Permit for installation in new construction of buildings with area of 1500 square feet or over

.....\$  
47.00

Permit for installation in new construction for buildings with area under 1500 square

feet.....\$  
47.00

Permit for remodeling existing buildings with area under 1500 square feet

.....\$  
47.00

Each additional 1500 square feet or fraction thereof an extra charge of

.....\$47.00

After permit is issued, the permittee shall call for an inspection by the building

inspector after the electrical work is roughed and shall for other inspections when the work is completed.

Any person failing to call for inspection as herein provided for shall have his license revoked upon notice and hearing.

Section 9-16. Inspection and certificates.

Upon the completion of any installation of electrical equipment or wiring which has been made under a permit, it shall be the duty of the person making the installation to notify the building inspector, or his authorized agent, who shall inspect the installation within twenty-four hours, exclusive of Saturdays, Sundays and holidays, of the time such notice is given as soon thereafter as practical.

Where the building inspector, or his authorized agent, finds the installation to be in conformity with the provision of the article, he shall issue to the person making the installation a certificate of approval with a duplicate copy for delivery to the owner, authorizing the use of the installation and connection to the supply of electricity and shall send written notice of such authorization to the agency supplying the electrical service.

When a certificate of approval is issued authorizing the connection and use of a temporary installation or temporary connection to the permanent service for the use of such service, such certificate shall be issued to expire at a time to be stated therein and shall be revocable by the building inspector, or his authorized agent for cause.

Upon the completion of any installation of electrical equipment or wiring which has been made under a permit, it shall be the duty of the person making the installation to notify the building inspector, or his authorized agent, who shall inspect the installation

within twenty-four hours, exclusive of Saturdays, Sundays and holidays, of the time such notice is given or as soon thereafter as practical.

Where the building inspector, or his authorized agent, finds the installation to be in conformity with the provisions of this article, he shall issue to the person making the installation a certificate of approval with a duplicate copy for delivery to the supply of electricity, and shall send written notice of such authorization to the agency supplying the electrical service.

When a certificate of approval is issued authorizing the connection and use of a temporary installation or temporary connection and use of a temporary installation or temporary use of such service, such certificate shall be issued to expire at the time to be stated therein and shall be revocable by the building inspector, or his authorized agent, for cause.

When any electrical equipment or wiring is to be hidden from view by the permanent placement of parts of the building, the person installing the equipment shall notify the building inspector, or his authorized agent, and such equipment or wiring shall not be concealed until it has been inspected and approved by the inspection, or until twenty-four hours, exclusive of Saturdays, Sundays and holidays, shall have elapsed from the time of the concealment of equipment or wiring proceeds continuously, the person installing the equipment or wiring shall give the building inspector, or his authorized agent, due notice and inspections shall be made periodically during the progress of the work. A final inspection shall be made after completion of all work before a certificate of approval is issued on any job. If upon inspection any installation is found not to be fully in conformity with the provision of this article, the building inspector or his authorized agent, shall at once forward to the person making the installation a written notice stating the defects which have been found to exist.

#### Section 9-17. Connection to installation without certificate.

It shall be unlawful for any person to make connection from a supply of electricity or to supply electricity to any electrical equipment or wiring for which an installation permit is required, or which has been disconnected or ordered to be disconnected by the building inspector, or his authorized agent, until a certificate of approval has been issued by the building inspector, or his authorized agent, authorizing the connection and use of such equipment or wiring.

#### Section 9-18. Liability for damages.

Nothing in this article shall be construed to relieve from or lessen the responsibility or liability of any person owning, operating, controlling or installing any electrical wiring, or equipment for damage to persons or property caused by any defect therein, nor shall the city be held as assuming any such liability by reason of the inspection or the examination authorized herein provided or by reason of the approval of any equipment or wiring authorized therein.

#### Section 9-19. Electrical disturbances.

Electrical installations for signs, equipment of other facilities which create electrical disturbances that cause interference with normal radio or television reception beyond the immediate vicinity of such electrical installations are hereby declared to be a

nuisance. The owners or operators thereof shall so install and maintain such installations as to avoid or eliminate such interference, using all known means and devices for such purpose, such as proper grounding, connections, condensers, resistors and live chokes.

The Building Official shall withhold or withdraw approval of any electrical installations causing the above disturbance and is hereby authorized to take all steps necessary to the abatement of such nuisances.

Section 9-20. Violation.

Any person, firm, or corporation violating any revisions of the National Electric Code shall be deemed guilty of a misdemeanor and each person shall be deemed guilty of a separate offense for each and every day or portion thereof during which any violation of any of the provisions of said code is committed, continued or permitted.

Section 9-21. Minimum Standards for General Wiring.

No person, firm, or corporation shall install or allow to be installed or replace general residential or building wiring that is smaller than Number 12 AWG (American Wire Gauge).

Section 9-22. Standards for Underground Electrical Service.

No person, firm, or corporation shall place underground electrical service to buildings or residences, unless said service is installed in conduit at a minimum depth of 24 inches below the final grade.

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