

ORDINANCE NO. 89

AN ORDINANCE TO BE KNOWN AS THE ELECTRICAL CODE REGULATING AND PROVIDING FOR THE INSTALLATION, MAINTENANCE AND USE OF ELECTRICAL WIRING, DEVICES AND EQUIPMENT; PROVIDING THE MANNER AND WAY IN WHICH ELECTRICAL WORK SHALL BE DONE; THE KIND AND CLASS OF MATERIAL TO BE USED IN SUCH WORK; THE INSPECTION OF ELECTRICAL WORK; SCALE AND FEES FOR SUCH INSPECTION; CREATING THE OFFICE OF ELECTRICAL INSPECTOR; APPOINTMENT OF AN EXAMINING BOARD; PROVIDING FOR THE GRANTING OF LICENSES TO INSTALL, MAINTAIN AND SELL ELECTRIC WIRING, DEVICES AND EQUIPMENT; TO PREVENT INCOMPETENT PERSONS, FIRMS AND CORPORATIONS FROM INSTALLING, MAINTAINING AND SELLING ELECTRIC WIRING, DEVICES AND EQUIPMENT; FIXING A PENALTY OF NOT LESS THAN TEN DOLLARS (\$10.00) NOR MORE THAN (\$100.00) ONE HUNDRED DOLLARS UPON CONVICTION OF THE VIOLATION THEREOF; PROVIDING FOR THE GIVING OF A BOND AND THE COLLECTION OF PENALTIES UNDER SAID BOND FOR VIOLATIONS OF THIS CODE; AND REPEALING ALL FORMER ORDINANCES RELATING THERETO AND IN CONFLICT WITH THE SAID ORDINANCES.

BE IT ORDAINED BY THE TOWN COUNCIL OF THE TOWN OF MILLS, WYOMING, AS FOLLOWS:

CHAPTER I.

TITLE, PURPOSE, REPEAL, CONSTITUTIONALITY, EFFECTIVE DATES AND DEFINITIONS.

I. 1. TITLE. This ordinance shall be known as the "Electrical Code" of the Town of Mills, Wyoming.

I. 2. PURPOSE. The purpose of this Code is the practical safeguarding of persons and of buildings and their contents, from electrical hazards arising from the use of electricity for light, heat, power and for other purposes.

I. 3. REPEAL. From and after the effective date of this Code, all former ordinances relating and in conflict thereto, are hereby repealed.

I. 4. CONSTITUTIONALITY CLAUSE. If any clause, sentence, paragraph, section, article or portion of this Code for any reason shall be adjudged invalid by a court of competent jurisdiction, such judgment shall not affect, impair or invalidate the remainder of this Code, but shall be confined in its operation to the clause, sentence, paragraph, section, article or portion of this code directly involved in the controversy in which judgment was rendered.

I. 5. EFFECTIVE DATE. This code shall become effective on and after ten days, any electrical work for which a permit was obtained before the date on which this Code becomes effective, may be installed and completed in accordance with the laws and regulations therefor which were in effect at the time of issuance of any such permit.

I. 6. DEFINITIONS. Sec. 1. For the purpose of this Code, certain terms, phrases, words, and their derivatives shall be construed as set out in this Chapter. Words used in the singular include the plural and the plural includes the singular. Words used in the masculine gender include the feminine, and the feminine includes the masculine.

Sec. 2. Words used in any regulation or standard of the National Board of Fire Underwriters used as a standard of good practice shall, if defined therein have the meanings assigned them.

Sec. 3. Words relating to buildings and building use, when not otherwise separately defined, shall have meanings which conform to the meanings set out in the Building and Zoning Ordinances of the Town of Mills. Otherwise, they shall have their usual meanings.

Sec. 4. Person shall mean a natural person, his heirs, executors, administrators or assigns, and also includes a firm, partnership or corporation, its or their successors, or assigns, or the agent of any of the aforesaid.

Sec. 5. Conductor shall mean a wire or cable or other form of metal suitable for carrying electric current or potential.

Sec. 6. Equipment shall mean conductors, material, fittings, devices, appliances, fixtures, apparatus, motors, and the like, used as a part of, or in connection with an electrical installation.

Sec. 7. Approved shall mean approved by the office of the Chief Building Inspector.

Sec. 8. The term Electrical Construction shall mean and include all work and materials used in installing, maintaining, or extending a system of electrical wiring and all appurtenances, apparatus or equipment used in connection therewith, inside of or attached to any building, structure, lot or premises.

Sec. 9. The term Electrician shall mean a person who has satisfactorily passed the written examination and practical oral demonstration for a journeyman's license, having completed four (4) years of apprenticeship training or the equivalent.

Sec. 10. The term Electrical Contractor, Grade A, shall mean any person engaged in the business of installing or altering electrical conductors or equipment and having the following qualifications:

1. Four (4) years experience in the electrical construction industry or a degree in engineering. Anyone who does not have this required experience may qualify by

having someone permanently employed who does meet this qualification.

2. Proper financial responsibility as established by one or more bank letters.

3. Character and integrity vouchsafed in five (5) written letters of recommendation from recognized citizens of the community.

CHAPTER 2.
ADMINISTRATION

2. 101. ELECTRICAL INSPECTOR. There is hereby created the office of Electrical Inspector who shall operate under the supervision of the Town Building Inspector.

(a) He shall be a competent electrician of good moral character, having at least four (4) years experience at the trade; or he must have at least two (2) years of experience at the trade and at least two (2) years training in a recognized college of Electrical Engineering, and be well versed in approved methods of electrical construction for safety to persons and property. He is also to be required to pass an examination to be given by the Rocky Mountain Inspection Bureau, or a competent Board of Fire Underwriters.

(b) APPOINTMENT. The Electrical Inspector shall be appointed by the Mayor, by and with the advice and consent of the Town Council. He shall be removed from office for cause only, and shall be granted a full hearing of the Town Council.

2. 102. DUTIES OF INSPECTOR.

(a) INSPECTION. The Electrical Inspector shall make thorough examination of all electrical wiring, equipment and appliances, and supervise the arranging, supporting and stringing of all electric light, power, signal or other wires and the locating of such poles, lines and electric appliances, insofar as necessary to prevent fire, accident, or injury to persons or property. When any such wiring, equipment or appliances are found to be dangerous to life or property, he shall notify the person or firm doing such work, or owning, using, or operating the same, to place them in safe condition within reasonable time as he may specify; and such person failing to comply within such time shall be deemed guilty of violation of this Code.

(b) RE-INSPECTION. He shall also make re-inspections, periodically or at such times as he may deem requisite or fitting of all electric wiring, equipment and appliances.

now installed or that may hereafter be installed within the Town of Mills, and require compliance with this Code under penalty as hereinafter provided.

(c) RIGHT TO DISCONNECT. He is hereby empowered to disconnect or order the discontinuance of electric service to any such wiring, equipment or appliances which he may find to be defective or defectively installed, or installed or used in violation of this Code, and he shall enforce the same until such time as the defect or violation is eliminated; and meanwhile no electric current from any source whatsoever shall be supplied to such defective installation. In case of emergency he may disconnect, or order the disconnection of any wiring where the electric current may be dangerous to life or property, or interfere with the work of the Fire Department.

(d) Shall Keep Records. He shall, with the assistance of the Town Clerk of the Town of Mills, keep complete records of all permits issued and inspections made, and other official work performed under the provisions of this Code.

2. 103 - POWER. (a) The Electrical Inspector shall have the right, during reasonable hours, to enter any building in the discharge of his official duties, or for the purpose of making inspection, re-inspection, or test of the installation of electrical wiring, equipment or appliances contained therein. He is hereby authorized to enforce all provisions of this Code, and for such purpose shall have the power of a police officer.

(b) It shall be unlawful for any person to interfere or attempt to interfere with the Electrical Inspector in the discharge of his duties or to prevent or in any way or manner attempt to prevent him from carrying out the provisions of this Code.

2. 104. IN EVENT OF FIRE -DISCONNECT. Any person, firm or corporation owning or controlling electric wires or appliances for the transmission of light, heat or power, in time of fire wherein lives or property may be endangered by the operation of such wires or apparatus, shall, upon request of the Mayor, the Chief of the Fire Department, or the Electrical Inspector, disconnect such wires as are designated by said officials, during the continuance of such immediate danger.

2. 105 - STANDARDS FOR THE INSTALLATION OF ELECTRICAL EQUIPMENT.

(a) All installations of electrical equipment shall be adequate for the safety of persons and property and in conformity with the provisions of this Code and the applicable statutes of the State of Wyoming, and all orders, rules and regulations issued by authority thereof.

Conformity of installations of electrical equipment with applicable regulations

set forth in the National Electrical Code as approved/^{by}the American Standards Association, shall be prima-facie evidence that such installations are reasonably safe to persons and property. And these shall comply with the current edition of the National Electric Code.

Copies of the National Electrical Code shall be retained in the files of the Town Clerk.

2. 106. -STANDARDS FOR ELECTRICAL EQUIPMENT.

(a) All electrical equipment installed or used shall be adequate for the safety of persons and property and in conformity with the provisions of this Code, any applicable statutes of the State of Wyoming, and any orders rules or regulations issued by authority thereof.

Conformity of electrical equipment with applicable standards of Underwriters Laboratories, Inc., 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.

The Electrical Inspector may ~~is~~ authorized the installation of special equipment.

Current lists of the electrical products approved by the Underwriters Laboratories, Inc., shall be retained in the files of the Town Clerk.

2. 107 - PENALTY. Any person who shall refuse admission to the Electrical Inspector in the performance of his duties, or who shall otherwise violate any provisions of this Code shall, upon conviction, be fined in a sum not less than Ten Dollars (\$10.00) nor more than One Hundred Dollars (\$100.00) for each offense.

2. 108 - BOARD OF EXAMINERS OF ELECTRICIANS. The Board of Examiners of Electricians shall be appointed by the Mayor, with the consent of the Town Council, with power of removal, and shall consist of three (3) members. The Chairman of such Board shall be the Electrical Inspector; one member shall be a qualified licensed journeyman Electrician, and the third member shall be a qualified licensed Electrical Contractor. They shall meet at such times as necessary to examine applicants for license as Journeyman Electricians of the Town of Mills, which duties they shall perform conscientiously and to the best of their ability. However, men may be appointed by the Mayor with the consent and approval of the Town Council to take care of the work which it may be necessary to do pending the issuance of such license.

2. 109 - SEPARATE BOARD OF APPEALS. Including above members of the Examining Board plus a representative of the Power Company and the City Building Inspector.

CHAPTER 3.
LICENSING.

3. 201. PLACE OF BUSINESS AND LICENSE REQUIRED. With the exceptions hereinafter provided, no person, firm or corporation shall engage in the business of installing electrical wires, fixtures, sign boards or similar appliances, illuminated, controlled or operated by electrical current, or appliances in or on any building or premises within the corporate limits of the Town of Mills, (accept central stations, power houses, sub-stations, or railroad shops,) for the purpose of transmitting or utilizing electrical bells, electric signal systems, electrically operated amusement devices other than self-contained or lighting fixtures, or of installing electrical apparatus of any kind, without first establishing a place of business in an approved location, and procuring an Electrical Contractor's license or an Electrical Maintenance License in accordance with this Code.

3-202 EXCEPTIONS. No business licenses shall be required for:

(a) Public Telephones, telegraph and messenger call companies, and the utility furnishing electric service to the Town of Mills, when engaged in the construction or maintenance of their distribution and service lines;

(b) Work involved in the manufacture, test or repair of electrical Materials appliances or equipment, on the manufacturers or dealers premises, exclusive of any permanent wiring not required for testing purposes;

(c) The assembly, erection and connection of electric equipment by the manufacturer or installer thereof, exclusive of any electric wiring not involved in making electrical connections on such equipment itself or between two or more parts thereof.

3. 203. BUSINESS LICENSES. Electrical Contractor's Licenses and Electrical Maintenance Licenses shall be issued by the Town Clerk, upon order of the Electrical Inspector, who may withhold his approval of any application if he shall determine that the applicant is not qualified to engage in such business, or has failed to establish a place of business. Licenses shall be issued in accordance with the provisions of the Town Ordinance.

3. 204. BOND. Every applicant for Electrical Contractor's License or Electrical Maintenance License, before such license is issued, shall furnish a bond to the Town of Mills in the amount of Five Thousand Dollars (\$5,000.00) with surety to be approved by the Town Council, conditioned that all work performed by the licensee will comply with the requirements of this Code; and the Town of Mills, or any person damaged by failure of such licensee to comply with such requirements, may sue in its or his own name and for

its or his own benefit upon said bond.

3.-205 -SHALL NOT PERMIT USE OF NAME. No person, firm or corporation, holding a business license under this Code, shall either directly or indirectly allow his or their name to be used for the purpose of obtaining an installation permit for any other person, firm or corporation.

3. 206. ELECTRICAL CONTRACTOR'S LICENSE. The fee for an electrical Contractor's License shall be Ten and No/100 dollars (\$10.00) for the first year and Ten Dollars (\$10.00) for annual renewal.

3. 207. ELECTRICAL MAINTENANCE LICENSE.

(a) DESCRIPTION. An Electrical Maintenance License shall entitle the holder thereof to undertake the work of maintaining and repairing electrical wiring, appliances, and equipment, provided that the holder of such license regularly employ only licensed journeyman Electricians for such purpose, and provided further that such work shall be confined to premises owned or occupied by the holder of said license, the location of which premises shall be described in such license.

(b) The fee for an Electrical Maintenance License shall be Ten and No/100 Dollars (\$10.00) for the first year, and Ten and No/100 Dollars (\$10.00) for annual renewal.

3. 208. MASTER ELECTRICIAN.

(a) REQUIRED . From and after Sixty days, every person, firm or corporation holding an approved electrical Contractor's License must procure a Master Electricians license for the conduct of such business.

(b) A Master Electrician may be either an owner, foreman or superintendent of an electrical business holding a Contractor's License.

(c) A MASTER ELECTRICIAN'S LICENSE shall be issued to an applicant who shows proper qualifications by examination and/or experience or in accordance with Chapter numbers.

3 - 211 and 3- 214 (a)

(d) An applicant who for the last year preceeding the adoption of these revised electrical ordinances has been engaged in the licensed electrical contracting business in the Town of Mills as owner, foreman or superintendent and can qualify for examination and/or experience, shall be issued a Master Electricians License upon recommendation of the Electrical Examining Board.

(e) FEE. The license fee for a Master Electrician shall be Ten Dollars (\$10.00) for the first year and Ten Dollars (\$10.00) for annual renewal.

3 -209 - JOURNEYMAN ELECTRICIAN LICENSE.

(a) REQUIRED. From and after thirty days after ordinance is passed, no person shall engage in the actual work of installing, maintaining, altering or repairing any electrical wiring, appliance or equipment, as set forth in 30201, unless he is currently licensed Journeyman Electrician of the Town of Mills, provided, however, that no such license shall be required for the employees of such utilities or companies excepted in 3-202 when engaged in the work referred to, for their respective employers. Every such Journeyman Electrician shall be in possession of his license at all times, while he is engaged in any electrical work within this Town.

(b) FEE. The license fee for a Journeyman Electrician shall be Ten Dollars (\$10.00) for the first year of operation in the Town of Mills and Ten Dollars (\$10.00) for annual renewal.

3 -210 APPRENTICE ELECTRICIAN. Any licensed electrical contractor may employ Apprentice Electricians to assist Master or Journeyman Electricians. Such apprentice shall not be required to pass any examination, but shall be registered with the Electrical Inspector and shall work in the presence of and under the immediate supervision of a Master or Journeyman Electrician. The Electrical Inspector shall have the power to suspend or revoke any apprentice registration for cause.

3 - 211 - EXAMINATION. The Town Clerk, upon application to him for a "new" license, hereunder, shall forthwith notify the Board of Examiners of Electricians thereof. Such an applicant shall present satisfactory evidence of training and experience to qualify for examination. Thereupon said Board shall examine such applicant at such time and place as it shall designate as to his knowledge of the rules and regulations for the installation of electric wiring, appliances and equipment, as set forth in the Code of the Town of Mills, and the National Electric Code. The examination shall be practical in character and sufficiently strict to test the applicants general qualifications and fitness for executing such work. The Board shall notify the Town Clerk in writing, of the result of each examination; and no license shall be issued unless and until the applicant shall pass such examination with a grade of seventy-five percent (75%) or more.

3 - 212 - EXAMINATION FEE. Every person taking examination or re-examination for Journeyman Electrician's License shall first pay to the Town Treasurer an examination fee of Ten Dollars (\$10.00) which shall apply on license if granted.

3 - 213 - RE-EXAMINATION. Upon failure to pass a Journeyman Electrician Examination, an

one
applicant may appear for re-examination after the expiration of ~~one~~ months, upon payment of another examination fee.

3 - 214 - WHEN EXAMINATION NOT REQUIRED.

(a) Any Journeyman Electrician coming to Mills from another City, who shall produce credentials showing him to be an accredited Journeyman Electrician shall, upon the approval of such credentials by the Electrical Inspector and the Examining Board, be excused from the examination herein required, and a license may be issued to him upon payment of the required initial license fee.

(b) Each Journeyman Electrician, Master Electrician or Electrical Contractor of the Town of Mills in good standing and engaged in such work on the effective date of this Code, may procure a license without examination, upon payment of a renewal license fee, provided application therefor is made before _____.

3.215 - REVOCATION OF LICENSE. The Town Council on the recommendation of the Examining Board, may revoke any license granted hereunder, in accordance with Ordinance 67 - 67a if the licensee violated any ordinance relating to electrical work or negligently or wilfully installs electrical construction or equipment which is a hazard to life or property.

3 - 216 - PENALTY. Any person, firm or corporation who shall violate or fail to comply with any provision of this Code shall, upon conviction, be fined in a sum not less than Ten Dollars (\$10.00) nor more than One Hundred Dollars (\$100.00) for each offense; and each day any such violation exists shall constitute a separate offense.

CHAPTER 4.

PERMITS, FEES, WIRING REQUIREMENTS AND INSPECTION

~~4 - 301~~ 4 - 301 - PENALTY REQUIRED. With the exceptions hereinafter provided, no person shall undertake to perform any work of installing any electric wiring, appliances or equipment whether permanent or temporary, within or on any structure or premises, nor make any alteration, addition or repair to any such existing wiring or equipment without first securing a permit therefor from the Building Inspector.

4 - 302 - EXCEPTIONS. No permit shall be required in order to perform the following work:

(a) Minor repair work, the replacement of lamps or fuses, or the connection of portable devices to suitable receptacles which have been permanently installed.

(b) The installation, alteration or repair of wiring, appliances or equipment for public telephones, telegraph or messenger call companies, or for the utility furnishing electric

current to the Town of Mills.

(c) Any work involved in the manufacture, test or repair of electrical materials, appliances or apparatus, exclusive of any permanent wiring not required for test purposes.

(d) The assembly, erection and connection of electric equipment by the manufacturer or installer thereof, exclusive of any electric wiring not involved in making electrical connections on the equipment itself or between two or more parts thereof.

4 - 303 - POINT OF ATTACHMENT - CLEARANCES.

(a) The point of attachment of service loops should be so located that satisfactory clearances from trees, awnings, foreign wires, adjacent building, etc., can be obtained. Where the point of building attachment is within fifty feet of that property line, adjacent to the pole from which the loop is to be run, such point shall be between twelve and eighteen feet above ground. If the point of building attachment is more than fifty feet from such property line, this point may be lower than twelve feet, but not less than ten feet, except when the form of the building will not permit placing the attachment ten feet or more above the ground, the attachment may be less than ten feet provided all other clearances are obtained and all conductors and connections within eight feet of the ground are properly insulated.

4 - 304 WHO MAY SECURE PERMITS. Permits for the installation, alteration, addition or repair of electric wiring, devices or equipment shall be issued only to the following:

(a) Any person, firm or corporation, holding a current Electrical Contractor's License, or Electrical Maintenance License, of the Town of Mills.

304-A. For the performance of casual installation or repair work which on any one structure or on any one property is of such nature that the aggregate cost for materials and labor does not exceed in the amount the sum of \$500.00 and pending the qualification and licensing hereunder of one or more electrical contractors, electrical maintenance licensees, master electricians, journeyman electricians, and apprentice electricians, the Electrical Inspector may issue permits as required by Section 4 - 301 to any person, firm or corporation holding a currently valid electrical contractor's license or electrical maintenance license of the City of Casper, Natrona County, Wyoming.

4 - 304 - Ab) may sanction under special and temporary dispensation the performance of the work described in such permit by a master electrician or journeyman electrician holding a currently valid license or licenses as such issued by the proper authority of the City of Casper, Natrona County, Wyoming.

(b) HOME OWNER. A permit to perform electrical work in or about his own home may be issued to an owner, provided that all work thereunder shall be done with his own hands and is done in a one family dwelling which is occupied or to be occupied by no one except

his own family. The Electrical Inspector, however, shall not issue such permit unless the person who is to perform the work be named in the permit and appear before the ~~Inspector~~ Inspector and show by answering such questions as may be asked by the Inspector or otherwise, that he has sufficient knowledge of the matter to properly perform such work. If it is apparent, from the inspection of the work performed, that an owner is not competent nor qualified to do the work under any permit issued to him the inspector may require such portion of the work that is in violation of this Code to be changed, altered or repaired by a licensed contractor.

4 - 305 - PERMIT REFUSED. The Electrical Inspector shall have and is hereby given authority to refuse to issue a permit for any additions or extensions to any existing electrical wiring in or on any building where, in his estimation, the existing or proposed wiring is not in accordance with the provisions of this Code, for safety to life and property.

4 - 306 - FILING OF WIRING PLANS AND SPECIFICATIONS. Before issuing a permit the Electrical Inspector may, if he deems it necessary, require from the applicant a set of plans and specifications detailing the proposed installation, to determine that the electrical Code will be complied with. Plans and specifications may be amended by the Electrical Inspector if necessary to insure compliance with the Code in B - 304.

4 - 307 - FEES FOR PERMITS AND INSPECTIONS.

(a) Before any permit is granted for the installation, alteration or repair of electric wiring, appliances or equipment, the applicant for such permit shall pay to the Chief Building Inspector a fee or fees as hereinafter prescribed:

(b) When the exact amount of work to be done under any permit cannot be definitely determined at the time application for permit is made, the electrical inspector may issue a partial or working permit.

(c) For the inspection of electrical installation for which no fee is herein prescribed, payment shall be made for the time actually consumed by the inspector in making such inspections at the rate of \$2.00 per hour for the first hour, or part thereof, and \$1.00 for each additional hour, or part thereof.

(d) The permit for any work for which an electrical permit is required shall be applied for prior to the time the work is started. In the event of violation the fee assessed when permit is issued shall be double the regular fee stated herein (but not less than \$2.00). Payment of such increased fee shall in no way relieve any person required to

obtain a permit from the penalties prescribed for a violation of this Code.

(e) Minimum fee (except as stated in paragraph (a) of Chapter 4 - 305).....\$1.00

(f) Outlets 1 to 10.....ea .20
Over 10.....ea .10

(g) Motors - One HP or less.....ea .50

Each successive Nine HP (same Motor).....Per HP .25
 All over 10 HP.....Per HP .15
 Where more than one motor is used in the operation of a
 single machine the total HP shall be combined for computing permit fees.

- (h) Oil Burners (wiring motor and controls).....EA 1.50
- Stokers (wiring motor and controls)....." 1.50
- Forced air heating and/or cooling systems, wiring motor and controls..... 1.50

NOTE. Motors used on equipment listed in paragraph N Chapter 4-307,
 shall be excluded from motor fees as prescribed in paragraph (g) Chapter 4 - 307.

- (i) Fixtures, Incandescent, 1 to 10 inclusive.....1.00
- Over.....each .10
- Fixtures, Fluorescent (Residential) same as Incandescent Fixtures,
 Fluorescent, (Commercial) Industrial or Offices) the first one " .50
- All over one....." .20

NOTE. Any type of lampholder is considered a fixture.

For the installation of each cord drop or lampholder counted
 directly on an outlet box cover the permit fee shall be \$0.05.

On exposed work where both wiring (rough in) and cord drops or
 lampholders may be inspected at one time no fixture permit fees
 will be required.

- (j) For fluorescent lighting installations employing wiring channels (not
 hung from fixture outlets) the permit fee shall be \$0.05 per lineal foot
 of channel (Fees shall be taken to the nearest five cents.)

- (k) Service entrance: including service conductors and conduit, meter
 cabinet, main switch or breaker, ground and over-current
 protective devices.

Rated 30-60 Amperes.....Each 1.00
 Rated 61-200 Amperes....." 2.00
 Rated 201-400 Amperes....." 3.00
 Rated over 400 Amperes....." 4.00

For change of existing service entrance installations the
 permit fees shall be one-half the prescribed fee of the new
 or original installation.

- (l) Electric Water Heater.....Each 1.50
- Electric Range....." 1.50
- Service entrance and other permit fees which might be applicable
 are excluded for installation of electric ranges and water heaters.

- (m) Re-inspection..... 1.00
- Re-inspection fees shall apply when faulty work is
 found at the time of a regular inspection and an
 additional re-inspection is required.

- (n) Neon Signs (exterior) one sign including first transformer
 transformer.....Ea 2.00
- Additional transformers.....Ea .50
- Incandescent signs (exterior) 25 lights or less.....Ea 1.00
- Additional lights over 25.....Ea .02
- Neon signs (interior) including outline, display, and strip
 lighting - one sign including the first transformer.....Ea 1.00
- Additional transformers over one.....Ea .50

NOTE. Building permit fees for exterior signs as specified
 in Art. 25-105 (a) are in addition to electrical permit fees.

- (o) For alterations and/or additions to electrical wiring and equipment
 where no permit fees are prescribed in Ar. 27-307, Para.
 F to N inclusive, the following permit fees based on the cost
 of such alterations and/or additions shall be paid.

Total Cost \$1.00 to \$50.00.....Permit Fee 1.00
 Total Cost not over \$100.00....." " 1.50
 Total Cost over \$100.00....." " 2.00

- (p) Fee for electrically operated, self-contained amusement devices
 where any wiring is required.....1.00

CHAPTER 5. WIRING REQUIREMENTS. All electrical materials and equipment and methods of
 installation thereof shall be in conformity with provisions of this Code together with

specific standards and regulations as herein set forth. Where any specific standards

and regulations are in conflict with provisions of this Code as to material or manner of installation, these specific standards and regulations shall supersede such conflicting provisions.

CHAPTER 6 SERVICE ENTRANCE. (a) LOCATION. The service entrance shall be located at a point on the building most convenient for connection to the Electric Utility Company service drop, with due regard for the desirability of avoiding the crossing of adjacent property or running upon wire construction over the roof of any building. The Contractor shall secure from the Electric Utility Company the location at which services are to be brought out of building. In case there is a controversy as to the location of the service entrance, such controversy shall be decided by the Electrical Inspector after consultation with the Electric Utility Company. The distance between service entrances for light and power shall not be greater than four feet.

(b) RACEWAYS. All service entrance wires installed for buildings located within the corporate limits of the city shall be in approved rigid conduit and shall be continuous without pull or junction box with the exception that an underground service continuing in conduit from the terminal box to the interior meter box or disconnecting device. The Minimum size for service entrance conduit shall be one inch unless other approved by the electrical Inspector.

(c) CONDUCTOR. Service entrance conductors shall not be smaller than No. 6 B&S gauge and a minimum of three conductors shall be installed for all entrance services unless otherwise approved by the Electrical Inspector all service entrance conductors shall be of sufficient size to have adequate current carrying capacity to safely conduct the current for the loads supplied. Above ground service entrance conductors shall be rubber or thermoplastic insulated. Underground service entrance conductors shall have an approved insulation for the type of installation involved. In places where the service conductors are subject to heat of over 140 degrees F., even though the conduit is concealed, the conductors must have a slow burning insulation.

CHAPTER 7 METERS (a) TYPE. The method and type of metering shall be determined by the Electric Utility Company furnishing the meters.

(b) OUTDOOR LOCATION. Meters shall be placed in outdoor meter housings or sockets furnished by the Electric Utility Company and installed by the Electrical Contractor on the outside of the building on all new or replacements of existing installations. The outdoor meter enclosure shall be installed in a readily accessible place not higher than six feet to the center of the glass nor lower than five feet from the ground and

securely fastened to the wall with brass or galvanized screws or bolts. Meter boxes installed on buildings shall not overhang the adjoining properties or be installed on a wall which is less than three feet from the adjoining property line.

(c) INDOOR LOCATION. Meters shall be installed in a readily accessible place not higher than six feet or lower than five feet from the floor. The Electrical Contractor shall furnish instrument transformer cabinets and meter cabinets when required. Cabinets shall be suitable as specified by and acceptable to the Electric Utility Company. Meter sequence cabinets when used shall be furnished by the Electric Utility Company and installed by the Electrical Contractor.

(d) METER CONNECTIONS. All meters and instrument transformers shall be connected on the line side of the service switch and/or distribution panel except on buildings of multiple occupancy where over six individual meters are installed on subfeeders supplied from one service they shall be controlled by a single main service switch or circuit breaker.

CHAPTER 6. SERVICE DISCONNECT EQUIPMENT (a) LOCATION. The service disconnect and over-current protection equipment shall be located in a readily accessible place as near as possible to the point where the service conduit enters the building but in no place where it will be over fifteen feet from point of service entrance without special permission of the Electrical Inspector. Service disconnect equipment and meters shall not be installed in bathrooms, toilet rooms, bedrooms, closets, cellars, attics and where practicable not within six feet of any accessible water or gas pipe. Service switches or circuit breakers shall be installed so that the operating handle will not be less than five feet or higher than six feet from the floor. An unbroken space or platform at least two feet square must be directly under every service switch and distribution cabinet and in no case shall they be installed over stair steps.

(b) TYPE. The service disconnect equipment may serve as both the disconnect means and over-current device by the use of approved fused switches or circuit breakers providing; the service disconnect means may consist of one or more switches or circuit breakers, but not more than six switches or circuit breakers shall be used as the disconnect means for one set of service entrance conductors. If the service supplies more than six feeders or branch circuits through any type of switches or circuit breakers, a single main service switch or circuit breaker must be provided.

(c) OVERCURRENT PROTECTION CAPACITY. The over-current device shall have a rating or setting

not in excess of the current carrying capacity of the circuit conductors with exceptions as specified in the National Electric Code.

CHAPTER 9. FEEDER CONDUCTORS. Feeder sizes shall be determined by the sum of all loads to be supplied by the feeder after any permissible demand factor has been applied as specified by the National Electric Code.

CHAPTER 10. BRANCH CIRCUITS (a) CLASSIFICATION. Branch circuits other than circuits required for special purposes as specified in the National Electric Code shall be classified in accordance with the maximum permitted rating or setting of the over-current device protecting the circuit.

(b) CONDUCTORS. The conductors of branch circuits shall not be smaller than No. 12 and shall have a current-carrying capacity not less than the rating of the circuit providing voltage drops do not exceed 2%.

(c) PERMISSIBLE LOAD. The total load on any branch circuit shall not exceed 80 percent of the rating of the circuit if the circuit supplies any motor operated appliances. Circuits of 15 or 20 Ampere rating may supply lighting units, appliances or both except as hereafter specified for dwelling occupancies. The sum of the rating of fixed appliances supplied by one of these circuits shall not exceed 50 percent of the rating of the circuits, and the rating of any one portable appliance connected to the circuit shall not exceed 80 per cent of the rating of the circuit. Other circuits in ratings up to 50 Amperes may supply fixed lighting units in other than dwelling occupancies, or appliances (fixed and portable) in any occupancy.

(d) BRANCH CIRCUITS REQUIRED. Branch circuits for general illumination shall be computed for a load of not less than the "watts per square foot" and the percentage demand factor as specified in the National Electric Code. Receptacle outlets other than dwelling occupancy for general use shall be considered as representing a load of 1 1/2 Amperes per outlet, in addition to the general illumination load; and branch circuit, service and feeder capacity must be provided on this basis. The minimum unit loads for general illumination shall be increased for computing requirements where the maximum loads of branch circuits will continue for long periods of time, such as store lighting and similar loads.

CHAPTER 11. DWELLINGS, GENERAL REQUIREMENTS.

(a) All wiring for light, heat or power in single, duplex or multiple family dwellings hereafter erected, and all additions thereto within the corporate limits of the City of Casper shall be installed in rigid conduit, or electrical metallic tubing; However,

installations in approved non-metallic sheath cable may be made in single family dwellings, outside of the fire zone as specified by the Town Council.

(b) For conversion or remodeling of areas in one, two, or multiple family dwellings located in the Fire Zone and in two and multiple family dwellings located out of the Fire Zone where the installation of rigid conduit, or electrical metallic tubing is not practicable, approved metal moulding or approved flexible metallic conduit (Greenfield) will be permitted where not exposed to moisture.

(c) Receptacle outlets supplied from 15 Ampere branch circuits shall be installed in every living room, bedroom, parlor, library, den, sun room, dining room and reception room. Outlets shall be placed so that no point along the floor line at any usable wall space, unbroken by a doorway, is more than seven feet, as measured horizontally, from an outlet. Wall spaces less than 3 feet are not to be considered. In living room, dining room, bedroom and recreation room, at least one outlet shall be provided for each usable wall space (not less than four receptacle outlets per room.)

(d) A receptacle outlet shall be installed in every bathroom not lower than 5 feet above the floor. Receptacle outlets in lighting fixtures will not be permitted.

(e) A receptacle outlet shall be installed in every garage.

(f) At least one appliance receptacle outlet shall be installed for the connection of laundry appliances.

(g) Electrically operated or controlled heating plants, of over 100 watts capacity, shall be wired direct from distribution panel and on a separate circuit.

(h) A light outlet shall be so placed as to illuminate the front of every furnace or heating boiler, and may be connected to the heating plant circuit.

(i) All bathroom, kitchen, basement and private garage fixtures shall be controlled by wall switches except the heating plant light if connected to the heating plant circuit.

(j) Pendant Cord plug-in receptacles will not be permitted.

(k) All bell ringing and heating control transformers must be placed with primaries in metal boxes and shall be located in accessible space.

CHAPTER 12. WIRING DESIGN AND PROTECTION. (a) All electric wiring, including additions, extensions or changed in existing wiring, hereafter installed for transmission of light heat, power and other purposes in or on all buildings located within the corporate limits of the Town of Mills shall be in approved rigid galvanized conduit, electrical metallic tubing or metal moulding with the exceptions as specified in Chapter 11.

(b) Flexible metal conduit may be used for finished work where it is impractical to use

rigid conduit or electrical metallic tubing and other work as approved in the National Electric Code.

(c) Each unit of two or more family dwellings and apartment houses, whether metered separate or not, shall be wired on a separate feed with no unit depending on other than its own over-current devices for service, and each feed shall be in a separate conduit or raceway.

(d) Grounding requirements shall comply with the provisions of the National Electric Code.

(e) If changes are made in, or additions are made to wiring already installed, to such extent that the added or changed wiring constitutes more than 50% of the total wiring, the Electrical Inspector shall order the entire installation to conform to the requirements of this Code.

CHAPTER 13. SIGNS AND OUTLINE LIGHTING. (a) All signs and outlinings (other than portable) shall have an externally operable disconnecting means, suitable for the purpose, at or near and in sight of the sign or outlining. Cord and plug will not be permitted for use in connecting any signs or outlining other than portable signs or outlining. When time switches are used with signs, marquees, outlining and billboards, they shall not be the sole disconnecting means and shall always be placed ahead, or on the line side, of all switches except the service switch.

CHAPTER 14. GENERAL RULES. (a) All steam fittings, furnace work, gas fittings, and telephone, telegraph and signal wiring, which are to be concealed must be installed before the electric wiring is completed; and no wiring shall be considered as completed until the said work is in place.

(b) When any part of a wiring installation is to be hidden from view by the permanent placement of parts of the building, the permittee shall notify the Electrical Inspector, and such parts of the wiring installation shall not be concealed until they have been inspected and approved by the Electrical Inspector.

(c) On large installations where the concealment of parts of the wiring proceeds continuously, the permittee shall give the Electrical Inspector the notice, and inspections shall be made periodically during the process of the work.

(d) In no case shall any wiring be in position to interfere with the completion of the building as called for by the plans; and the wiring contractor shall immediately remedy any such defect.

(e) Upon the completion of the work which has been authorized by any permit, it shall be the duty of the permittee to notify the Electrical Inspector, who shall inspect such

installation within forty eight (48) hours (exclusive of Saturdays, Sundays and holidays of the time notice is given.

(f) Except as otherwise hereinafter provided, it shall be unlawful for any person, firm, corporation or utility to make or permit connection to any electrical installation for which permit is required, or to supply current to same, until the Electrical Inspector's label of approval has been attached to or near the service cabinet.

(g) The Electrical Inspector may, in his discretion, issue a temporary permit, authorizing the connection and use of temporary work, prior to the completion of a permanent installation. Such permit shall expire upon the completion of a permanent installation, but may be sooner revoked by the Electrical Inspector, for cause. No charge shall be made for such temporary permit.

(h) To authorize the connection and use of certain specific portions of an incompleated installation, the Electrical Inspector may give preliminary approval thereof, with power of revocation upon completion of the permanent installation, or sooner for cause.

(i) Upon inspecting any electric wiring or work, the Electrical Inspector shall leave a notice in the form of a label, attached to or near the service cabinet. This notice shall clearly state whether the work is approved or is to be kept open for correction; and no workman shall lath, seal or in any manner conceal any electric wiring, until the same has been fully approved by said Inspector.

(j) If, upon inspection, any installation is found not to fully conform with the provisions of this ordinance, the Electrical Inspector shall at once notify the permittee of the defects which have been found to exist, allowing a reasonable time for compliance with the requirements; and the said permittee shall pay to the City Building Inspector a fee for re-inspection as hereinbefore provided.

CHAPTER 15. APPEAL. If the Electrical Inspector shall condemn all or part of the electrical work in or on any building or structure, the licensee or his agent or attorney may, within five (5) days after receiving notice from the Electrical Inspector, file a petition in writing, for review of said action of the Electrical Inspector, with the Town Building Inspector. Upon receipt of such notice, the Town Building Inspector shall at once proceed to determine whether said electrical construction complies with this ordinance, and shall, within three (3) days make a decision in accordance with his findings. Any person, firm or corporation shall have the right to appeal from the action of the Town Building Inspector, to the Town Council, either in the matter of granting a license or in the matter of condemnation of electrical work.

CHAPTER 16. PERMITS TO BE WITHHELD FOR DEFECTIVE WORK.

Any permittee, upon receiving notice from the Electrical Inspector, that his work or any part thereof is defective, shall promptly correct any such defect or defects; and he shall be denied any further permits until such defects shall have been corrected.

CHAPTER 17. LIABILITY FOR DAMAGES.

This ordinance shall not be construed to relieve from or lessen the responsibility of any person, firm or corporation, owning, operating or installing any electrical wires, material, appliances or equipment, for damage to anyone injured by any defect herein, nor shall the Town of Mills, or any agent thereof, be held as assuming any such liability by reason of the inspection authorized herein, or the label of inspection or approval issued by the Electrical Inspector.

CHAPTER 18. PENALTY.

Any person, firm or corporation, who shall violate any of the provisions of this ordinance, or who shall refuse to allow any inspection as herein required, or who shall prevent or interfere with the Electrical Inspector or any of his assistants, in the discharge of their duties under this Ordinance, shall, upon conviction, be fined not less than Ten Dollars (\$10.00) nor more than One Hundred Dollars (\$100.00) for each offense, and each day that any such violation exists shall constitute a separate offense.

CHAPTER 19. That this ordinance is to take effect and be in full force after ten days posting.

Passed and Approved this 7th day of June, 1950.

(Signed)

[Signature]
MAYOR

(Seal)

(Signed)

Lois A. Maurer
TOWN CLERK

I, Lois A. Maurer, Town Clerk of the Town of Mills, Wyoming, do hereby certify

that the foregoing is a true and correct copy of Ordinance Number Eighty-Nine, entitled: "AN ORDINANCE TO BE KNOWN AS THE ELECTRICAL CODE-Etc", approved and passed by the Town Council of the Town of Mills, at a regular meeting thereof, held on the Seventh day of June, 1950, and that the ayes and nays were taken and entered upon the Journal of the meeting of the said Town Council.

(Signed)

Lois A. Maurer
TOWN CLERK

I, the undersigned, regularly appointed and qualified Town Clerk of the Town of Mills, Wyoming, and acting in that capacity, do hereby certify that signed, attested, sealed and certified copies of this Ordinance Number Eighty-Nine, approved and passed as certified above and effective as provided in Chapter 19 thereof, were nevertheless by me posted up for a period of ten days within the Town of Mills as provided by law.

(Signed)

Lois A. Maurer