

CITY OF GRAPEVINE
Chapter 7, Buildings and Construction,
Article III, Electrical Code

ARTICLE III. ELECTRICAL CODE

DIVISION 1. GENERALLY

Sec. 7-30. Definitions.

For the purposes of this article, hereinafter referred to as the electrical code or this code, the following terms, phrases, words, and their derivatives shall be construed as set out in this section:

Approved: Acceptable to the building inspection division and/or the electrical board of appeals of the city.

Authorized person: Any person, as defined in section 1-5, registered or licensed under the provisions of this code to do work as permitted under the specific provisions of this code.

Buildings, building use: Words relating to buildings and building use, when not otherwise separately defined, shall have meanings which conform to the meanings set out in the zoning ordinance of the city; otherwise, they shall have their usual dictionary meanings.

City: The territory within the corporate limits of the city, or the legally constituted governing body thereof, its agents and its officers.

Conductor: A wire or cable or other form of metal suitable for carrying electric current or potential.

Electrical apprentice: Any person who has been issued a license from the State of Texas as an electrical apprentice as provided for by state law.

Electrical construction: 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 or outside of or attached to any building, structure, lot or premises.

Electrical contractor: Any person who has been issued a license from the State of Texas as an electrical contractor as provided for by state law.

Electrical sign contractor: Any person who has been issued a license from the State of Texas as an electrical sign contractor as provided for by state law.

Electrician: Any person who is engaged in the trade or business of electrical construction and who is qualified under the terms and provisions of this code.

Elevator contractor: Any person as defined in section 1-5, engaged in the business of servicing, maintaining, installing, or altering the electrical conductors and equipment used to operate, limit or control electrically operated elevators. It shall include any authorized person, whether actually doing electrical elevator work or not and any authorized person who subcontracts to do such work, but does not include bona fide employees employed by such contractor to do or supervise such work.

Equipment: Conductors, material, fittings, devices, radio sets, television sets, appliances, fixtures, apparatus, motors and the like, used as a part of or in connection with an electrical installation.

Inspector: Any individual employed by the city as an electrical inspector.

Journeyman electrician: Any person who has been issued a license from the State of Texas as a journeyman electrician as provided for by state law.

Journeyman sign electrician: Any person who has been issued a license from the State of Texas as a journeyman sign electrician as provided for by state law.

Maintenance electrician: Any person who has been issued a license from the State of Texas as a maintenance electrician as provided for by state law.

Master electrician: Any person who has been issued a license from the State of Texas as a master electrician as provided for by state law.

Master sign electrician: Any person who has been issued a license from the State of Texas as a master sign electrician as provided for by state law.

N.F.P.A. standard: Words used in the National Fire Protection Association Standard for Electrical Practice shall, if defined therein, have the meanings assigned them.

Qualified person: One familiar with the construction and operation of the apparatus and the hazard involved and one who has satisfactorily passed an examination of the electrical board.

Registered: When used with the words electrical, contractor, electrician, or the like shall mean that the person has made application to the building

inspection division and has satisfied the building official that he/she is qualified to do the work stated in the application, that he/she has paid the necessary registration fees to date, been issued a license, or has in his/her employ a licensed master electrician and that his/her name is carried in the records of the building inspection division office as a person authorized to do electrical work for which he/she is registered as defined in this code.

Residential wireman: Any person who has been issued a license from the State of Texas as a residential wireman as provided for by state law.

Special permission: Written consent of the building inspection division of the city.

Specialist electrician: Any person who has been issued a license from the State of Texas as a specialist electrician as provided for by state law. (Ord. No. 72-1, §§ 201-1, 201-20, 1-4-72; Ord. No. 94-21, § 1, 3-1-94; Ord. No. 2005-15, § 3, 3-1-05)

Sec. 7-31. 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, radio, television, signaling and for all other purposes.

(Ord. No. 72-1, § 101-2, 1-4-72)

Sec. 7-32. Scope--Generally.

- (a) The provisions of this code shall apply to all installations of, and work done on, electrical conductors, fittings, devices, motors, appliances, fixtures and apparatus, hereinafter referred to as "electrical equipment," within or on public and private buildings and premises, with exceptions as provided herein.
- (b) On all installations of electrical conductors or equipment hereafter made on all existing installations which are altered, all work shall be done in a manner that will conform with the requirements for a sufficient and safe electrical system as hereinafter described.
- (c) Repair and maintenance work shall be such that if any electrical conductors or equipment are removed and later replaced they shall be replaced in a manner which conforms with this code.
- (d) All electrical work shall be done by competent persons working under the authority of permits and proper licenses as provided by this code.

- (e) Conflicts: When there arises or exists a conflict between this article and state law, the most restrictive shall prevail. When there arises or exists a conflict between provisions of this article, or between this article and other codes or ordinances adopted by the city, the most restrictive shall apply.

(Ord. No. 72-1, § 101-3, 1-4-72; Ord. No. 2005-15, § 3, 3-1-05)

Cross references: Sign standards, App. A, § 9.

Sec. 7-33. Same--Applicability to public utilities.

The provisions of this code shall not apply to installations used by electricity supply, electric railway or communication agencies in the generation, transmission, or distribution of electricity or for the operation of street, railways, signals or the transmission of intelligence when located within or on buildings or premises used exclusively by such an agency, provided, however, that such agencies excepted are operating under a franchise agreement with the city.

(Ord. No. 72-1, § 101-4, 1-4-72)

Sec. 7-34. Same--Applicability to radio and television stations.

The provisions of this code shall apply to all electrical equipment used for power supply to radio and television transmitting equipment, but shall not apply to other equipment used for radio and television transmission.

(Ord. No. 72-1, § 101-5, 1-4-72)

Sec. 7-35. Same--Applicability to federal government, state, county, city and school district buildings and premises.

Buildings and premises owned and occupied by the federal government, state, county, and city shall be subject to the provisions of this code, but they shall be exempt from the payment of permit fees. This exemption shall be claimed in writing in each instance. School districts shall be required to remit only 25 percent of the current fee schedule.

(Ord. No. 72-1, § 101-6, 1-4-72; Ord. No. 94-21, § 1, 3-1-94)

Sec. 7-36. Responsibility for safe work, nonliability of city.

This code shall not be construed to relieve or lessen the responsibility of liability of any party owning, operating, constructing, or installing any electrical equipment for damages to person or property caused by any defect therein, nor

shall the city be held as assuming any such liability by reason of the inspection or reinspection authorized herein or the certificate of approval and disapproval of any equipment authorized herein.

(Ord. No. 72-1, § 101-7, 1-4-72)

Sec. 7-37. Energizing customer's service entrance conductors.

Only authorized employees of the authorized electrical suppliers will be permitted to make the initial connection which will energize the customer's service entrance conductors.

(Ord. No. 72-1, § 101-8, 1-4-72)

Sec. 7-38. Electrical inspectors--Qualifications of chief electrical inspector.

- (a) The building official may act in lieu of the chief electrical inspector.
- (b) The chief electrical inspector or any one acting as such, shall be of good moral character, shall be possessed of such executive ability as is a requisite for the performance of his duties, and shall have a thorough knowledge of the standard materials and methods used in the installation of electrical equipment, shall be well versed in approved methods of construction for safety to persons and property, the statutes of the state relating to electrical work, and any order, rule and regulations issued by the authority thereof, and the National Electrical Code, as approved by the American Standards Association. He shall have completed at least two years of college in engineering or related field, and shall have had two years experience in the installation of electrical equipment. In lieu of the college requirement he shall have had five years experience in the installation of electrical equipment.

(Ord. No. 72-1, § 301-1 (B), (C), 1-4-72)

Sec. 7-39. Same--Appointment of subordinate inspectors.

Electrical inspectors shall be appointed by the building official.

(Ord. No. 72-1, § 301-1(A), 1-4-72; Ord. No. 94-21, § 1, 3-1-94)

Sec. 7-40. Same--General duties of chief electrical inspector.

The chief electrical inspector shall enforce the provisions of this code. He may upon application, grant permission for the installation, extension, or alteration of electrical conductors and equipment, and shall make inspections of

all electrical work as provided for in this code. He shall keep complete records of all permits issued, inspections and reinspections made and other official work performed in accordance with the provisions of this code.

(Ord. No. 72-1, § 1, 301-2, 1-4-72)

Sec. 7-41. Same--Authority.

- (a) *Right of entry:* The chief electrical inspector and his inspectors shall have the right during reasonable hours to enter any building or premises in the discharge of official duties, or for the purpose of making an inspection, reinspection or test of the electrical equipment or installation contained therein.
- (b) *Notice to remedy defects:* When electrical equipment is found by the inspector to be dangerous to persons or property because it is defective or improperly installed, the person owning the electrical equipment shall be notified by certified mail and shall have any changes or repairs made within a reasonable length of time as required by the electrical inspector which will place such equipment in safe condition. If such work is not completed within the period specified by the inspector in the notice, the inspector shall have the authority to disconnect or order the disconnection of electric service to the dangerous electrical equipment.
- (c) *Disconnection in emergency:* In cases of emergency when necessary for safety to persons or property, or when electrical equipment may interfere with the work of the fire department, the senior officer of the fire department at the site shall have the authority to immediately cause the disconnection of any electrical equipment.
- (d) *Service of notice:* When any order or notice is issued pursuant to the provisions of this code to any person who cannot be found after a reasonable search, then such order or notice may be served by posting it in a conspicuous place upon the premises occupied by him or upon the premises where the defects are alleged to exist. Such posting of the notice shall be considered equivalent to personal service of such order or notice. An order sent by mail in a sealed envelope with postage prepaid and directed to the address of the electrical contractor, owner, lessee or occupant of the premises shall be equivalent to personal service of such order. Electrical inspectors are hereby empowered to attach to electrical cabinets and equipment an official notice or seal to prevent use of electricity, and it shall be unlawful for any other person to place or attach such seal, or to break, change, destroy, tear, mutilate, cover, remove, or otherwise

deface or injure such official notice or seal posted by an electrical inspector.

- (e) *Special ruling:* If a special ruling by the chief electrical inspector is necessary to govern electrical construction not covered by this code, which includes the National Electrical Code, whereby all wiring for similar types of electrical construction will be changed in the future, such special ruling shall first be approved by the electrical board. A copy of such ruling shall be filed in the office of the chief electrical inspector and additional copies shall be sent to each registered electrical contractor.
- (f) *Special permission:* The regulations of this code, which includes the National Electrical Code, may be modified or waived by special permission in specific cases where such modification or waiver is reasonable and does not differ from the intent of this code. Such permission shall in all cases be obtained from the chief electrical inspector and confirmed in writing. A copy of the permission shall be filed in the building inspection division office.

(Ord. No. 72-1, §§ 301-3--301-6, 1-4-72; Ord. No. 94-21, § 1, 3-1-94)

Sec. 7-42. Board of appeals.

General. In order to hear and decide appeals of orders, decisions or determinations made by the building official relative to the application and interpretation of this code, there shall be and is hereby created a board of appeals. The board of appeals shall be appointed by the city council and shall hold office at its pleasure. The board shall adopt rules of procedure for conducting its business. This board shall consist of members and follow the procedures as prescribed in section 7-4 of this chapter. This board shall be known as the building board of appeals.

Limitations on authority. An application for appeal shall be based on a claim that the true intent of this code or the rules legally adopted there under have been incorrectly interpreted, the provisions of this code do not fully apply or an equally good or better form of construction is proposed. The board shall have no authority to waive requirements of this code, nor make interpretations on the administrative provisions of this code.

(Ord. No. 2005-15, § 3, 3-1-05)

Editor's note: Ord. No. 2005-15, § 3, adopted March 1, 2005, deleted former §§ 7-42--7-44 of the Code and enacted new provisions as § 7-42 as herein set out. Former §§ 7-42--7-44 pertained to the electrical board and derived from Ord. No. 72-1, §§ 501-1--501-5, adopted Jan. 4, 1972; Ord. No. 87-36, § 1(A)--(C),

adopted July 7, 1987; Ord. No. 94-21, § 1, adopted March 1, 1994; Ord. No. 99-85, §§ 2, 3, adopted June 1, 1999.

Note: See the editor's note to § 7-42.

Sec. 7-45. Violations; penalties.

Any person who violates a provision of this code or fails to comply with any of the requirements thereof or who erects, constructs, alters or repairs a building or structure in violation of the approved construction documents or directive of the building official, or of a permit or certificate issued under the provisions of this code, shall be subject to punishment as provided in section 1-6 of the Code of Ordinances.

(Ord. No. 2005-15, § 3, 3-1-05)

Editor's note: Ord. No. 94-21, § 1, adopted March 1, 1994, amended the Code by repealing provisions contained in § 7-45. Said provisions pertained to prescribing examinations and issuing certificates to electrical workers and derived from Ord. No. 72-1, § 501-7, adopted Jan. 4, 1972. Ord. No. 2005-15, § 3, adopted March 1, 2005, added new provisions as § 7-45 as herein set out.

Sec. 7-46. Reserved.

Editor's note: Ord. No. 2005-15, § 3, adopted March 1, 2005, deleted former § 7-46 of the Code, which pertained to record of the electrical board and derived from Ord. No. 72-1, §§ 501-6, adopted Jan. 4, 1972; and Ord. No. 94-21, § 1, adopted March 1, 1994.

DIVISION 2. QUALIFICATION, LICENSING AND REGISTRATION OF ELECTRICIANS

Sec. 7-50. Licensing and registration required; exceptions, false representation.

- (a) It shall be unlawful for any person, as defined in section 1-5, who is not licensed and registered as qualified electrician in accordance with the provisions of this code to engage in the business of electrical construction or to make any repairs, alterations, additions, or changes to any existing system of electrical conductors, wiring apparatus, or equipment within the city, except as provided in sections 7-63 and 7-67.
- (b) It shall be unlawful for any person to falsely represent himself as a licensed electrician of a class set out in this code or to use the words "electrical contractor," "master electrician," "electrician," or words of

similar import or meaning on signs, cards, stationary or by any manner whatsoever, unless said person is properly registered within the meaning of the words used as provided by this code.

(Ord. No. 72-1, § 401-1, 1-4-71; Ord. No. 94-21, § 1, 3-1-94)

Sec. 7-51. Reserved.

Editor's note: Ord. No. 94-21, § 1, adopted March 1, 1994, amended the Code by deleting provisions contained in § 7-51. Said provisions pertained to the term of temporary licenses for journeyman and maintenance electricians and derived from Ord. No. 72-1, § 401-18, adopted Jan. 4, 1972.

Sec. 7-52. Classification of licenses and registration.

- (a) Electrical licenses shall be in the classifications as provided for in state law.
- (b) A person registered and licensed in one of these classifications shall be permitted to perform the work of that classification as hereinafter defined.
- (c) Electrical registration shall be in the classification listed below:
 - (1) Electrical contractor.
 - (2) Lighting maintenance contractor.
 - (3) Elevator contractor.
 - (4) Electrical sign contractor.

(Ord. No. 72-1, § 401-2, 1-4-72; Ord. No. 2005-15, § 3, 3-1-05)

Sec. 7-53. Method of registration.

- (a) To secure a certificate of registration as an electrical contractor, lighting maintenance contractor, elevator contractor or electrical sign contractor, an application shall be made out on forms available in the office of the building inspection division. A copy of the drivers license of the principal owner of the company as well as that of the qualified master electrician shall be submitted to the building department. Written proof of the appropriate masters' license from the State of Texas shall be presented at the time of registration, and at any other such time as may be requested by the building department.

- (b) An electrical contractor, lighting maintenance contractor, elevator contractor or electrical sign contractor may have laborers or apprentices on any of his jobs, but they must be under the direct supervision of the appropriate licensed master or journeyman electrician.
- (c) It shall be unlawful for any person holding a license to transfer same or allow the use of same, directly or indirectly by any other person for the purpose of obtaining a permit to do any electrical work therein specified.
- (d) Applicants for a certificate of registration as an electrical contractor, lighting maintenance contractor, elevator contractor or electrical sign contractor shall file with the application an affidavit, setting forth the names of the persons who are the owners of the business or who are the officers of the firm who own the business, and the name and address of the person who shall be responsible for the business.

(Ord. No. 72-1, § 401-3, 1-4-72; Ord. No. 94-21, § 1, 3-1-94; Ord. No. 2005-15, § 3, 3-1-05)

Sec. 7-54. Fees.

- (a) Fees for registrations as set out in Table 1 shall be payable at the building official's office.
- (b) The fiscal year for the payment of registration fees begins on January first and ends at midnight on December 31st of the same year.
- (c) The fees are as provided in the following table:

TABLE 1
LICENSE AND REGISTRATION FEES

TABLE INSET:

Classification	Annual registration fee
Electrical contractor	\$75.00
Lighting maintenance contractor	\$75.00
Elevator contractor	\$75.00
Electrical sign contractor	\$75.00

(Ord. No. 72-1, § 401-4, 1-4-72; Ord. No. 94-21, § 1, 3-1-94; Ord. No. 2005-15, § 3, 3-1-05)

Sec. 7-55. Renewal of registration.

- (a) Every certificate of registration provided for in this code shall expire at midnight on December 31st of the year it was issued, and shall be renewed by the chief electrical inspector upon request and payment of the required fee.
- (b) The registration of a contractor may be denied by the building official, or the registration may be revoked by the board if the registration is issued on the basis of incorrect information supplied by the contractor.

(Ord. No. 72-1, § 401-5, 1-4-72; Ord. No. 94-21, § 1, 3-1-94; Ord. No. 2005-15, § 3, 3-1-05)

Sec. 7-56. Suspension or revocation of registration.

If the holder of an electrical registration willfully violates any provision of this code including performing work for which a permit is required without first obtaining said permit from the city, or is incompetent to comply with such provision, the building official may revoke or suspend a contractor's registration up to one year. After one-year revocation, the contractor may reapply for registration as a new contractor as set forth in section 7-53.

- (1) In the event that a contractor wishes to appeal the decision of the building official for revocation or suspension, the contractor shall file a written notice in the office of the building official within ten days of receipt of the notice for revocation or suspension.
 - a. A hearing shall be held before the electrical board of appeals after the contractor has been given notice of the hearing by personal service or certified mail, return receipt requested, at least ten days prior to the hearing date.
 - b. After the hearing, the contractor shall be notified in writing of the determination of the electrical board of appeals by personal service or certified mail, return receipt requested.

(Ord. No. 72-1, § 401-6, 1-4-72; Ord. No. 94-21, § 1, 3-1-94; Ord. No. 2005-15, § 3, 3-1-05; Ord. No. 2007-36, § 3, 7-17-07)

Sec. 7-57. Contractor's license and registration.

- (a) It shall be unlawful for any person to engage in the business of electrical contractor, lighting maintenance contractor or elevator contractor as herein defined, without being licensed and registered in the manner hereinafter set forth, and without indicating the name by which the business shall be known.
- (b) Applicants for a certificate as electrical contractor shall file with the application an affidavit setting forth the names of the persons who are owners of the business or who are the officers of the firm, and the names and addresses of the persons who are responsible for the business. Any person holding a certificate as electrical contractor shall be a qualified master electrician or shall have continuously in his employ a qualified master electrician, who shall have active supervision over and be responsible for carrying out the provisions of this code in its entirety.
- (c) An electrical contractor's certificate shall entitle the holder thereof to engage in the business of, and to secure permits for, the installation, addition, alteration, servicing, replacing, removing or repairing of any electrical conductors, apparatus, appliances, devices and equipment.
- (d) The actual work of installation or alteration shall be under the direct supervision of a master electrician.
- (e) If the electrical contractor shall engage in the installation, alteration or repair of any elevator equipment or conductors, he shall obtain a contractor's certificate approved for such work.
- (f) In the event of failure on the part of any registered electrical contractor to correct any defect, error or deficiency in any work installed under the authority of any electrical permit issued to him, within ten calendar days after written notification thereof by the electrical inspector or within such further reasonable time as the inspector may prescribe, the electrical inspector shall without further notice, stop the issuance of permits to such registered electrical contractor until such corrections have been made, inspected and approved. In addition thereto, the penalties prescribed in this Code of Ordinances may be enforced.
- (g) No person other than a contractor licensed by the state and registered with the city, shall be permitted to engage in the business of electrical wiring and if found guilty shall be fined according to the penalties.

- (h) A lighting maintenance contractor's certificate shall entitle the holder thereof to engage in the business or repair and maintenance of lighting fixtures only, and such person engaged in this business shall have continuously in his employ a qualified journeyman who shall have active supervision over and be responsible for carrying out lighting maintenance. The chief electrical inspector shall be notified in writing in the event the journeyman electrician is replaced by another journeyman electrician who has qualified as required by this code.
- (i) An elevator contractor's certificate shall entitle the holder thereof to engage in the business of, and to secure permits for, the installation, repairs and alteration of any electrical wiring and equipment. The installation shall be under the direct supervision of a qualified master, journeyman or specialist elevator electrician.
- (j) Every electrical contractor, lighting maintenance contractor and elevator contractor shall have an established place of business.

(Ord. No. 72-1, § 401-7, 1-4-72; Ord. No. 94-21, § 1, 3-1-94; Ord. No. 2005-15, § 3, 3-1-05)

Sec. 7-58. Master's license and registration.

- (a) Any person holding an electrical contractor's registration shall be or have in his employ a qualified master electrician. The master electrician shall be responsible for all work performed by employees, regardless if the master is present or not, as authorized by the electrical contractor.
- (b) Any person who has been appointed or employed as a master electrician by a registered electrical contractor shall provide written proof of the possession of a State of Texas license to the chief electrical inspector.
- (c) When an applicant has complied with the requirements of this code, the chief electrical inspector shall place his name on the contractor's registration certificate.
- (d) The master electrician shall perform the work or supervise and direct the installation, alteration, repair and maintenance of electrical conductors and equipment authorized by permits issued under the authority of this code. The master electrician is responsible for all work performed, regardless if he is present for all work performed, for which he has been issued a permit, applied for a permit, or requires a permit by this code.

- (e) Whenever a master electrician shall leave or be discharged from the employ of any person who is required by this code to appoint or employ a master electrician, a notice in writing thereof shall be given immediately by both the employer and the master electrician to the chief electrical inspector's office, and the permit privileges of such person shall without further order or action stand suspended until the employment or appointment and qualifying of another master electrician as provided for in this code.
- (f) No master electrician shall be permitted to use more than one electrical contractor's registration at any time.
- (g) It shall be unlawful for any master electrician to permit his name to be used or to knowingly permit himself to be held out as the officer or employee in a supervisory capacity of any person holding an electrical contractor's certificate unless he is in fact an officer or employee and does in fact supervise the installation of electrical work performed by such persons.

(Ord. No. 72-1, § 401-8, 1-4-72; Ord. No. 94-21, § 1, 3-1-94; Ord. No. 2005-15, § 3, 3-1-05)

Sec. 7-59. Journeyman's license and registration.

A journeyman electrician's license shall entitle the holder thereof to engage himself in the employ of any person registered under the provisions of this code; provided, however, a journeyman's license has been issued by the State of Texas.

(Ord. No. 72-1, § 401-9, 1-4-72; Ord. No. 94-21, § 1, 3-1-94; Ord. No. 2005-15, § 3, 3-1-05)

Secs. 7-60, 7-61. Reserved.

Editor's note: Ord. No. 2005-15, § 3, adopted March 1, 2005, deleted former §§ 7-60, 7-61 of the Code in their entirety, which pertained to maintenance electrician's license and registration and specialist electrician's license and registration, respectively, and derived from Ord. No. 72-1, §§ 401-10, 401-11, adopted Jan. 4, 1972; and Ord. No. 94-21, § 1, adopted March 1, 1994.

Sec. 7-62. Supervision required.

In the actual work of installing, maintaining, altering or repairing any electric conductors or equipment for which a permit is required by this code, there shall be present and in direct supervision a qualified electrician of the

proper classification. Should the electrical inspector find that such supervision and control are not being maintained, the inspector may order the work to be discontinued and the person to whom the permit has been issued shall discontinue further work until proper supervision has been employed or supplied; provided, nothing herein shall be construed as prohibiting the employment of apprentices or unskilled laborers assisting a person duly qualified and licensed under the provisions of this code.

(Ord. No. 72-1, § 401-12, 1-4-72)

Sec. 7-63. Homeowner's rights.

Nothing herein contained shall prohibit any bona fide homeowner from personally installing electrical conductors or equipment within his own home, or on his own premises, provided that the owner shall apply for and secure a homeowner's permit, pay the required fee, do work in accordance with this code, employ no help, apply for an inspection, and receive a certificate of approval.

(Ord. No. 72-1, § 401-13, 1-4-72)

Sec. 7-64. Reserved.

Editor's note: Ord. No. 78-38, § 1, adopted July 10, 1978, repealed provisions relating to performance bonds for electrical contractors which were included herein former § 7-64, derived from Ord. No. 72-1, § 401-14, 1-4-72.

Sec. 7-65. Interference with wiring.

It shall be unlawful for any owner, contractor, or worker other than the authorized electrician, in any manner to interfere with any electrical wiring being installed in or on any building. If in the course of construction of a building, the wiring is in such a position as to interfere with its erection or completion as called for by plans, notice shall immediately be given to the person installing the wiring, or the electrical contractor, and the needed changes will be made by such persons.

(Ord. No. 72-1, § 401-15, 1-4-72)

Sec. 7-66. Approved equipment.

It shall be unlawful for any person to use or install any electrical apparatus, material, appliance or fixture for use in connection with wiring of any kind in the city unless such apparatus, material, appliance or fixtures are approved under this code. (See section 7-30)

(Ord. No. 72-1, § 401-16, 1-4-72)

Sec. 7-67. Exceptions from registration requirements.

The following classes of work may be carried out by persons who are not licensed and registered electricians:

- (1) The replacement of lamps, fuses and the connection of portable devices to suitable receptacles which have been permanently installed.
- (2) The installation, alteration or repairing of any wiring devices or equipment for the operation of a signal or the transmission of intelligence, where such wiring, devices, appliances or equipment operates or operate at a voltage not exceeding 30 volts between conductors and do not include generating or transforming equipment.
- (3) The installation, alteration or repair of electrical wiring, devices, appliances, and equipment installed by or for an electrical public service corporation operating under a franchise from the city when for the use of such corporation in the generation, transmission, distribution, or metering of the electrical energy or for the use of such corporation in the operation of railways, signals or the transmission of intelligence as specified in section 7-33.
- (4) Any work involved in the manufacture or test of electrical materials, devices, appliances or apparatus.

(Ord. No. 72-1, § 401-17, 1-4-72)

Secs. 7-68, 7-69. Reserved.

DIVISION 3. PERMITS; FEES

Sec. 7-70. Permit required; exceptions.

It shall be unlawful to commence, begin, or proceed with the installation, or cause to be installed, electrical conductors or equipment within or on any building, structure or premises (publicly or privately owned) or to make or cause to be made alterations in or additions to, electrical conductors or equipment, until an electrical permit has been obtained, as herein provided, except that no permit shall be required for the following electrical work:

- (1) The replacement of lamps, fuses or the connection of portable electrical equipment to permanently installed receptacles.

- (2) The installation of electrical conductors or equipment for or by a public utility in the generation, transmission, sale and use of electrical energy or in the transmission of intelligence as outlined in its franchise.
- (3) Work involved in the manufacturing, repairing or testing of electrical equipment or apparatus in the course of manufacture.

(Ord. No. 72-1, § 601-1, 1-4-72)

Sec. 7-71. Use of permits.

It shall be unlawful for any person to install, alter or repair any electrical conductors or equipment by authority of a permit issued to and for the use of some other person. It shall be unlawful for any person to secure or furnish a permit for the installation, alteration or repair of electrical conductors or equipment to any person not entitled to such permit under the provisions of this code.

(Ord. No. 72-1, § 601-2, 1-4-72)

Sec. 7-72. Persons qualified to obtain permits.

Permits will be issued only to contractors who are licensed by the state and registered with the city as provided in this code. A master electrician shall be permitted to obtain permits and perform all work associated with the construction and installation of electrical signs and/or provide wiring and power to same. This does not prohibit bona fide homeowners from obtaining a permit to do work in or on their own home.

(Ord. No. 72-1, § 601-5, 1-4-72; Ord. No. 2005-15, § 3, 3-1-05)

Sec. 7-73. Reserved.

Editor's note: Ord. No. 2005-15, § 3, adopted March 1, 2005, deleted former § 7-73 of the Code in their entirety, which pertained to classes of permits; application; grounds for revocation and derived from Ord. No. 72-1, § 601-8, adopted Jan. 4, 1972; and Ord. No. 94-21, § 1, adopted March 1, 1994.

Sec. 7-74. Prefabricated construction.

Prefabricated electrical assemblies shall be constructed by a state licensed electrical contractor and shall be constructed such that all components may be inspected, or such assembly shall bear the label of a nationally recognized testing agency approved by the building official. Electrical signs shall be constructed by a state licensed electrical sign contractor or a state licensed

electrical contractor, and shall be constructed such that all components may be inspected, or such sign assembly shall bear the label of a nationally recognized testing agency approved by the building official.

(Ord. No. 2005-15, § 3, 3-1-05)

Editor's note: Ord. No. 2005-15, § 3, adopted March 1, 2005, deleted former § 7-74 of the Code in its entirety and enacted new provisions as § 7-74. Former § 7-74 pertained to specific permits and derived from Ord. No. 72-1, § 601-9, adopted Jan. 4, 1972.

Sec. 7-75. Reserved.

Editor's note: Ord. No. 2005-15, § 3, adopted March 1, 2005, deleted former § 7-75 of the Code in its entirety and enacted new provisions as § 7-75. Former § 7-75 pertained to annual permits for lighting maintenance contractor and derived from Ord. No. 72-1, § 601-10, adopted Jan. 4, 1972.

Sec. 7-76. Circuses, carnivals, road shows, exhibitions, concessions, religious meeting tents.

- (a) Circuses, carnivals, tent meetings and other installations of similar nature shall employ a registered contractor in a supervisory capacity who shall be responsible and obtain permits in the name of each owner, exhibitor or operator, for all electrical work done on the premises other than the plugging in of approved portable lamps and appliances. No electrical work except that covered by section 7-67 shall be done by other than registered electricians of the proper classification.
- (b) Temporary feeders, circuits and mains shall be considered as separate secondary wiring and a permit shall be obtained by the electrical contractor installing the feeder for each concessionaire or exhibitor whose electrical load is connected to said feeder, circuit and/or main.
- (c) Permits shall be of a temporary nature and the applicant shall state on his request the period of time the service is required and shall remove, or apply and receive a written extension of time for, the wiring so approved at or before the termination of the time requested.
- (d) All wiring used in conjunction with a public assembly shall be reasonably safe to persons and property and the electrical inspector shall satisfy himself that the work is done in a manner to render it safe from fire and electrical shock.

(Ord. No. 72-1, § 601-13, 1-4-72)

Sec. 7-77. Decorations for holidays, fairs, promotional or advertising events.

- (a) All electrical decorations installed on public property or on streets, alleys, areas, or sidewalks accessible to the public, shall be installed and maintained during their period of operation by a registered electrical contractor. Permits shall be obtained for each contact made to the permanent wiring of the installation stating the length of the festoon, the wattage connected, and when requested by the chief electrical inspector, plans and details of the electrical installation.
- (b) Permits shall be limited to a specific period of time. At the termination of the period stated, or for any valid reason, in the judgment of the chief electrical inspector, the decorations shall be removed by the person obtaining the permit.

(Ord. No. 72-1, § 601-14, 1-4-72)

Sec. 7-78. Electrical equipment for travel trailers and mobile homes.

All electrical installations installed for use by and for travel trailers and mobile homes shall be installed by a registered electrical contractor in conformance with the provisions as set forth in articles 550 and 551 of the National Electrical Code, or corresponding articles if subsequently renumbered.

(Ord. No. 72-1, § 601-15, 1-4-72)

Sec. 7-79. Time limitation of application and permit expiration.

Time limitation of application. Applications for which no permit is issued within 180 days following the date of application shall expire by limitation, and plans and other data submitted for review may thereafter be returned to the applicant or destroyed by the building official. The building official may extend the time for action by the applicant for a period not exceeding 180 days on request by the applicant showing that circumstances beyond the control of the applicant have prevented action from being taken. No application shall be extended more than once. In order to renew action on an application after expiration, the applicant shall resubmit plans and pay a new plan review fee.

Expiration. Every permit issued by the building official under the provisions of this code shall expire by limitation and become null and void if the building or work authorized by such permit is not commenced and an inspection requested

within 180 days from the date of such permit, or if the building or work authorized by such permit is suspended or abandoned at any time after the work is commenced for a period of 180 days or if more than 180 days pass between any two inspections of the building or work, including the final inspection. In the event of an expired permit, before such work can be recommenced, and/or inspections requested, a new permit shall be first obtained to do so, and the fee therefor shall be one-half the amount required for a new permit for such work, provided no changes have been made or will be made in the original plans and specifications for such work; and provided further that not more than 30 days has passed since the permit expired. In order to renew action on a permit more than 30 days after expiration, the permittee shall pay a new full permit fee. The building official shall have the sole discretion, except as otherwise provided herein, to extend permits and inspection deadlines for projects of an unusually large scope. Any building or work subject to a permit which has expired for a period of more than 30 days shall be declared a nuisance in accordance with Chapter 7, Article II of the Grapevine Code of Ordinances.

Any permittee holding an unexpired permit may apply for an extension of the time within which work may commence under that permit when the permittee is unable to commence work within the time required by this section for good and satisfactory reasons. The building official may extend the time for action by the permittee for a period not exceeding 180 days on written request by the permittee showing that circumstances beyond the control of the permittee have prevented action from being taken. No permit shall be extended nor renewed more than once.

(Ord. No. 72-1, § 601-11, 1-4-72; Ord. No. 94-21, § 1, 3-1-94; Ord. No. 2005-15, § 3, 3-1-05)

Sec. 7-80. Investigation, fees, work without permit.

Whenever any work for which a permit is required by this code has been commenced without first obtaining said permit, a special investigation shall be made before a permit may be issued for such work. An investigation fee, in addition to the permit fee, shall be collected whether or not a permit is then or subsequently issued. The investigation fee shall be equal to the amount of the permit fee required by this code. The minimum investigation fee shall be the same as the minimum permit fee set forth in the fee schedule adopted by the city. The payment of such investigation fee shall not exempt any person from compliance with all other provisions of this code nor from any penalty prescribed by law.

(Ord. No. 2005-15, § 3, 3-1-05)

Editor's note: Ord. No. 85-81, §§ 1--3, adopted Dec. 3, 1985, amended §§ 7-80--7-84 as follows: By renumbering § 7-81 as § 7-80 and § 7-82 as § 7-81; and

by repealing § 7-80, § 7-83 and § 7-84. Said repealed sections pertained to correct addresses, fee for inspection of old work, and billing of inspection fees, respectively, and were derived from Ord. No. 72-1, §§ 601-3, 601-4, 601-6, adopted Jan. 4, 1972. Subsequently, Ord. No. 2005-15, § 3, adopted March 1, 2005, added new provisions to the Code as §§ 7-80, 7-83, 7-84, and renumbered §§ 7-80, 7-81 as §§ 7-81, 7-82.

Sec. 7-81. Right of revocation of permits.

The chief electrical inspector shall have the right to declare a permit null and void if there has been misrepresentation of facts or any violation of the provisions of this code or for any other just cause.

(Ord. No. 72-1, § 601-12, 1-4-72; Ord. No. 85-81, § 3, 12-3-85; Ord. No. 2005-15, § 3, 3-1-05)

Note: See the editor's note to § 7-80.

Sec. 7-82. Fee schedule.

Permit or inspection fees to be charged for any electrical work in the city shall be as follows:

See Attached: [Fee Schedule](#)

(Ord. No. 72-1, § 601-7, 1-4-72; Ord. No. 72-26, § 1, 10-3-72; Ord. No. 85-81, § 1, 12-3-85; Ord. No. 94-21, § 1, 3-1-94; Ord. No. 2001-55, § 2, 7-17-01; Ord. No. 2001-83, § 1, 11-6-01; Ord. No. 2005-15, § 3, 3-1-05)

Note: See the editor's note to § 7-80.

Sec. 7-83. Fee refunds.

The building official may authorize the refund of any fee, which was erroneously paid or collected. The building official may authorize the refund of no more than 80 percent of a permit fee when no work has been done under a permit issued in accordance with this code.

The building official shall not authorize the refunding of any fee paid except upon written application filed by the original permittee not later than 180 days after the date of fee payment.

(Ord. No. 2005-15, § 3, 3-1-05)

Note: See the editor's note to § 7-80.

Sec. 7-84. Reinspection fees.

A reinspection fee may be assessed for each inspection or reinspection when such portion of work for which inspection is called is not complete or when corrections called for are not made.

This section is not to be interpreted as requiring reinspection fees the first time a job is rejected for failure to comply with the requirements of this code, but as controlling the practice of calling for inspections before the job is ready for such inspection or reinspection.

Reinspection fees may be assessed when the inspection record card is not posted or otherwise available on the work site, the approved plans are not readily available to the inspector, for failure to provide access on the date for which inspection is requested, or for deviating from plans requiring the approval of the building official.

To obtain a reinspection, the applicant shall file an application therefor in writing on a form furnished for that purpose and pay the reinspection fee as set forth in the fee schedule adopted by the jurisdiction.

In instances where reinspection fees have been assessed, no additional inspection of the work will be performed until the required fees have been paid.

(Ord. No. 2005-15, § 3, 3-1-05)

Note: See the editor's note to § 7-80.

Editor's note: Ord. No. 85-81, §§ 1--3, adopted Dec. 3, 1985, amended §§ 7-80--7-84 as follows: By renumbering § 7-81 as § 7-80 and § 7-82 as § 7-81; and by repealing § 7-80, § 7-83 and § 7-84. Said repealed sections pertained to correct addresses, fee for inspection of old work, and billing of inspection fees, respectively, and were derived from Ord. No. 72-1, §§ 601-3, 601-4, 601-6, adopted Jan. 4, 1972.

Secs. 7-85--7-89. Reserved.

DIVISION 4. INSTALLATION, EQUIPMENT AND MATERIALS STANDARDS

Sec. 7-90. Safety of equipment and materials.

- (a) All electrical equipment and materials installed or used shall be reasonably safe to persons and property and in conformity with the provisions of this code, the applicable statutes of the state and any rules or regulations issued by authority thereof.

- (b) Electrical equipment and materials approved by Underwriter's Laboratories, Inc., or similar recognized testing agency shall be prima facie evidence that such equipment or materials are reasonably safe to persons and property.

(Ord. No. 72-1, § 801-1, 1-4-72)

Sec. 7-91. National Electrical Code adopted; penalty.

- (a) There is hereby adopted by the city, for the purpose of prescribing regulations, governing conditions hazardous to life and property, that certain 2005 Edition of the National Electrical Code, with the exception of such sections thereof as are hereinafter deleted, modified or amended, and the same is hereby adopted and incorporated herein as if the same were copied in its entirety, and from the date on which this section shall take effect, the provisions thereof shall be controlling within the limits of the city with amendments as herein noted in section 7-97. This article titled "Article III. Electrical Code", its contents, the 2005 Edition of the National Electrical Code, and the amendments as herein noted in section 7-97 shall be known as the "Grapevine Electrical Code," and a copy of said code shall be maintained in the office of the city secretary.
- (b) The building official, or his designee, is hereby authorized and directed to enforce all the provisions of this code. For such purpose, he shall have the power of a law enforcement officer.
- (c) Any person violating any of the terms or provisions of the Grapevine Electrical Code shall be subject to punishment as provided in section 1-6 of the Code of Ordinances, and in this article.

(Ord. No. 75-12, § 3, 4-1-75; Ord. No. 78-37, § 1, 7-10-78; Ord. No. 81-39, § 1(a), (b), 5-19-81; Ord. No. 87-36, § 1(D), 7-7-87; Ord. No. 94-21, § 1, 3-1-94; Ord. No. 98-23, § 1, 2-17-98; Ord. No. 2005-15, § 3, 3-1-05; Ord. No. 2007-36, § 3, 7-17-07)

Charter references: Authority to adopt electrical code, § 3.07(g).

Sec. 7-92. Power and light company's rules and regulations.

Rules and regulations of the authorized electrical supplier relating to service and meter installations for the kind and character of service to be rendered as passed and approved by the governing body of the city from time to time, are incorporated herein and made a part hereof. The authorized electrical

supplier shall be required to furnish written notice of any changes in rules and regulations or additions thereof to each registered electrical contractor and to the city.

(Ord. No. 72-1, § 801-2, 1-4-72)

Sec. 7-93. Conformance to plans.

The installation of electrical equipment, within or attached to buildings or structures shall be done in accordance with plans and specifications previously submitted to and approved by the chief electrical inspector. Complete descriptions of proposed work may be required by the chief electrical inspector. When drawings are required they shall be to definite scale, showing area in square feet, load (before applying demand factors) demand factors selected, computed load, (after applying demand factors), the point at which service connection is required, size of the services and sub feeders, location of service switches and center of distribution, the arrangement of circuits and the number of outlets connected thereof.

(Ord. No. 72-1, § 801-3, 1-4-72)

Sec. 7-94. Temporary installations--Approval, safety.

Temporary installations may be made or placed during course of construction for lighting purposes, etc., providing such installations have been approved by the electrical inspector and authorization for a temporary connection has been issued and wiring is in a safe condition.

(Ord. No. 72-1, § 801-4, 1-4-72)

Sec. 7-95. Same--Service poles.

Temporary service on poles for construction purposes shall be adequately braced, safely constructed, and electrically grounded. It is the responsibility of the authorized electrical supplier to inspect and approve temporary service poles prior to connection of the power. Specifications for temporary poles may be obtained from authorized electrical supplier or from the building inspection division office.

(Ord. No. 72-1, § 801-5, 1-4-72; Ord. No. 94-21, § 1, 3-1-94)

Sec. 7-96. On-site conductors to be underground.

All on-site service entrance conductors and branch circuits associated with new construction and not within a building shall be located underground. This provision shall not apply to replacement of existing aboveground conductors.

(Ord. No. 96-61, § 1, 8-20-96)

Sec. 7-97. Amendments to National Electrical Code.

[The following are amendments to the 2002 Edition of the National Electrical Code:]

"*Section 230.2(A)* is hereby amended by the addition of a seventh and eighth special condition to read as follows:

230.2 Number of Services. A building or other structure served shall be supplied by only one service unless permitted in 230.2(A) through (D). For the purpose . . . {text unchanged} . . . shall be considered to be supplying one service.

(A) Special Conditions. Additional services shall be permitted to supply the following:

(1) Fire pumps

(2--6) {to remain unchanged}

(7) In supplying electrical service to multifamily dwellings, two or more laterals or service drops shall be permitted to a building when both of the following conditions are met:

(a) The building has six or more individual gang meters and all meters are grouped at the same location.

(b) Each lateral or service drop originates from the same point of service.

(8) For Single-Family Lots. There shall be only one meter per single family lot as zoned by the City of Grapevine and as described by the Grapevine Comprehensive Zoning Ordinance. By special permission, a second meter may be requested for a single-family lot and shall be in writing to the building official stating the reasons(s) a second meter is necessary. A permit mistakenly issued for a second meter without written consent of the building official is immediately null and void.

Section 230.71(A) is hereby amended by the addition of an exception to read as follows:

230-71 Maximum Number of Disconnects.

- (A) General. The service disconnecting means for each service permitted by 230.2, or for each set of service-entrance conductors permitted by 230.40, Exception Nos. 1, 3, 4, or 5, shall consist of not more than six switches or sets of circuit breakers, mounted in a single enclosure, in a group of separate enclosures, or in or on a switch board. There shall be no more than six sets of disconnects per service grouped in any one location. For the purpose . . . {text unchanged} . . . shall not be considered a service disconnecting means.

Exception: Multi-occupant Buildings. Individual service disconnecting means is limited to six for each occupant. The number of individual disconnects at one location may exceed six.

Section 250.52 Grounding Electrodes as previously amended by the city, is hereby deleted in its entirety.

Section 300.11(A) as previously amended by the city, is hereby deleted in its entirety.

Section 310.15(B) (6) as previously amended by the city, is hereby deleted in its entirety.

Section 334.12 is amended by the addition of Non-Permitted Use Number 11 to read as follows:

- (A) Types NM, NMC, and NMS. Types NM, NMC, and NMS cables shall not be used as follows:

- (1--10) {Bulk of Section to remain unchanged}

- (11) In metal frame structures.

Section 555.1 as previously amended by the city, is hereby amended by the addition of a new *Section 555.1.1 Inspections* to read as follows:

555.1.1 Inspections

An inspection of all electrical wiring, ground connections, conduit, hangers, supports, connections, outlets, appliances, devices, and portable cables installed or used in a marina, boatyard, boat basin, boat houses, floating buildings or structures, or similar establishment shall be made at regular intervals in conjunction with and at the request of the Grapevine Lake Corps of Engineers to assure a complete inspection at least annually. All corroded, worn, broken or improper materials shall be replaced or repaired immediately. The use of tape to repair broken or cracked insulation of jackets on flexible cables or cords shall be prohibited. The inspection shall take particular notice of the following conditions,

but is not limited to the following conditions, and corrective action shall be taken as appropriate:

- (a) Areas being used for the purpose not originally contemplated and that introduce hazards greater than those for which the electrical system was designed.
- (b) Locked or otherwise restricted areas or equipment being left open.
- (c) The use of grounding-type portable electrical equipment that is not properly and adequately grounded.
- (d) Special attention is to be given to shore power cable sets used by vessels for connection to shore power outlets. Shore power cable sets shall not be permitted to lie on or across pier walkways or to trail into the water.
- (e) Flexible cords being used for purposes not in accordance with the Grapevine Electrical Code, i.e. used for permanent wiring.
- (f) Damaged or inoperative switches, lighting fixtures, and receptacle outlets.
- (g) Overloading of electrical circuits.

Section 600.21(E) is amended to read as follows:

Section 600.21 Ballasts, Transformers, and Electronic Power Supplies

- (E) Attic and Soffit Locations. Ballasts, transformers, and electrical power supplies shall be permitted to be located in attics and soffits, provided there is an access door at least 900 mm by 600 mm (3 ft. by 2 ft.) and a passageway of at least 900 mm (3 ft.) high by 600 mm (2 ft.) wide with a suitable permanent walkway at least 600 mm (2 ft.) wide extending from the point of entry to each component.

(Ord. No. 81-39, § 1(c), 5-19-81; Ord. No. 87-36, § 1(F), 7-7-87; Ord. No. 94-21, § 1, 3-1-94; Ord. No. 98-23, § 2, 2-17-98; Ord. No. 2005-15, § 3, 3-1-05; Ord. No. 2007-36, § 3, 7-17-07)

Secs. 7-98, 7-99. Reserved.

DIVISION 5. INSPECTIONS AND TESTS

Sec. 7-100. Inspection required.

On any electrical installation for which a permit is required, it shall be the duty of the person making the installation to notify the building official, who shall inspect the installation within 48 hours, exclusive of Saturdays, Sundays and holidays of the time such notice is given.

(Ord. No. 72-1, § 701-1, 1-4-72; Ord. No. 87-36, § 1(G), 7-7-87)

Sec. 7-101. Covering wiring.

When any electrical equipment is to be hidden from view or covered by the permanent placement of parts of the building, the person installing the equipment shall notify the building official and such equipment shall not be concealed until it has been inspected, approved or authorized by the building official. Where concealment of electrical equipment proceeds continuously, the person installing such equipment may apply in writing to the building official for periodic inspections, but concealment of such work shall not be done until the contractor has received notice that such permission has been granted.

(Ord. No. 72-1, § 701-2, 1-4-72; Ord. No. 87-36, § 1(H), 7-7-87)

Sec. 7-102. Opening of covered work.

The building official shall have the authority to demand building contractors to open work that in any manner conceals wiring that has been closed without the building official's knowledge or permission, and in no case shall the building official issue clearance until he is satisfied that this work is in accordance with the provisions of this code. The building official shall also have the right to refuse to issue a clearance on any wiring that is concealed in such a manner that he cannot fully satisfy himself that it has been done in accordance herewith.

(Ord. No. 72-1, § 701-3, 1-4-72; Ord. No. 87-36, § 1(I), 7-7-87)

Sec. 7-103. Inspection of new commercial and industrial buildings.

The building official may be called as many times as necessary to inspect portions of new commercial and industrial buildings in the course of construction upon request, in order not to delay construction, and must inspect such work within 48 hours from the time notice is received, Saturdays, Sundays and holidays excepted.

(Ord. No. 72-1, § 701-5, 1-4-72; Ord. No. 87-36, § 1(J), 7-7-87; Ord. No. 94-21, § 1, 3-1-94)

Sec. 7-104. Reinspection.

When any electrical work or wiring is found to have been installed without proper permit or not in accordance with the provisions of this code, the electrical inspectors are authorized to cause the removal of the fuses or cutting of wires, or otherwise render the system inoperative until such work or wiring is reinspected and approved.

(Ord. No. 72-1, § 701-8, 1-4-72; Ord. No. 87-36, § 1(K), 7-7-87)

Sec. 7-105. Reserved.

Editor's note: Section 1(L), Ord. No. 87-36, adopted July 7, 1987, repealed § 7-105, relative to courtesy electrical inspections, in its entirety, which provisions derived from Ord. No. 72-1, § 701-6, adopted Jan. 4, 1972.

Sec. 7-106. Approval for connection to installation--Generally.

- (a) Upon the completion of electrical work and when notified by the electrical contractor, the building official shall make a final inspection and if found to comply with this code, a written notice shall be given to the authorized electrical supplier indicating that the work has been done according to the provisions of this code.
- (b) It shall be unlawful for any person to make connection to supply of electricity or to supply electricity to any electrical equipment for which a permit is required, or which has been disconnected by the order of the building official, until a notice or approval has been issued by the building official authorizing the connection and use of such equipment.

(Ord. No. 72-1, § 701-4, 1-4-72; Ord. No. 87-36, § 1(M), 7-7-87)

Sec. 7-107. Same--Certificate of approval.

When the building official completes a final inspection of an electrical installation and finds that it conforms with the provisions of this code, he may, if requested to do so, issue a certificate of approval 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 electric service.

(Ord. No. 72-1, § 701-7, 1-4-72; Ord. No. 87-36, § 1(N), 7-7-87)

Sec. 7-108. Condemnation.

- (a) If in his judgment the building official, after inspection, determines any building or structure regulated by Chapter 7 of this Code is unsafe or dangerous to persons or property, the building official has authority to cause such wires or appliances to be disconnected from the source of electrical energy supplying these conductors or equipment and may at his discretion seal the control switches for same in an open or disconnected position, whereupon he shall give notice at the site and shall also notify the electric utility company serving the premises. It shall be unlawful for any person to cause or permit electric current to be supplied to the electrical conductors, appliances or equipment so sealed until they have been made safe and the inspector shall have issued a certificate of approval to that effect.

- (b) When the electrical inspector condemns all or part of any electrical installation, the owner may, within five days after receiving written notice thereof, file a petition in writing for review of said action of the electrical inspector. The electrical board shall at once proceed to determine the facts and within five days shall make a decision in accordance with its findings.

(Ord. No. 72-1, § 701-9, 1-4-72; Ord. No. 87-36, § 1(O), 7-7-87)

Secs. 7-109--7-119. Reserved.

EXHIBIT "A"

**TABLE NO. 1-A
BUILDING PERMIT FEES**

TOTAL VALUATION	FEE
\$1.00 to \$500.00	\$21.00
\$501.00 to \$2,000.00	\$21.00 for the first \$500.00 plus \$2.75 for each additional \$100.00, or fraction thereof, to and including \$2,000.00
\$2,001.00 to \$25,000.00	\$62.25 for the first \$2,000.00 plus \$12.50 for each additional \$1,000.00, or fraction thereof, to and including \$25,000.00
\$25,001.00 to \$50,000.00	\$349.75 for the first \$25,000.00 plus \$9.00 for each additional \$1,000.00, or fraction thereof, to and including \$50,000.00
\$50,001.00 to \$100,000.00	\$574.75 for the first \$50,000.00 plus \$6.25 for each additional \$1,000.00, or fraction thereof, to and including \$100,000.00
\$100,001.00 to \$500,000.00	\$887.25 for the first \$100,000.00 plus \$5.00 for each additional \$1,000.00, or fraction thereof, to and including \$500,000.00
\$500,001.00 to \$1,000,000.00	\$2,887.25 for the first \$500,000.00 plus \$4.25 for each additional \$1,000.00, or fraction thereof, to and including \$1,000,000.00
\$1,000,001.00 and up	\$5,012.25 for the first \$1,000,000.00 plus \$2.75 for each additional \$1,000.00, or fraction thereof
OTHER INSPECTIONS AND FEES:	
1. Certificate of Occupancy.....	\$50.00
2. Inspections outside of normal business hours.....	\$42.00 per hour* (minimum charge- two hours)
3. Reinspection fees assessed under provisions of Section 108.85, 2003 UBC and Sec. 108.7 2003 IRC.....	\$42.00
4. Inspections for which no fee is specifically indicated.....	\$42.00 per hour* (minimum charge- one-half hour)
5. Additional plan review required by changes, additions or revisions to plans.....	\$42.00 per hour*
6. For use of outside consultants for plan checking and inspections, or both.....	actual costs**
7. Foundation permits or any partial permit.....	10% of building permit fee in addition to building permit fee
8. Plan review fee (not applicable to Group R-3 private residences).....	65% of building permit fee in addition to building permit fee
9. Building permit fees for the Grapevine- Colleyville Independent School District.....	25% of the fees established in Table No. 1-A- <i>Building Permit Fees</i> .
10. Project valuation to be determined by the regional construction valuation table, adopted by the city, or the contract valuation whichever is greater. Permit valuations shall include all work required for a completed project, including profit, but need not include the value or cost of the land. Other methods for determining the project valuations for unique or unusual projects may be approved by the Building Official.	

*Or the total hourly cost of the jurisdiction, whichever is the greatest. This cost shall include supervision, overhead, equipment, hourly wages and fringe benefits of the employees involved.

** Actual costs include administrative and overhead costs.

LOT DRAINAGE FEES

Single Family & Duplex	\$150.00
Swimming Pools	\$150.00
All remaining classifications	\$250.00 < ½ Acre
	\$350.00 ½ Acre to 1 Acre
	\$450.00 > 1 Acre

COMMERCIAL BUILDINGS

– Add 65% of the Building Permit for plan review fee. To be paid when plans are brought in for review. (This fee is in addition to the permit fee.) Plan review fees are not required for Group R-3 Private Residences. A 65% plan review fee is required for sign permit applications, but is not in addition to the permit fee.