

ARTICLE VI. - ELECTRICITY

FOOTNOTE(S):

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Cross reference— Utilities, ch. 74. [\(Back\)](#)

DIVISION 1. - GENERALLY

Sec. 14-221. - Interference with building official.

It shall be unlawful for any person to hinder or interfere with the building official in the discharge of his duties under this article.

(Code 1986, § 31.068)

Sec. 14-222. - Duty to inspect.

It shall be the duty of the building official to:

- (1) Inspect all the wiring, apparatus and equipment and installations for light, heat or power within the city limits;
- (2) Enforce all the laws, rules and regulations relating thereto;
- (3) Exercise a general supervision over all electrical work in the city; and
- (4) Enforce all the provisions of the electrical code.

(Code 1986, § 31.064)

Sec. 14-223. - Temporary service.

A 30-day temporary electrical service connection may be granted by the building official if the wiring installation, apparatus or equipment is found to be in a safe operating condition and provided an urgent necessity for electric current exists. Under these circumstances, an application for temporary service shall be filed with and approved by the building official.

(Code 1986, § 31.065)

Sec. 14-224. - Dangerous conditions.

The building official is empowered to inspect or reinspect any wiring, equipment or apparatus conducting or using electric current for light, heat or power in the city. If conductors, equipment or apparatus are found to be unsafe to life or property, the official shall notify the person owning or operating the hazardous wiring or equipment to correct the condition within the time the official specifies. Failure to correct violations in the specified time constitutes a violation of this article.

(Code 1986, § 31.066)

Sec. 14-225. - Termination of service to hazardous connections.

The building official is given the power to disconnect extension cords, temporary wiring, branch circuits, subfeed conductors or the main service supplying electrical energy to any portion of an electrical wiring system on or in buildings or on premises, if this wiring is deemed by the official to be hazardous to life or property.

(Code 1986, § 31.067)

Sec. 14-226. - Performance of work by authorized persons.

- (a) It shall be unlawful for any person not qualified as an electrician in accordance with this article to do any electrical construction or make any repairs, alterations, additions or changes to any existing system of electrical wiring, apparatus or equipment for light, heat or power within the city limits except as provided for in subsection (c) of this section and section 14-257(a)(4).
- (b) It shall be unlawful for any person to work as an electrician in the city except as provided by section 14-257(a)(4), without first qualifying.
- (c) Any corporation holding a franchise from the city for the purpose of furnishing electrical current for light, heat or power shall have the right to install, connect, disconnect or remove meters or their protective devices, without obtaining permits, after a certificate of approval has been issued on the installation.

(Code 1986, § 31.069)

DIVISION 2. - PERMIT

Sec. 14-256. - Required.

Except as otherwise provided in this division, no person shall install any electrical apparatus or perform any other work coming under this article without first obtaining a written permit from the building department.

(Code 1986, § 31.083)

Sec. 14-257. - Application of division to owner-occupant.

- (a) Nothing contained in this division shall prohibit any bona fide owner-occupant from personally installing electrical wiring on his premises, provided that he abides by the following rules and regulations:
 - (1) Submit plans and specifications to the building department for approval.
 - (2) Satisfy the building official as to his ability and qualifications to install electrical wiring.
 - (3) Make application and secure an electrical permit before commencing electrical work of any character.
 - (4) File an affidavit that he is the bona fide owner-occupant and will personally install the work on his premises only.
 - (5) Pay the required permit fees set forth in this division.
 - (6) Perform the electrical work according to the rules and regulations contained in this division and the electrical code.
 - (7) Notify the building official when the work is ready for inspection.
- (b) Personal installation by an owner-occupant must be by himself, for himself, on his own premises without compensation or pay from anyone for his labor or the installation.
- (c) An owner-occupant exercising this privilege shall conform to all the requirements of this division and shall not set himself up as an electrical contractor, nor shall he employ anyone to assist him with the installation.

(Code 1986, § 31.084)

Sec. 14-258. - Plans and specifications.

- (a) Plans and specifications with complete descriptions of all proposed electrical work shall be submitted to the building department at the same time application is made for a building permit. The plans must be legibly drawn or printed to a definite scale by a registered architect, registered engineer, general contractor, electrical contractor or owner-occupant, two floor plans being sufficient provided they show all the proposed electrical work. The plans shall show the outline of the total floor area, the square feet of the building under consideration, the point at which the service connection is to be made with the public utility or isolated plant or with another building, the size of service and subfeeder wires, the location of service switches and center of distribution, and the arrangement of circuits showing the number of outlets connected thereto. The plans must be stamped "approved" by the building official before the building permit or the electrical permit can be obtained and before any electrical work can be started. All blueprints or drawings of this nature are filed in the office of the building official for safekeeping and future reference.
- (b) The installation of the wiring, apparatus or equipment for light, heat or power within or attached to any building or premises, whether for private or public use, must be done in accordance with the plans and specifications submitted, as described in this section. Any changes or omissions in the wiring system shown on the plans must be made by the owner-occupant in the form of revised plans setting forth the changes and accepting the responsibilities for the changes. The revised plans must be addressed to the building official and shall be filed in his office.

(Code 1986, § 31.085)

~~Sec. 14-259. Permit fees.~~

~~The office of the building official shall charge and collect for electrical permits at the following rates:~~

- ~~(1) The minimum permit fee shall be \$50.00.~~
- ~~(2) If any work for which a permit is required is commenced or is in process prior to the issuance of a permit by the building department, the fees specified for such work shall be doubled. The payment of a double fee shall not relieve any person from fully complying with the requirements of any applicable code. Notwithstanding the foregoing, the fee for work commenced without a permit shall be a minimum of \$250.00 if the value of the work (labor and materials) is found by the building official to exceed \$1,500.00.~~
- ~~(3) The following schedule of fees is applicable to replacement or reconnection as well as original installations:~~
 - ~~(a) Site work (commercial):~~

~~For each \$1,000.00 of cost or fractional part thereof\$30.00~~
 - ~~(b) Outlets:~~
 - ~~i. General (receptacles, switches, lights, telephones, TV, etc.)10.00~~
 - ~~ii. For each 100 square feet of enclosed area or fractional part thereof10.00~~
 - ~~iii. Appliance outlets, each (including ceiling fans)10.00~~
 - ~~iv. Exterior area lighting, each10.00~~
 - ~~(c) Services, feeds and subfeeds:~~
 - ~~i. Temporary electric for construction50.00~~
 - ~~ii. 30-day temporary75.00~~
 - ~~iii. Foundation bonding30.00~~
 - ~~iv. Single Phase:~~
 - ~~A. 0 to 300 amp75.00~~

- B. Over 300 amp to 400 amp100.00
- C. Over 400 amp to 600 amp125.00
- D. Over 600 amp200.00
- v. Three Phase:
 - A. 0 to 300 amp100.00
 - B. Over 300 to 400 amp125.00
 - C. Over 400 to 600 amp150.00
 - D. Over 600 amp250.00
- (d) Motors:
 - i. 0 to 10 HP50.00
 - ii. Over 10 HP to 25 HP100.00
 - iii. Over 25 HP125.00
- (e) Generators, transformers, and transfer switches (each):
 - i. 0 to 25 KW75.00
 - ii. Over 25 KW to 50 KW125.00
 - iii. Over 50 KW150.00
- (f) X-ray machines (each)150.00
- (g) Welding machines (each):
 - i. 0 to 25 amps (primary)50.00
 - ii. Over 25 amps to 50 amps65.00
 - iii. Over 50 amps75.00
- (h) A/C (each):
 - i. Window or wall (if new service required)20.00
 - ii. Central system:
 - A. Up to 20 tons50.00
 - B. Over 20 tons, per ton3.00
 - iii. Refrigeration:
 - A. Up to 20 tons50.00
 - B. Over 20 tons, per ton3.00
 - C. Heat pump (per unit)50.00
- (i) Elevators:
 - i. Commercial, each200.00
 - ii. Residential, each75.00
 - iii. Dumbwaiters, wheelchair lifts or stair lifts, each75.00
- (j) Signage:
 - i. First sign connection50.00
 - ii. Each additional sign connection15.00

- ~~(k) Plug mold and track lighting:
For each 100 lineal feet or fractional part thereof50.00~~
- ~~(l) Alarm systems:
i. Low voltage systems residential, each50.00
ii. Commercial:
For each \$1,000.00 of cost or fractional part thereof30.00~~
- ~~(m) Repairs/remodeling, minimum fee50.00~~
- ~~(n) Swimming pool and hot tub bonding:
i. Pool bonding50.00
ii. Deck bond and equal potential bond50.00~~
- ~~(o) Fiber optic system:
For each \$1,000.00 of cost or fractional part thereof20.00~~
- ~~(p) Temporary electric service100.00~~
- ~~(q) Miscellaneous:
For each \$1,000.00 of cost or fractional part thereof25.00~~

~~(Code 1986, § 31.086; Ord. No. 08-06, § 3, 6-3-2008)~~

Sec. 14-260. - Issuance.

A permit shall be issued by the electrical inspection division to a qualified person prior to any electrical work being started or caused to be started on an entirely new installation of permanent or temporary wiring, electrical apparatus or equipment or for making extensions or changes to existing wiring systems for light, heat or power upon premises, inside, outside or attached to buildings or structures of any character.

(Code 1986, § 31.087)

Sec. 14-261. - Failure to obtain.

Whenever any person shall commence or proceed with any electrical installation or construction work for which a permit is required by the city, without first obtaining such permit, the person so commencing or proceeding with such work without a permit shall take out a belated permit covering such work and shall pay, double the specific permit fees provided by section 14-259 to be paid for a timely permit covering such work. Neither anything contained in this section nor the act of taking out and paying fees for a belated permit shall absolve any person of any penalty incurred for the doing of electrical construction or installation work without first obtaining a permit.

(Code 1986, § 31.088)

Sec. 14-262. - Request for inspection.

A request for the inspection of electrical work, such as roughing-in, equipment installations, final inspection or electrical work for light, heat or power of any character, must be made at the building department as soon as the job is ready. The request for inspection must be made by the person installing the wiring, and failure to request such inspection constitutes a violation of this Code.

(Code 1986, § 31.089)

DIVISION 3. - ELECTRICAL CODE

~~Sec. 14-291. — Adopted.~~

- ~~(a) The 1999 edition of the National Electrical Code, as adopted by the Southern Building Code Congress International, Inc., is adopted and made a part of the Code of Ordinances as the minimum standard for the installation of all electrical equipment, fixtures, appliances, conductors, wiring and related items within the city, except as otherwise specifically provided in this Code. A copy of the National Electrical Code shall be on file for inspection in the office of the building official during regular office hours.~~
- ~~(b) In addition to the National Electrical Code, the 1996 edition of the Florida Electrical Code (notice L) is adopted and made a part of the Code of Ordinances.~~
- ~~(c) Where a provision of the two electrical codes adopted by the city are in conflict, the more restrictive provision shall take precedence.~~

~~(Code 1986, § 31.092)~~

Sec. 14-292. - Conflicts.

If any conflict occurs between the provisions of the code adopted in section 14-291 -31 and the applicable sections of this Code, state law or city ordinances, rules or regulations, the more strict code shall prevail and be controlling.

(Code 1986, § 31.093)

Sec. 14-293. - Definitions.

- (a) Whenever the word "municipality" or the word "city" is used in the code adopted in section 14-291, it shall be construed to mean the City of Key West, Florida.
- (b) Whenever the term "corporate counsel" or "city attorney" is used in the code adopted in section 14-292, it shall be construed to mean the city attorney of this city.

(Code 1986, § 31.094)

Cross reference— Definitions generally, § 1-2.

Sec. 14-294. - Penalty for violation.

Any person who shall violate any provision of the code adopted by section 14-291 shall be deemed guilty of an offense and shall upon conviction be punished as provided in section 1-15. Each day such violation continues shall be deemed a separate offense.

(Code 1986, § 31.095)

Sec. 14-295. - Standards for installation.

All electric heat, light and power wires, fixtures, appliances, conductors, apparatus and their supports placed or installed in or upon any building or other structure in the city shall be in strict conformity with approved standards of construction for safety to life and property and in accordance with this division, provided that materials for wiring, appliances and equipment shall conform to the standards of Underwriters' Laboratories, Inc., which shall be prima facie evidence that the wiring, appliances and equipment comply with such provisions.

(Code 1986, § 31.096)