

ELECTRICAL INSPECTOR 2

Job Code	Pay Grade
12120	CL16

Nature of Work

This is journeyman level technical work inspecting building and structural electrical installations. An incumbent in this classification inspects and tests electrical installations for adherence to approved plans and specifications for compliance with County Electrical Codes and regulations. A principal purpose of the incumbent is to protect the public against fire and other hazards caused by defective materials and workmanship in electrical systems. The incumbent is required to pass skilled technical examinations and take responsibility for application of standard electrical trade practices to electrical inspections. The incumbent works independently in the field as well as throughout the unincorporated areas of the county although work is subject to review. The incumbent reports to a lead inspector, supervisor, management official or designee.

Minimum Qualification Requirements

- Must possess valid certification as an Electrical Inspector as recognized by the State of Florida (Certificate) and 5 years of experience as a trades foreman, contractor, or at a similar supervisory level, or 3 years as an electrical inspector; or
- Certification and Associate's degree in an engineering, planning, construction or related field, or completion of a 2 year vocational or technical diploma or certification in a related field and 3 years as an electrical inspector; or
- Certification and Bachelor's degree in electrical engineering, construction or related field and 1 year as an electrical inspector; or
- Certificate and an equivalent combination of training, education, and/or experience.

Appointing Authority May Also Require

- Florida Driver's License or Florida Commercial Driver's License and endorsement, if any.
- Assignment to work a variety of work schedules including compulsory work periods in special, emergency, and/or disaster situations.
- Employee to maintain designated certifications and continuing education as required by Florida.
- Other highly desirable knowledge, skills, abilities, and credentials relevant to a position.

Illustrative Tasks (These are examples and are not all inclusive.)

- Makes technical inspections of the installation of new electrical systems or modification of old electrical wiring systems, motors, equipment and related electrically operated apparatus.
- Ensures that all electrical work conforms to adopted county electrical codes as installed.
- Checks each project for defects, omissions, violations, and other departures from correct procedures; issues notice of non-compliance where work is not correct, and directs to the attention of the Chief Electrical Inspector.
- Inspects all work upon completion and signs permit giving final approval for the county that the work is safe for life and property.
- Conducts field inspections of signs erected for compliance with electrical codes.
- Makes routine and periodic patrols and inspections of areas assigned to check for violations and hazardous conditions.
- Investigates complaints of defective electrical installations, reported as fire hazards; makes reinspection as directed; reports violations.
- Performs electrical tests on equipment and materials as directed.
- May assist in the initial training of lower level Electrical Inspectors.
- May perform data entry and retrieval functions in researching violations and scheduling inspections.
- Performs related work as assigned or required.

ELECTRICAL INSPECTOR 2 (continued)

Job Code	Pay Grade
12120	CL16

Knowledge, Skills, and Abilities

- Knowledge of the methods and practices involved in constructing, installing and operating a variety of electrical installations, equipment, signs, and appliances and of standard electrical testing devices.
- Knowledge of possible defects and faults in electrical wiring and appliances and of effective corrective measures.
- Knowledge of the regulations governing electrical installations, equipment, and appliances effective in the unincorporated areas of the county.
- Ability to apply computer applications and software.
- Ability to read and interpret diagrams and specifications for electrical installations.
- Ability to diagnose defects and hazards in old and new electrical installations, equipment, and appliances and enforce specifications and regulations firmly, tactfully and impartially.
- Ability to express oneself clearly and concisely, orally and in writing.
- Ability to keep records and to prepare and submit reports.
- Ability to complete the continuing education required by the state.

For official use only

Revised	EEOC Code	Overtime Code
7/16	Technicians	Classified