

## ELECTRICAL INSPECTOR 3

Job Code	Pay Grade
12130	CL18

### Nature of Work

This is limited supervisory and advanced technical work examining electrical installation plans and specifications. The incumbent performs field inspections to determine compliance with County Electrical Codes. An employee in this classification is responsible for the review of plans prior to the issuance of an electrical permit for both commercial and residential establishments including the field inspection thereof. A significant part of the work requires discussions with contractors, builders, and owners regarding approval or disapproval of submitted plans for conformity with design and safety aspect requirements of the electrical code. The incumbent is responsible for furnishing technical advice and assistance to Electrical Inspectors 1 and Electrical Inspectors 2 regarding unusual or difficult problems encountered. The incumbent performs assignments with considerable independence within the framework provided by the approved code, policy of the department, and periodic issuance of work procedure memoranda. The incumbent reports to the Chief Building Inspector or designee.

### Minimum Qualification Requirements

- Must possess a valid certificate as an Electrical Inspector as recognized by the State of Florida (Certificate) and 6 years of experience as a trades foreman, contractor, or at a similar supervisory level, or 4 years as an electrical inspector; or
- Certificate plus 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 4 years as an electrical inspector; or
- Certificate plus Bachelor's degree in electrical engineering, civil engineering, mechanical engineering, construction or related field and 2 years 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.
- Candidate must obtain a Florida Plans Examiner Certificate within 2 years of employment and maintain the related 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.)

- Reviews and processes plans and specifications submitted for electrical permits, checking for compliance with existing codes and standards.
- Advises the applicant in preparing or modifying plans or specifications as required.
- Furnishes technical advice and information to field and office personnel within the limits of authority assigned by the Chief Electrical Inspector or his superior.
- Plans, coordinates, and conducts training courses for field inspectors when so directed.
- Assists in the preparation for prosecution of code violators and represents the county at court hearings.
- Prepares and maintains technical records and reports; does other clerical and administrative work.
- Acts in lieu of Chief Electrical Inspector when required in routing and scheduling field inspection work and other assigned duties.
- May perform data entry and retrieval functions in researching violations and scheduling inspections.
- Performs related work as assigned or required.

## ELECTRICAL INSPECTOR 3 (continued)

Job Code	Pay Grade
12130	CL18

### Knowledge, Skills, and Abilities

- Knowledge of the methods and practices involved in constructing, installing, and operating a variety of electrical installations, equipment, and appliances, and of standard electrical testing devices.
- Knowledge of possible defects and faults in electrical wiring and appliances and of corrective measures.
- Knowledge of the materials and methods used in electrical installations and of the stages of construction when possible defects and violations may most easily be observed and corrected.
- Thorough knowledge of the codes and regulations governing electrical work and building construction in the county.
- Skill in enforcing code regulations with tact and uniformity.
- Ability to read and interpret construction and electrical diagrams, plans, and blueprints and to recognize deviations from such plans in the construction and installation process.
- Ability to apply computer applications and software.
- Ability to plan, assign, supervise, and review the work of a staff engaged in inspecting building and electrical installations and equipment.
- Ability to secure a Master Electrician's Certificate of Competency.
- Ability to complete the continuing education required by the state.

For official use only

Revised	EEOC Code	Overtime Code
7/16	Technicians	Classified