

# ELECTRICAL INSPECTOR 1

Job Code	Pay Grade
12110	CL13

## Nature of Work

This is entry level technical work inspecting building and structural electrical installations. An employee in this class inspects and tests electrical installations for adherence to approved plans and specifications, for compliance with county electrical codes and regulations, to protect the public against fire and other hazards caused by defective materials and workmanship in electrical systems. Duties require skilled technical examinations and the application of standard electrical trade practices to electrical inspections. Employees work in the field, throughout the unincorporated areas of the county and are supervised as the occasion requires. All work is subject to review by a superior through written and verbal reports and occasional re-inspections.

## Minimum Qualification Requirements

- High school or vocational school graduate and 5 years of experience in the field of construction or a related field or;
- An equivalent combination of education, training, and/or experience that meets eligibility requirements according to one of the criteria of FS 468 to take the examination for certification as a Building Code Inspector.

## 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.
- Applicant must secure a valid certificate as an Electrical Inspector within 2 years of employment and maintain the required continuing education as required by Florida.
- Candidate to demonstrate more advanced proficiency, competency, and satisfactory completion of regularly assigned work in an independent manner. Appointing Authority retains discretion to employ an incumbent at this level or advance the incumbent non-competitively or competitively after a candidate meets the minimum qualifications to an in-line career ladder position (such as Electrical Inspector 2) within the same organization or department.
- 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 departure 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 re-inspection as directed; reports violations.
- Performs tests on equipment and materials as directed.
- Performs data entry and retrieval functions in researching violations and scheduling inspections.
- Performs related work as assigned or required.

## ELECTRICAL INSPECTOR 1 (continued)

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### 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 secure an Electrician's Journeyman's License.
- Ability to obtain a provisional certification as an electrical inspector within ninety (90) days of employment.
- Ability to complete the continuing education required by the state.

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Revised	EEOC Code	Overtime Code
7/16	Technicians	Classified