

MECHANICAL INSPECTOR 2

Job Code	Pay Grade
12070	CL16

Nature of Work

This is journeyman level technical work in inspecting heating, air conditioning, ventilation and fire protection installations. An employee in this classification inspects and checks installations for adherence to approve plans and specifications for compliance with the applicable codes and regulations, and to protect the public against fire and other hazards caused by defective materials or workmanship in mechanical and fire protection systems. The incumbent performs skilled technical examinations and the application of standard trade practices to mechanical and fire protection systems inspections. The incumbent performs tasks in the field as assigned throughout the unincorporated areas of the county under minimum supervision. The incumbent reports to a lead inspector, supervisor, management official or designee

Minimum Qualification Requirements

- Must possess valid certification as a Mechanical 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 a mechanical 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 a mechanical inspector; or
- Certification and Bachelor's degree in mechanical engineering, construction, or related field and 1 year as a mechanical 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.
- 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 Mechanical 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 inspection of the installation of new mechanical and fire protection systems or modification of old heating and air conditioning systems, motors, equipment, and related apparatus.
- Checks each project for defects, omissions, violations, and other departures from correct procedure and applicable county codes.
- Issues notices of non-compliance and directs to the Chief Mechanical Inspector.
- Performs tests on equipment and materials as directed.
- Inspects all work upon completion and signs permit giving final approval for the county that the work is safe for life and property.
- Makes routine and periodic patrols and inspections of areas assigned to check for violations and hazardous conditions.
- Investigates complaints of defective mechanical and fire protection systems installations that are reported as fire and other hazards; makes re-inspections as directed; reports violations.
- May assist in the initial training of lower level Mechanical Inspectors.
- May perform data entry and retrieval functions in researching violations and scheduling inspections.
- Performs related work as assigned or required.

MECHANICAL INSPECTOR 2 (continued)

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Knowledge, Skills, and Abilities

- Knowledge of the methods and practices involved in constructing, installing, and operating a variety of heating and air conditioning installations, equipment, and appliances, and of standard mechanical and fire protection systems testing devices.
- Knowledge of possible defects and faults in mechanical and fire protection systems equipment including duct work, and of effective corrective measures.
- Knowledge of the regulations governing mechanical and fire protection systems installations, equipment and appliances, effective in the unincorporated areas of the county.
- Ability to apply computer applications and software.
- Ability to read and interpret mechanical and fire protection systems diagrams and specifications for all types of installations.
- Ability to diagnose defects and hazards in old and new mechanical and fire protection systems 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 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