

# MECHANICAL INSPECTOR 1

Job Code	Pay Grade
12060	CL13

## Nature of Work

This is entry level technical work in inspecting heating, air conditioning, ventilation, and fire protection installations. An employee in this class inspects and checks installations for adherence to approved 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 and workmanship in mechanical and fire protection systems. Duties require skilled technical examinations and the application of standard trade practices to mechanical and fire protection systems inspections. Employees work in the field as assigned throughout the unincorporated areas of Pinellas County. All work is subject to review by a superior through written and verbal reports and occasionally re-inspections. The incumbent reports to a supervisor or designee.

## 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.
- Applicant must secure a Florida State Certification as a Mechanical Inspector within 2 years of employment and maintain the required continuing education.
- Assignment to work a variety of work schedules including compulsory work periods in special, emergency, and/or disaster situations.
- 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 or modification of old mechanical and fire protection.
- 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. Makes re-inspections as directed; reports violations.
- Performs data entry and retrieval functions in researching violations and scheduling inspections.
- Performs related work as assigned or required.

## 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.

## MECHANICAL INSPECTOR 1 (continued)

Job Code	Pay Grade
12060	CL13

### Knowledge, Skills, and Abilities (continued)

- 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 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 apply computer applications and software.
- Ability to keep records, 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