

MECHANICAL INSPECTOR 3

Job Code	Pay Grade
12080	CL18

Nature of Work

This is limited supervisory and advanced technical work examining mechanical heating, air conditioning, ventilation and fire protection systems installation plans and specifications and performing field inspections to determine compliance with applicable codes. An incumbent in this classification is responsible for the review of plans prior to the issuance of mechanical and fire protection permits for both commercial and residential establishments and the field inspection thereof. A significant part of the work requires discussion with contractors, builders, and owners regarding approval or disapproval of submitted plans for conformity with the design and safety aspect of the proposed installation to the requirements of the applicable codes. The incumbent is responsible for furnishing technical advice and assistance to Mechanical Inspectors 1 and 2 regarding unusual or difficult problems encountered. The incumbent performs with considerable independence in the framework provided by the approved code, policy of the department, and periodic issuance of work procedure memoranda. The position reports to the Chief Building Inspector or designee.

Minimum Qualification Requirements

- Must possess a valid certificate as a Mechanical 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 a mechanical 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 a mechanical inspector; or
- Certificate plus Bachelor's degree in mechanical engineering, construction or related field and 2 years 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.
- 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 mechanical and fire protection system 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 Mechanical Inspector.
- 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 Mechanical 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.

MECHANICAL INSPECTOR 3 (continued)

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Knowledge, Skills, and Abilities

- Knowledge of the methods and practices involved in constructing, installing, and operating a variety of mechanical and fire protection systems installations, equipment and appliances, and of standard mechanical and fire protection systems testing devices.
- Knowledge of possible defects and faults in heating and air conditioning installations.
- Knowledge of the codes and regulations governing mechanical and fire protection systems work and building construction in the county.
- Knowledge of the materials and methods used in mechanical and fire protection systems installations and of the stages of construction when possible defects and violations may most easily be observed and corrected.
- Skill in enforcing code regulations with tact and uniformity.
- Ability to apply computer applications and software.
- Ability to read and interpret construction, mechanical and fire protection systems diagrams, plans, and blueprints and to recognize deviations from such plans in the construction and installation process.
- Ability to secure a Mechanical Contractor's Certificate of Competency if required at time of appointment.
- Ability to complete the continuing education required by the state.

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Revised	EEOC Code	Overtime Code
7/16	Technicians	Classified