

Plumbing Inspector

DEFINITION

Position is responsible for compliance with laws for plumbing and gas safety. Technical and inspection work related to the enforcement and interpretation of the Massachusetts State Plumbing and Gas codes relative to residential, commercial, and industrial building construction and renovation.

ESSENTIAL FUNCTIONS

The essential functions or duties listed below are intended only as illustrations of the various types of work that may be performed. The omission of specific statements of duties does not exclude them from the position if the work is similar, related, or a logical assignment to the position.

- Conduct inspections for residential, commercial, and industrial building construction and renovation.
- Read and interpret blueprints, schematic and technical drawings and prepare necessary diagrams.
- Interpret and enforce regulations firmly, tactfully, and impartially.
- Maintain complete and accurate inspection records and prepare reports.
- Use online permitting system to review and record plumbing permits.
- Interact with the public in a professional and responsible manner.
- Performs duties on an on-call as needed basis to fill in for the Gas Inspectors in their absence.

SUPERVISION RECEIVED and EXERCISED

Working under the direct supervision of the Building Inspector.

JUDGMENT

The work involves numerous standardized practices, procedures, or general instructions that govern the work and, in some cases, may require additional interpretation. Judgment is needed to locate, select, and apply the most pertinent practice, procedure, regulation or guideline.

COMPLEXITY

The work consists of a variety of duties which generally follow standardized practices, procedures, regulations, or guidelines. The sequence of work and/or the procedures followed vary according to the nature of the transaction and/or the information involved, or sought, in a particular situation.

NATURE AND PURPOSE OF CONTACTS

Relationships are primarily with co-workers, vendors, and the public, involving frequent

explanation, discussion or interpretation of practices, procedures, regulations or guidelines in order to render service, plan or coordinate work efforts, or resolve operating problems. Other regular contacts are with service recipients and employees of outside organizations. More than ordinary courtesy, tact and diplomacy may be required to resolve complaints or deal with hostile, uncooperative or uninformed persons.

EDUCATION AND EXPERIENCE

- High school diploma and five years' experience as a journeyman plumber/gasfitter; or any equivalent combination of education and experience.

CERTIFICATIONS, LICENSES, REGISTRATIONS

- Massachusetts Journeyman Plumbers and Gasfitters license required. Driver's license required

KNOWLEDGE, ABILITY, AND SKILLS

- Thorough knowledge of gas fitting theory and practices, and of state and local laws relating to gas work.
- Thorough knowledge of all natural and liquefied petroleum gases.
- Knowledge of the principles of hydraulic, mechanical, and sanitary engineering as they apply to plumbing installations.
- Ability to read plans and prepare necessary diagrams.
- Ability to interpret and enforce regulations firmly, tactfully, and impartially.
- Ability to maintain complete and accurate inspection records and to prepare reports.
- Familiarity with computers including word processing, spreadsheets, and databases.

PHYSICAL, MOTOR, AND VISUAL SKILLS

Physical Skills

Moderate effort is generally required in the field as well as various weather conditions. The employee is frequently required to stand, walk, sit, speak, and hear, stoop, bend, and reach. Physical agility is required to access plumbing and gas fixtures. The employee is occasionally required to lift objects weighing up to 25 pounds.

Motor Skills

Duties may involve assignments requiring application of hand and eye coordination with finger dexterity and motor coordination.

Visual Skills

Visual demands require routinely reading documents for general understanding and analytical purposes and the ability to use variety of hand tools, power tools, precision tools.