

PLUMBING INSPECTOR

DEFINITION

Inspects plumbing installations on new construction, alterations and improvements, and rehabilitation projects for compliance with plans and specifications, contract documents, and applicable State and local ordinances, codes, and regulations.

TYPICAL DUTIES

Inspects plumbing installations to determine that materials and workmanship comply with plans, specifications, contracts, and applicable codes, ordinances, and regulations.

Inspects such plumbing installations as gas, water, drainage, and sewage disposal systems, fire sprinkler systems, lawn sprinkler systems, swimming pools, storm drains, and drain and waste disposal installations for laboratory equipment.

Advises Architectural and Engineering Services subcontractors of standards consistent with contract documents to ensure plumbing installations that require a minimum of maintenance expense.

Advises Building/Construction Inspectors and Supervising Building/Construction Inspectors on matters related to the installation of plumbing, irrigation, and fire sprinkler systems.

Assists Building/Construction Inspectors and architectural and engineering staff in resolving discrepancies among architectural, structural, plumbing, mechanical, and electrical drawings affecting the installation of plumbing work.

Inspects for possible hazards such as water pollution, backflow, and gas leakage.

Inspects change order work for compliance with plan specifications, contracts, applicable codes, ordinances, and regulations.

Assumes project inspector responsibilities for specific projects.

Makes investigations and offers suggestions on the installation of various plumbing, irrigation, and fire protection systems for new construction, alterations and improvements, and rehabilitation projects.

Checks contractors' as-built drawings as required.

Prepares daily and periodic reports as required.

Inspects chlorination, and backflow installations of new and reworked plumbing systems.

Confers with the Plumbing Technical Supervisor on new materials and methods.

Performs related duties as assigned.

DISTINGUISHING CHARACTERISTICS AMONG RELATED CLASSES

A Plumbing Inspector inspects plumbing installations on new construction, alterations and improvements, and rehabilitation projects for compliance with plans, specifications, contract documents, and applicable State and local ordinances, codes, and regulations

A Building/Construction Inspector represents the District at construction sites, performs continuous inspection of construction materials, methods, and work quality, and monitors construction work for compliance with plans, specifications, and regulations. In addition, a Building/Construction Inspector must possess and maintain a minimum Division of State Architect certification as a Class 3 Project Inspector.

The Specialty Inspector classes are each responsible for the inspection of one specialized type of installation on new construction, alterations and improvements, and rehabilitation projects.

SUPERVISION

General supervision is received from the Supervising Plumbing Inspector or Supervising Building/Construction Inspector. The inspection activities of a Plumbing Inspector are coordinated at each building site by the Building/Construction Inspector assigned. Functional supervision is exercised over projects when acting as the project inspector.

CLASS QUALIFICATIONS

Knowledge of:

- Current practices, processes, and materials in plumbing construction work, including the installation, repiping, and cleansing of plumbing systems
- Grades of metal pipe fittings, accessories, and other plumbing materials
- State and local regulations pertaining to plumbing
- Pertinent regulations of the State Industrial Accident Commission
- Standards and specifications of the American Society of Mechanical Engineers and the District pertaining to plumbing installations
- Spreadsheet, database, word processing, email, and graphics computer software programs.

Ability to:

- Read and interpret building plans and specifications
- Detect deviations in plumbing installations
- Keep accurate records and write reports
- Work effectively with commissioned architects, engineers, school personnel, contractors, project management personnel, and representatives of other public jurisdictions
- Communicate effectively orally and in writing
- Utilize various computer applications such as spreadsheet, database, word processing, email, and graphics computer software programs
- Work independently

Special Physical Requirements:

- Ability to stand, walk, bend, crawl, climb, reach overhead, crouch, kneel, balance, push, grip, pull, and lift up to 50 pounds.
- Ability to work safely in confined spaces and uneven surfaces
- Ability to do physical work under conditions involving temperature extremes

ENTRANCE QUALIFICATIONS

Education:

Graduation from high school or evidence of equivalent educational proficiency.

Experience:

Four years of journey-level experience as a plumber that included the installation and repair of large commercial or industrial systems.

Special:

A Los Angeles City Journeyman Plumber License.

or

A Los Angeles County Certificate of Registration as a Journeyman Plumber.

A valid California Driver License.
Use of an automobile.

Certification by ICC or IAPMO as a California Commercial Plumbing Inspector is preferable.

SPECIAL NOTES

Employment is subject to medical clearance.

Positions in this classification are subject to pertinent provisions of the General Industry Safety Orders of the California Code of Regulations regarding protective equipment when exposed to hazardous materials, including, but not limited to, asbestos and lead.

Prior to employment, all successful candidates will be required to pass an asbestos medical examination in compliance with the General Industry Safety Orders of the California Administrative Codes.

Requires wearing a negative pressure respirator.

The class description is not a complete statement of essential functions, responsibilities, or requirements. Entrance requirements are representative of the minimum level of knowledge, skill, and /or abilities. To the extent permitted by law, management retains the discretion to add or change typical duties of a position at any time, as long as such addition or change is reasonably related to existing duties.

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MHO