

## APPRENTICE PLUMBER

### DEFINITION

Performs a gradually increasing percentage of journey-level duties while learning the plumbing trade as a regularly indentured apprentice.

### TYPICAL DUTIES

In a program designed to train the unskilled worker from entry level to journey-level proficiency, an Apprentice Plumber learns to:

- Install, replace, maintain, and repair plumbing systems, equipment, appliances, controls, and fixtures, including water, gas, and sewer installations.
- Work from sketches, drawings, and blueprints to install, maintain, and repair facilities such as dish and clothes-washing machines, vacuum breakers, backflow devices, gas appliance safety controls, steam tables, plumbing fixtures, drains, sinks, sumps, circulatory pumps, water heaters, and showers.
- Install, maintain, and repair gas piping systems for space heating.
- Install, maintain, and repair automatic, semi-automatic and manually operated lawn-sprinkler systems.
- Install, maintain, and repair air and gas welding systems.
- Survey gas safety devices and other plumbing equipment that may need repair or replacement.
- Install, maintain, and repair automatic fire-sprinkler systems.
- Prepare reports pertaining to the testing and maintenance of backflow devices, fire-sprinkler systems, and other plumbing facilities.
- Prepare job sketches and material and labor cost estimates.
- Performs related duties as assigned.

### DISTINGUISHING CHARACTERISTICS AMONG RELATED CLASSES

An Apprentice Plumber assists a Plumber and performs duties gradually progressing from unskilled to skilled while learning the plumbing trade by means of a program of on-the-job learning and formal instruction.

A Plumber performs skilled plumbing work in the installation, maintenance, and repair of District plumbing facilities.

### SUPERVISION

General supervision is received from an Area Plumbing Supervisor. Technical supervision and practical instruction is received from Senior Plumbers and Plumbers as assigned. No supervision is exercised.

## CLASS QUALIFICATIONS

### Knowledge of:

- Care and use of basic hand tools
- Arithmetic
- Simple mechanical principles

### Abilities to:

- Learn the skills of the plumbing trade through classroom instruction and on-the-job training
- Follow oral and written instructions
- Work effectively with other District employees
- Learn and apply occupational safety regulations and procedures

### Special Physical Requirements:

- Dexterity of fingers and hands to operate the necessary tools and equipment
- Ability to safely lift, push, pull, and carry up to 100 pounds of equipment or materials
- Ability to work safely at heights including the use of ladders, scaffolds and other related equipment
- Ability to work in confined spaces
- Ability to stand, walk, bend at the waist, crawl, climb, reach overhead, crouch, kneel, and maintain balance

## ENTRANCE QUALIFICATIONS

### Education:

Graduation from high school or evidence of equivalent educational proficiency.

### Special:

- A valid California Driver License.
- Use of an automobile.
- 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.

This 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 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.

Revised  
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