

## JOURNEY PLUMBER

### **JOB DESCRIPTION:**

Under general supervision, perform master journey-level work in the installation, maintenance, inspection, modification, remodel and repair of mechanical plumbing equipment and fixtures for water, gas, oil, steam, sewage, fire sprinkler/prevention, and refrigeration-related plumbing systems; act as lead worker to other classified staff in the area; and perform related work as required.

### **SCOPE:**

Incumbents maintain, troubleshoot, and test plumbing systems; assemble, install and repair pumps, pipes, fittings, and fixtures; cut, thread and weld pipes; assemble and install valves, pipe fittings and pipes; inspect completed work for conformance with specifications, requirements and compliance with applicable building and safety codes and regulations; inspect related work performed by contractors; estimate cost, time and materials for plumbing projects; participate in the maintenance and operations of a plumbing shop; clean, maintain and service tools and equipment used in the performance of duties.

### **KEY DUTIES AND RESPONSIBILITIES:**

Examples of key duties are interpreted as being descriptive and not restrictive in nature. The following duties are listed both as trade specific and shared responsibilities.

1. Maintains, repairs and installs plumbing and related fixtures and components.
2. Repairs piping of various size and type.
3. Checks safety equipment and replaces components such as washers, gaskets, and filters.
4. Inspects, repairs, or replaces pumps, valves and boiler systems, including swimming pool pumps.
5. Services and maintains air compressors.
6. Maintains and adjusts chemical treatment controls for the pool.
7. Keep low pressure hot water heating boiler log
8. Inspects and tests fire sprinkler system and booster pumps; prepares documentation for compliance.
9. Monitors and adjusts building automation systems.
10. Monitors work done by outside contractors for adherence to Plumbing Code Requirements and reports back to supervisor.
11. Assists in the writing of specifications for repairs and new construction.

### *Shared Responsibilities:*

1. Maintains appropriate service and repair records.
2. Researches, purchases and inventories equipment parts, chemicals and supplies.
3. Responds to routine and emergency calls for repairs and service.
4. May train and direct the work of other classified staff in the area.
5. Assists and serves as back up to other Facilities employees.
6. Trains and directs the work of other Classified staff in the area.

## EMPLOYMENT STANDARDS

### ABILITY TO:

Operate and use required tools and equipment skillfully and safely; perform heavy physical labor; read and comprehend plans and blueprints as appropriate to the plumbing trade; install, maintain and repair broad range of plumbing fixtures and components, pumps, valves, boiler systems, compressors, alarm systems, and chemical treatment systems; read and comprehend plans and blueprints as appropriate to trade; analyze and respond safely and appropriately to emergency situations; train and direct the work of other classified staff in the area; follow and give oral and written instructions; maintain cooperative working relationships; demonstrate sensitivity to, and respect for a diverse population.

### KNOWLEDGE OF:

Thorough knowledge of the methods, materials, tools, and equipment used in the plumbing trade; operation of building automation systems, applicable state and federal health and safety code requirements; methods and practices followed in the maintenance of tools, machinery, and equipment; safety precautions to be observed in the maintenance and installation of electronic and mechanical equipment.

### MINIMUM QUALIFICATIONS:

Candidates/incumbents must meet the minimum qualifications as detailed below, or file for equivalency. Equivalency decisions are made on the basis of a combination of education and experience that would likely provide the required knowledge and abilities. If requesting consideration on the basis of equivalency, an Equivalency Application is required at the time of interest in a position (equivalency decisions are made by Human Resources, in coordination with the department where the vacancy exists, if needed.)

#### *Education:*

Graduation from high school, supplemented by completion of a Union, private (in-house), military, or trade school apprenticeship program that includes theory and on-the-job work.

#### *Experience:*

Four years as a journey-level plumber/fitter in a commercial, industrial, or facilities operations setting,

### LICENSE OR CERTIFICATE:

This classification requires the use of a personal or District vehicle while conducting District business. Must possess a valid driver's license and an acceptable driving record. Ability to complete the following trainings as required: forklift operation certification; lock out tag out, fall arrest, confined space, MSDS, asbestos and lead identification, ladder safety, emergency evacuation, in-house OSHA and respirator training.

### SPECIAL REQUIREMENTS:

Must be able to perform physical activities, such as, but not limited to, lifting equipment (up to 50 lbs. unassisted), bending, standing, climbing or walking. Must be able to safely use manual tools and power equipment common in the construction trades. Must be able to handle hazardous materials safely and tolerate exposure to electrical and other environmental hazards.