

## Plumber

FLSA Status Covered  
Bargaining Unit: District Council of Trade Unions (DCTU)

### General Summary

Positions in this broad class perform a variety of skilled plumbing trades, including the installation, alteration, maintenance, and repair of plumbing systems within City owned buildings and operated facilities.

### Plumber – 30001159

#### Distinguishing Characteristics

The plumber is a journey level classification typically performing all class duties. It is distinguished from other classes in that it performs plumbing and related work at a highly skilled level and can be held responsible for directing others in performing such work.

#### Typical Duties/Examples of Work

1. Installs, maintains, and repairs pipes, fittings, fixtures and other plumbing equipment used for water distribution in residential, commercial, institutional and industrial buildings.
2. Repairs fixtures by repacking, reseating or repairing valves, cutting and threading pipe, bending pipe, flaring and brazing copper tubing, and testing valves and other equipment; cleans basins and unplugs pipes.
3. Reads and interprets blueprints and written instructions; confers with supervisor concerning construction, alteration, maintenance, and repair projects; submits material and time estimates on construction, alteration, and repair projects.
4. Uses plumbing tools and equipment such as manual and power pipe cutting and threading machines, sewer cleaners, propane torches, and hand tools including drill motors, saws, chain pipe (snap) cutters; pipe, basin, strap and torque wrenches, and other, depending on piping materials, in completing work.
5. Cleans, maintains, and repairs power and hand tools.
6. Maintains records, supplies and equipment; determines materials needs; carries out all required safety procedures.

7. Plans and organizes assigned job; estimates time, materials and equipment; orders and purchases materials; coordinates job activities with other crafts and trades personnel; reviews plans and specifications, and confers with engineers, design professionals and inspectors on suggested changes and modifications.
8. Responds to calls to work during emergencies.
9. Performs related duties as assigned.

**Required Knowledge, Skills and Abilities**

Knowledge of: tools, materials, processes and techniques of plumbing; troubleshooting techniques; water supply layout, waste, venting and other piping systems; state laws and city codes and regulations relating to sanitation and public health in plumbing work

Ability to: learn and use safe working practices; maintain records; read blueprints, drawing and specifications; install, repair and maintain domestic, commercial and industrial plumbing fixtures in walls and floors; work effectively with co-workers in a diverse workforce, and respond appropriately to question/concerns from other employees and the public; work constructively in a team

Skill in: reading and interpreting blueprints, sketches, and written instructions; using and caring for plumbing tools and equipment; measuring, cutting, bending, threading and brazing pipes using hand, power tools and machines; testing pipes for leaks using air and water pressure gauges

**Special Requirements**

Possession of a current Oregon State Plumber's License

**Classification History:**

Adopted: 9/2/09

**Working Conditions**

Work in this class is typically performed in a shop or field environment. Incumbent is typically required to lift up to 100 pounds; to work outdoors in all weather conditions; to work at heights or in confined spaces; to be exposed to hazardous materials; to operate power tools and equipment; to wear protective gear; to be called back to work during emergencies