



## PERSONNEL COMMISSION

**Class Code: 0242**  
**Salary Range: 34 (C2)**

### PLUMBER

#### JOB SUMMARY

Under general supervision, to perform journey-level plumbing work in the installation, alteration, maintenance, and repair of plumbing fixtures and systems; perform maintenance and repair on heating systems and related equipment; and to perform related duties as required

#### EXAMPLES OF DUTIES

*The classification specification does not describe all duties performed by all incumbents within the class. This summary provides examples of typical tasks routinely performed in this classification.*

- Install, repair and replace ferrous and non-ferrous metal pipe including black iron, galvanized iron, cast iron, ductile iron, asbestos concrete pipe, transite, copper and brass, also PVC, PE, ABS plastic pipe, clay pipe, orangeberg pipe and their appropriate fittings used in plumbing systems according to local, State, Federal standards specifications and codes. **E**
- Install, repair and replace materials using current and recognized methods for joining materials such as welding and cutting with oxygen and acetylene equipment, brazing and soldering with appropriate torches, cutting and fitting with pipe and tubing cutters, snap cutters, power threaders, solvent welding, no-hub banding, caulk and lead pipe joints. **E**
- Install, repair and replace carriers and hangers and set fixtures such as water closets, urinals, sinks, lavatories, tubs, showers (including gang showers) basins, pans, floor sinks, drinking fountains, garbage disposals; install with appropriate piping, valves, faucets, flush valves and necessary equipment etc. **E**
- Install, repair and replace potable hot water heating equipment such as water heaters, boiler packs, storage tanks, and related equipment, circulating pumps, safety relief valves, temperature control valves, piping and checks. **E**
- Install, repair, replace, test and certify backflow prevention devices such as reduce pressure principle, detector checks, double checks, pressure and non-pressure vacuum breakers; recognize and maintain appropriate air gap and air breaks on indirect systems. **E**
- Install, repair and replace fire protection pipelines, post indicator valves, flow indicators, fire sprinkler heads and support equipment. **E**
- Clean out fixtures, drains, and sewer systems using a variety of equipment such as hand augers, power drain and sewer machines. **E**

- Install, repair and replace swimming pool piping, valves and support equipment. ***E***
- Use a variety of specialized camera and electronic equipment for locating pipes, leak detection, backflow test gauges, pressure gauges, milivolt and volt testers. ***E***
- Operate trencher and backhoe to dig trenches; operate a jackhammer and concrete/asphalt saw and use a variety of hand tools such as picks and shovels; as needed, install shoring and ensure shoring meets safety standards and requirements. ***E***
- Direct the work of assigned maintenance personnel. ***E***
- Plan and lay out work for assigned tasks from sketches, drawings, and blueprints. ***E***
- Estimate materials for assigned jobs, order and buy materials from District warehouse or vendors. ***E***
- Operate a District vehicle; may pull a trailer, as needed. ***E***

*Note: At the end of some of the duty statements there is an italicized **E** which identifies essential duties required of the classification. This is strictly for use in compliance with the Americans with Disabilities Act.*

### **DISTINGUISHING CHARACTERISTICS**

A Plumber is a skilled worker independently performing a variety of journey-level plumbing work and related tasks. A Plumber often directs the work of other maintenance personnel to accomplish the assigned work. An incumbent normally receives work assignments from a Plumbing Supervisor or may be supervised by maintenance management personnel in the form of written and oral orders and often works from plans and specifications.

### **EMPLOYMENT STANDARDS**

#### **Knowledge of:**

Proper methods, materials, tools, and equipment used in the plumbing trade.  
Applicable plumbing codes and regulations including the Uniform Plumbing Code.  
Shop math applicable to the plumbing trade.  
Record keeping techniques.  
Lead abatement.  
Confined spaces.  
Appropriate safety precautions and procedures.

#### **Ability to:**

Perform skilled plumbing work.  
Understand and carry out oral and written instructions.  
Work from diagrams, blueprints, plans, and specifications.  
Plan and lay out plumbing work including estimating labor and material, for the task assigned.  
Perform shop mathematics.

Diagnose malfunctions and determine repair needs.

Maintain service and repair records.

Use the tools, equipment, and materials in the plumbing trade with skill including power tools such as power drain cleaning machines.

Maintain tools and equipment used and assigned in clean working order, providing proper security.

Establish and maintain effective relationships with those contacted in the course of work.

Operate a vehicle observing legal and defensive driving practices.

**Education and Training:**

Equivalent to graduation from high school supplemented by completion of a recognized four-year plumbing apprenticeship program or possession of a valid journey-level plumbing certificate or license issued from an authorized agency.

**OR**

**Experience:**

Four years of journey-level experience in plumbing installation, alterations and repair work.

Any other combination of training and/or experience, which demonstrates that the applicant possesses the required skills, knowledge and abilities, may be considered.

**SPECIAL REQUIREMENTS**

Valid Class C driver's license.

An applicant for this class will be required to obtain, at his/her own expense, and submit his/her motor vehicle driving record at the time of appointment. The record must meet and be maintained at the district's safe driving record standards. Failure to meet this requirement will result in the disqualification and/or rejection of the eligible regardless of any other standing.

A Backflow Testers License Issued by the Los Angeles County Health Department must be obtained by completion of the probationary period.

A Certificate issued by P.I.P.E. and a Los Angeles County Certificate showing acceptance by the State Fire Marshal in Fire Suppression Systems are desired.

Incumbents 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. Incumbents in this class are required to wear protective clothing, gear, and equipment as required by law and provided by the District.

**WORKING ENVIRONMENT**

Indoor and outdoors; inclement weather; work in tight spaces such as vaults, attics and under floors of buildings; dust; exposure to offensive vapors and fumes and sewage.

**PHYSICAL DEMANDS**

Heavy work; lifting; carrying; and/or pushing 100 lbs. with frequent lifting and/or carrying of objects weighing up to 50 lbs. dexterity of fingers and hands to operate hand and power tools and equipment; stooping, kneeling, crouching, and crawling under flooring, vaults and similar spaces.

*AMERICANS WITH DISABILITIES ACT*

Persons with certain disabilities may be capable of performing the essential duties of this class with or without reasonable accommodation, depending on the nature of the disability.

**APPOINTMENT**

In accordance with Education Code Section 45301, an employee appointed to this class must serve a probationary period of six (6) months during which time an employee must demonstrate at least an overall satisfactory performance. Failure to do so shall result in the employee's termination.

PCA: 8/11/1986  
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Revised: 9/24/2003  
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