



## JOB DESCRIPTION

### Plumber



<b>Reports to:</b>	Maintenance, Operations and Transportation Manager	<b>Employment Group / Salary Range:</b>	Classified Range Y
<b>Dept:</b>	Maintenance, Operations and Facilities	<b>FLSA:</b>	Non-exempt
<b>Annual Work Days:</b>	261	<b>Formal Review Date: Board Approval Date:</b>	9/15/23 10/2/23

### PRIMARY FUNCTIONS

Under general supervision, performs a variety of skilled, journey-level duties in the design, installation, maintenance and repair of plumbing and related water systems, fixtures and equipment; and performs related duties as assigned.

### ESSENTIAL DUTIES & RESPONSIBILITIES

The duties listed below are intended only as illustrations of the various types of work that may be performed. The omission of specific statements of duties does not exclude them from the position if the work is similar, related or a logical assignment to this class.

- Designs, installs, maintains and repairs plumbing systems in accordance with applicable building codes.
- Installs, maintains, repairs and services structural plumbing equipment including pumps, faucets, toilets, drinking fountains, fire sprinkler systems, water and sewer lines, washing machines and dryers, kitchen appliances and restroom facilities; repairs and replaces plumbing controls on kitchen and boiler equipment.
- Installs, repairs and replaces fixtures and equipment; repairs and replaces valves; lays out, installs and maintains plumbing systems; installs and tests backflow devices.
- Repairs water and gas leaks in service lines; replaces PVC, copper and galvanized pipes; cuts and threads pipes; solders and sweats copper joints/fittings; rebuilds faucets; repairs water supply pipes.
- Clears drains and obstructions in water and sewer systems; conducts pressure tests of water, gas and compressed air piping.
- Performs or assists with semi-skilled and skilled maintenance including irrigation, HVAC, painting, carpentry and basic electrical work.
- Operates a variety of light to medium trucks and equipment, specialized hand and power tools and test equipment; maintains tools and equipment in effective and safe working condition.
- Observes safe work methods and safety practices related to the work.

- Estimates labor, materials and equipment needed for assigned maintenance projects; compiles and prepares cost estimates; monitors and ensures adequate inventory levels of equipment and supplies; researches and recommends purchases of equipment and supplies as appropriate.
- Oversees and coordinates service contractors; may obtain quotes, estimates and timelines for contracted work; escorts contractors in building and facilities; inspects work performed for quality of service, adherence to plans/specifications and timeliness.
- Plans work from and maintains records in the form of blueprints, drawings, sketches, plans and specifications; maintains electronic maintenance records and requests including work order tracking; participates in meetings and safety training.
- Provides work guidance to a crew of maintenance employees for larger projects; monitors work for completeness, accuracy and conformance with District and departmental standards; provides information, instruction and training on work processes, proper uses of equipment and safe work practices.
- Oversees the safe and legal disposal of hazardous waste, chemicals and biological materials.
- Performs related duties as assigned.

## **QUALIFICATIONS**

### **Education and Experience:**

Any combination of experience and training that would likely provide the required knowledge and abilities is qualifying. A typical way to obtain the knowledge and abilities would be:

Graduation from an accredited vocational trade school or completion of a plumbing apprenticeship program, and three years of journey-level experience in the plumbing trade; or an equivalent combination of training and experience.

### **Licenses, Certificates and Other Requirements:**

- A valid California driver's license and the ability to maintain insurability under the District's vehicle insurance program may be required in some assignments.
- A Plumbing Contractor license is desired.

## **KNOWLEDGE, SKILLS AND ABILITIES**

### **Knowledge of:**

- Specialized tools, materials, practices and methods used in skilled plumbing repair and the installation/maintenance of general plumbing systems.
- Applicable building, plumbing and hazardous materials codes and ordinances.
- Operational characteristics of plumbing, water, sewer and gas systems.
- Backflow protection methods, practices and devices.
- Health and safety regulations.
- Technical aspects of the plumbing field.

- Applicable federal, state and local laws, rules and regulations including applicable OSHA rules and regulations.
- Mathematics applicable to area of assignment.
- Correct English usage, including spelling, grammar and punctuation.
- Recordkeeping, filing and basic purchasing procedures and expense reporting.
- Uses and operations of computers, standard business software and specialized database and spreadsheet applications.

**Skills and Abilities to:**

- Work independently with limited supervision.
- Perform skilled, journey-level plumbing in the maintenance and repair of water systems and fixtures.
- Diagnose and correct plumbing malfunctions.
- Use a variety of tools and equipment specific to the plumbing trade.
- Operate a variety of light and heavy equipment including a jackhammer, hand/power tools, backhoe, skip loader and trench digger.
- Perform building maintenance and repair work applicable to multiple building trades including electrical, locksmith, carpentry, painting and related areas.
- Determine work priorities during peak workload periods, using sound judgment in the application of policies, rules, regulations and standard operating procedures.
- Coordinate and inspect contracted maintenance work.
- Read, interpret and update blueprints, plans, specifications, manuals and diagrams of the District's plumbing infrastructure and systems.
- Estimate time, materials and equipment required to perform assigned duties.
- Prepare and maintain records accurately.
- Communicate effectively, both orally and in writing.
- Understand and follow written and oral instructions.
- Operate a computer and use standard business software.
- Establish and maintain effective working relationships with all those encountered in the course of work.
- Understand and be sensitive to and respectful of the diverse academic, socioeconomic, cultural, disability, and ethnic backgrounds of students, faculty and staff.

**PHYSICAL AND MENTAL DEMANDS**

The physical and mental demands described here are representative of those that must be met by employees to successfully perform the essential functions of this class. Reasonable accommodations may be made to enable qualified individuals with disabilities to perform the essential functions.

**Physical Demands:**

While performing the duties of this class, employees are regularly required to talk or hear, in person and by telephone; sit, walk and stand; use hands to finger, handle, feel or operate objects, tools or controls; reach with hands and arms; perform repetitive movements of hands or wrists; climb and work up to heights of 100 feet. The employee is frequently required to lift up to 50 pounds and occasionally up to 75 pounds. Specific vision abilities required by this job include close vision and the ability to adjust focus.

**Mental Demands:**

While performing the duties of this class, employees are regularly required to use written and oral communication skills; read and interpret data, information and documents; analyze and solve problems; observe and interpret situations; use math and mathematical reasoning; observe and interpret people and situations; learn and apply new information and skills; perform highly detailed work; work on multiple, concurrent tasks; work with frequent interruptions and under intensive deadlines.

**WORKING ENVIRONMENT**

The work environment characteristics described here are representative of those an employee encounters while performing the essential functions of this class. Reasonable accommodations may be made to enable qualified individuals with disabilities to perform the essential functions.

The employee regularly works in outside weather conditions, near moving mechanical parts, on slippery and uneven surfaces, and is frequently exposed to fumes or airborne particles, toxic or caustic chemicals, and risk of electrical shock. The noise level in the work environment is frequently loud.

The employee is required to travel to various campus sites, to respond to emergency situations and to adjust to work schedule changes and requirements to work overtime. Employee may be required to work nights and on weekends.

**EMPLOYEE CERTIFICATION OF JOB DESCRIPTION**

I hereby acknowledge I have read and understand the content of this job description. I have had the opportunity to ask questions and have those questions answered about the general duties and responsibilities of this job. I understand that the job description may be revised from time to time in the future by the Patterson Joint Unified School District Governing Board in consultation with my professional association as needed and where applicable.

I understand and agree nothing in this job description should be construed as a contract of employment. My employment with the Patterson Joint Unified School District is contingent upon execution of a signed contract approved by the board of trustees. Continued employment is subject to my adherence to board policy, state and federal laws, the collective bargaining agreement between my association and the district where applicable, and my performance evaluation.

I further acknowledge that it is my responsibility to notify my supervisor immediately in the event I may need reasonable accommodations to perform the primary functions, general duties and responsibilities, or the physical, mental and social requirements of this job.

\_\_\_\_\_  
*Employee Signature*

\_\_\_\_\_  
*Date*

\_\_\_\_\_  
*Name Printed*