



# Sequoia Union High School District

## Job Description

|                             |                                     |
|-----------------------------|-------------------------------------|
| <b>JOB TITLE:</b>           | <b>Maintenance Plumber</b>          |
| <b>REPORTS TO:</b>          | Director Maintenance and Operations |
| <b>CLASSIFICATION:</b>      | Classified / M&O                    |
| <b>SALARY SCHEDULE:</b>     | 17.0                                |
| <b>WORK - YEAR / HOURS:</b> | 12 months / 7.5 hours               |
| <b>LOCATION:</b>            | Site District                       |
| <b>BOARD APPROVAL:</b>      | 11/5/1997                           |

### DEFINITION

Under general supervision, to perform a variety of journey level work in the installation, maintenance, and repair of plumbing, heating, boiler, pool and drainage systems and equipment; and to perform related work as assigned.

### DISTINGUISHING CHARACTERISTICS

This is a full journey level classification working independently under general supervision and the accepted standards of the trade. This classification is distinguished from Lead Plumber which provides lead direction for larger jobs.

### EXAMPLES OF DUTIES

- Installs, repairs and replaces water supply and delivery piping systems up to 3" pipe using copper, galvanized and transite pipe methods, installs backflow prevention devices, and fixtures such as sinks, drinking fountains, and faucets;
- Installs, repairs, replaces and maintains sewer drain, waste and vent piping systems, storm sewers and dry sumps, using cast iron, ABS, galvanized and steel pipe methods, and fixtures such as toilets; clears clogged sewer lines;
- Installs, repairs and replaces gas and air pipes using black iron, coated iron, and schedule 80 plastic;
- Lays out and installs new piping systems for to replace old or for remodeling and classroom/lab conversions, including water, gas, air and drain/waste/vent systems;
- Maintains and repairs steam piping, valves, and low pressure boiler systems, package boilers, and atmosphere boilers; monitors boiler chemistry and adds anti-corrosive agents;
- Maintains, adjusts, repairs and replaces mechanical and air handling equipment such as pumps, ejectors, and compressors associated with heating, air, drainage, and pool systems; repairs or replaces gas furnaces, heat exchangers, heat valves, heat coils, valves, fans, vents, and filters;
- Installs and/or repairs heating system controls, adjusts, and instructs site staff in its use; troubleshoots control problems including use of computerized energy management system;
- Maintains, adjusts and repairs plumbing, mechanical, and chemical equipment for pools; monitors pool chemistry and makes corrections beyond the scope of pool operations staff;
- Maintains current knowledge of, and works in accordance to, health and building code

- regulations as related to plumbing, pool operations, water supply, and backflow prevention;
- Operates a wide variety of hand and power plumbing tools and equipment including pipe mule, threader, saws, torch, drill press, sewer jetter, grinders, wrenches, and test kits.
  - Operates backhoe, trencher, pick and shovel to excavate for new pipe systems; operates jackhammer to run pipes under floors;
  - Reads and updates blueprints; completes purchase orders for materials; completes time cards.
  - May use SCUBA gear to repair and replace pool components under water;

## QUALIFICATIONS

### Knowledge of:

Principles, methods, equipment and materials used in water, drain/waste/vent, gas, air and steam plumbing including techniques for copper, galvanized, steel, cast iron, black iron and transite pipe. Methods, materials, tools and equipment used in maintenance, repair and operations of boilers, heating, ventilating and air conditioning (HVAC), and energy management controls.

Operations, maintenance, repair and chemical balancing of pool systems, piping, and mechanical equipment.

Health and building codes as pertains to plumbing, pool operations, water supply, and backflow prevention.

Safety and safe working practices including protective clothing and devices.

### Skill in:

Installing and repairing water, drain/waste/vent, gas, air and steam plumbing.

Reading and interpreting blueprints and manuals.

Repairing, maintaining and balancing boilers, heating, ventilating and air conditioning (HVAC), including mechanical equipment.

Establishing and maintaining effective working relationships with those contacted in the course of the work.

A typical way of gaining the knowledge and skills outlined above is:

Equivalent to attainment of journey level status in plumbing and one year of journey level experience in plumbing.

## PHYSICAL REQUIREMENTS

The physical abilities required of this classification may include the following:

- Manual dexterity and arm strength to use plumbing and mechanical tools and equipment.
- Working in cramped spaces including attics, crawl spaces, and excavations.
- Working in exposure to temperature extremes, inclement weather, infectious bodily waste, and chemical liquids, solids and fumes associated with plumbing, pool operations, and boilers.
- Physical strength and stamina to perform sustained strenuous physical labor, and lift and carry up to 100 pounds.

## OTHER REQUIREMENTS

Must possess a valid California driver's license and have a satisfactory driving record