



# Sequoia Union High School District

## Job Description

<b>JOB TITLE:</b>	<b>Lead Maintenance Plumber</b>
<b>REPORTS TO:</b>	Director Maintenance and Operations
<b>CLASSIFICATION:</b>	Classified / M&O
<b>SALARY SCHEDULE:</b>	12.0
<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 provide lead direction for the plumbing unit; to perform a variety of journey level work in the installation, maintenance, and repair of plumbing, heating, boiler, pool and drainage systems and equipment; to program and operate the District's computerized energy management system; and to perform related work as assigned.

### DISTINGUISHING CHARACTERISTICS

This is a lead level classification providing lead supervision to others, and performing journey level plumbing for a wide variety of District properties and equipment. This classification works under general supervision and principles and practices of the trade.

### EXAMPLES OF DUTIES

- Plans, lays out and orders materials for large plumbing projects such as major renovations or expansions;
- Prioritizes daily work, and provides lead direction to plumbers working on large projects;
- Orders supplies and maintains inventory of standard plumbing parts, supplies, and equipment;
- Coordinates with and oversees vendors providing supplies and services for plumbing, heating, certified welding, boiler repairs, and other services;
- Inspects completed work and monitors system status such as boiler and pool chemistry;
- Programs and oversees operation of the District's computerized energy management system;
- 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 iron and schedule 80 plastic pipe;
- Maintains and repairs steam piping, valves, and low pressure boiler systems;
- 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 and manuals.

## QUALIFICATIONS

### Knowledge of:

- Programming and control of computerized energy management systems.
- 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 and ventilating systems, 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:

- Providing lead direction to others.
- Overseeing vendors providing services and supplies.
- Installing and repairing water, drain/waste/vent, gas, air and steam plumbing.
- Reading and interpreting blueprints and manuals.
- Repairing, maintaining and balancing boilers, heating and ventilating systems, 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 two years 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 strenuous physical labor, and lift/carry up to 100 pounds.
- Mobility to walk, climb, stoop, kneel, crawl and work in awkward positions.
- Sense of smell to detect and locate gas leaks.
- Vision sufficient to operate equipment, and vehicles; read and interpret blueprints and work orders.

- Speech and hearing sufficient to give and receive information and instructions.

**OTHER REQUIREMENTS**

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