

**MAINTENANCE PLUMBER/WELDER****DEFINITION**

Under general direction of the Director of Maintenance to do skilled plumbing and welding work in the installation, maintenance, and repair of school buildings, structures, equipment and to do related work as required.

**DISTINGUISHING CHARACTERISTICS**

This class requires skills in both the plumbing and welding trades. An incumbent is responsible and accountable for journey level work in maintenance and repair of facilities and in fabrication and installation of fixtures and equipment. An incumbent may also perform miscellaneous types of maintenance work as required; may supervise helpers. Incumbents may be required to perform standby alert duty during off-duty hours.

**ESSENTIAL FUNCTIONS**

Responsible for carrying out preventive maintenance programs.

Installs, maintains and repairs plumbing equipment and fixtures.

Repairs water, gas, and sewer systems.

Repairs or replaces faucets, valves, control devices, garbage disposals, pumps, hot water heaters, boilers, hydrants, drinking fountains, etc.

Operates pipe cutters, reamers, threading machines, sewer tapes and cables, and other plumbing tools and equipment.

Works from sketches, drawings, and blueprints to install, connect and repair facilities including dish and clothes washing machines; vacuum breakers, backflow devices and gas safety appliances; steam tables, lavatories, floor and chemistry sinks; floor, roof, yard, shower and other drains; sump and circulatory pumps; hot water heaters and tanks; showers, swimming pools, gas ranges, valves, fittings and appurtenances; and copper, lead, brass, iron, steel, tile, and other pipes and their fittings.

Fabricates and installs metal work including cutting, forming, bending, welding, riveting, soldering, sweating, and seaming.

Repairs fences, playground equipment.

**QUALIFICATIONS****Knowledge of:**

Modern methods, techniques, and materials used in the plumbing and welding trades; characteristics and qualities of various metals and their uses; appropriate building and safety code requirements; mechanical drawing and blueprint reading; tools and equipment used in the trade.

**Ability to:**

Understand and work from sketches, drawings, plans, and blueprints; operate and use equipment and tools of the plumbing and welding trades; install, repair, and maintain all types of plumbing fixtures and equipment; maintain cooperative relationships with those contacted in the course of work; operate both electric arc and oxygen-acetylene welding equipment; rig and work from ladders and scaffolding; correctly demonstrate sufficient strength, mobility, and range of motion to arm lift 60 pounds and floor lift 60 pounds in an employee entrance evaluation.

**Experience:**

Three years experience in the plumbing/welding trades.

**Education:**

Equivalent to completion of the twelfth grade.

**License and Permits:**

Possession of a valid California Class C driver's license. May be required to obtain backflow prevention permit and/or playground equipment inspector permit.