

RIVERSIDE UNIFIED SCHOOL DISTRICT

**CLASS TITLE: MAINTENANCE AND OPERATIONS SPECIALIST II–
PLUMBING and AQUATIC
(Range 33)**

BASIC FUNCTION:

Under the direction of an assigned supervisor, perform a wide variety of highly skilled tasks related to the mechanical trades plumbing and aquatic shop; evaluate work requests and distribute to assigned plumbing and aquatic staff; conduct inspections of work in progress and completed work to assure compliance with established guidelines and procedures; estimate time and material cost; schedule and assign work to assigned plumbing and aquatic staff.

REPRESENTATIVE DUTIES:

Perform journey-level mechanical maintenance work in the repair, service, installation and alteration of plumbing fixtures; work from blueprints and sketches. *E*

Repair, remove and replace sewer lines and laterals, gas lines and regulators, hot water heaters, pool heaters, drinking fountains, faucets, toilets and other equipment and systems. *E*

Install, repair and test hot water, tap water plumbing systems, diagnose malfunctions and determine repair needs. *E*

Connect water mains, timers and controls. *E*

Repair and adjust low pressure heating and ventilation equipment. *E*

Install, service, maintain, regulate, repair and replace plumbing lines, fixtures, fittings and equipment. *E*

Operate a variety of inspection and specialized repair equipment including power roto-rooters, power snakes and a variety of power and hand tools. *E*

Unclog drains and rain gutters.

Evaluate work requests and distribute to assigned plumbing and aquatic staff. *E*

Coordinate the work of assigned plumbing and aquatic staff duties; conduct inspections of work in progress and completed work to assure compliance with established guidelines and procedures. *E*

Order and maintain inventory of equipment and supplies; conduct periodic physical inventory as assigned. *E*

Diagnose problems and arrange for repairs in the assigned maintenance area(s); travel to District locations to conduct inspections and prepare estimates. *E*

Develop or assist in the development of work schedules; assign tasks to plumbing and aquatic staff. *E*

Provide in-service training for assigned personnel; train assigned staff in the proper operation of related equipment and safety techniques as assigned. *E*

Prepare and file regular reports on the condition of assigned facilities. *E*

Perform related duties as assigned.

KNOWLEDGE AND ABILITIES:

KNOWLEDGE OF:

The use and care of commonly used and specialized hand and power tools required in the installation, repair and maintenance of District facilities.

Principles, methods, equipment, tools and materials of journeyman-level plumbing work.

Applicable mechanical, electrical, plumbing and safety codes and regulations.

Methods, materials, equipment and tools used in hazmat swimming pool procedures, maintenance and operations.

Electrical, plumbing, solar, basic chemistry and combustion.

Basic record-keeping techniques.

Health Department and safety regulations policies related to commercial pools.

Energy Management Systems (EMS), Direct Digital Control (DDC) and related systems.

Pool chemical controllers and how they relate to computers and EMS.

ABILITY TO:

Read and write program code using District related EMS programming languages.

Adapt to changes in controllers, equipment, configuration, programming language and technology.

Prepare clear, complete and concise EMS records and reports.

Read and use a chemical dosing chart.

Perform journeyman-level work in the repair, inspection, servicing and alteration of plumbing systems and related equipment.

Follow oral and written directions.

Read and interpret blueprints and installation instructions.

Perform skilled maintenance work.

Present oral and written reports.

Develop projected needs for labor, parts and equipment based upon estimated workload.

Operate light and medium weight vehicles.

Establish and maintain effective relationships with others.

Effectively operate a computer/laptop and commonly used job related software programs.

EDUCATION AND EXPERIENCE:

Maintenance and Operations Specialist II- Plumbing and Aquatic
Position Established – 6/2014

E = Essential Duties

Any combination equivalent to: graduation from high school and four years' experience as a plumber, including at least two years at a journeyman-level.

LICENSES AND OTHER REQUIREMENTS:

Possess and maintain a valid and appropriate California driver's license.

Must possess and maintain a current Aquatic Facility Operator (AFO) or Certified Pool Operator (CPO) certification or successfully obtain the certification within the first six (6) months of employment.

WORKING CONDITIONS:

ENVIRONMENT:

Indoor and outdoor environments.

Driving a vehicle to conduct work.

Working around swimming pools.

PHYSICAL ABILITIES:

Must be able to swim.

Seeing to diagnose problems.

Dexterity of wrists, hands and fingers to operate assigned equipment.

Perform heavy manual labor.

Hearing and speaking to exchange information, make presentations, and train staff.

Lift, push, pull or carry heavy objects.

Standing for extended periods of time.

Bending at the waist.

Crawling, crouching and kneeling to conduct work.

Reaching overhead, above the shoulders and horizontally.

HAZARDS:

Exposure to offensive or unhealthy vapors and fumes.

Exposure to pool chemicals.

Exposure to high pressure bottles of CO₂ (3,000 psi).

Electrical power supply and high voltage.

Working in a cramped or restrictive work chamber.