



Position **Water Facilities Operator III**

Reports to Water Operations Supervisor

Basic Function

Under general supervision, performs a variety of skilled assignments related to the operations, maintenance and construction of the potable and non-potable water systems.

Supervision

Reports to the Water Operations Supervisor; may receive direction and general supervision from the Lead Water Facilities Operators. May lead a small crew when assigned to a specific project or task.

Distinguishing Characteristics

This is a journey level position in the Water Facilities Operator series. At this level incumbent perform complex and skilled work tasks and exercises broad discretion and independent judgment. The position may assume a lead role to perform certain duties and emergency repairs as necessary.

Typical Duties

Duties may include, but are not limited to, the following:

Operate, inspect, maintain, repair and calibrate the potable and non-potable water facilities, including wells, valves, chlorinators, chemical feed equipment, boosters, pressure regulating and sustaining valves, pressure filters, motors, electrical controls, recording and measuring devices; report unusual operating conditions and major repair needs; take water samples and perform analytical and bacteriological tests as required; record readings, document laboratory quality control programs and maintain other pertinent data; keep facilities clean and in order, perform maintenance functions; isolate leaks and take appropriate measures to minimize outages and protect public health; monitor and inspect pertinent contracted work with outside agencies; observe all safety and environmental precautions; prepares various reports for management and regulatory agencies.

Inspect tools, equipment and vehicles for condition, diagnose problems and determine needed repairs; obtain required parts and supplies; perform minor repairs to gasoline and diesel engines; operate test equipment; interpret service manuals and perform maintenance per manufacturer's recommendations; understand schematics and parts lists; develop and administer preventative

maintenance programs; use small hand tools in the maintenance and repair of electronic and related equipment; keep records and prepare status reports.

Diagnose and repair electro-mechanical equipment; administer preventative maintenance programs for electro-mechanical equipment and perform efficiency tests on wells and booster pumps.

Perform other related duties as assigned. May fill other roles and train new field personnel as required.

Minimum Qualifications

Knowledge

Principles and procedures of water treatment and distribution, including water quality methods, materials, equipment and tools used in the maintenance and repair of water systems; operating characteristics of pumps, valves, motors and a variety of equipment and tools used in water production and distribution; principles and practices of plumbing, electrical work, hydraulics and water quality; federal, state and local regulations governing water quality; safety aspects and precautions in field maintenance work; modern technology applications related to water utilities.

Abilities

Work independently prioritizing, using solid judgement and problem solving skills; operate heavy equipment, including a backhoe, loader and dump truck; keep accurate, clear and organized records both manually and electronically; utilize various office and field technology and equipment; tactfully and effectively communicate with the public, contractors and staff.

Education and Experience

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

Experience: Three years of work in water system maintenance and operations gaining required competencies.

Education: Completion of high school or its equivalent, supplemented by specialized courses in water distribution and production systems. Additional related education may be substituted for experience or experience might be substituted for education.

Physical Demands

This position requires sufficient strength and stamina to perform heavy physical labor and must be able to sit, stand, walk on level unlevel or slippery surfaces, stoop, crouch, squat, bend, turn, twist, kneel, grasp, push, pull, reach and climb ladders in the performance of daily duties. The

ability to lift, carry and push tools, equipment and supplies weighing up to 60 pounds while wearing personal protective equipment is also required. In addition, it requires vision, hearing, balance, and hand eye coordination appropriate to perform maintenance and repair work and to operate power tools and heavy equipment.

Working Environment

Work takes place outdoors in a variety of weather conditions, including wet, heat and cold and may include exposure to dust, dirt, chemicals, fumes and other contaminants, noise producing tools and equipment, machinery with moving parts, around moving equipment and vehicle traffic. Some work may take place below ground, overhead, in confined spaces or on ladders.

License or Certification

Must possess either a Grade II Water Treatment Operator (T2) or a Grade III Water Distribution Operator (D3) Certification issued by the California Water Resources Control Board. Must obtain both a Grade II Water Treatment Operator (T2) and Grade III Water Distribution Operator (D3) Certifications within 18 months from the date of hire. Must possess a California Driver License and have a clean driving record. Possessing a Grade II Water Treatment Operator (T2) and a Grade III Water Distribution Operator (D3) Certification is highly desirable.

Other Requirements

Must be available for shift work, on-call duty assignment and call-back work; must be willing to wear a uniform and must reside within a 30-minute response time by the end of probationary period.

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