

**VALLEY CENTER MUNICIPAL WATER DISTRICT**  
**SENIOR CONSTRUCTION/MAINTENANCE TECHNICIAN**

**DEFINITION**

Under general supervision of the Construction/Maintenance Supervisor or Meter Services Supervisor, incumbents perform the most complex activities related to construction maintenance.

**CLASS CHARACTERISTICS**

This is the advanced-journey level class in the Construction Maintenance Technician series. Incumbents are fully competent and are expected to perform the full range and the most complex duties related to meter installation; installation, maintenance and repair of pipelines and related appurtenances. Incumbents are crew leaders and as such are responsible for establishing schedules, assigning work to crews, maintaining supplies, handling serious complaints, preparing reports, and assuming the responsibilities of the supervisor in their absence. Incumbents may work a varied work week, different shifts, stands duty, must be able to respond to emergencies as necessary and may be required to work in wastewater facilities to include collection, distribution and reclamation.

**ESSENTIAL DUTIES**

*The duties listed below are intended only as illustrations of the various types of work that may be performed. The omission of specific statements of duties does not exclude them from the position if the work is similar, related, or a logical assignment to this position.*

Serves as crew leader which includes; establishing schedules, maintaining supplies, handling serious complaints, preparing a variety of reports, training lower level staff on work practices and procedures, and assuming the responsibilities of the supervisor in their absence; ensuring a high level of customer service.

Operates and assists in maintaining a variety of heavy construction equipment, vehicles, machinery, power and hand tools including, but not limited to: dump trucks, backhoes, skip-loaders, bulldozers, graders, forklifts, asphalt and concrete saw cutters, pipeline tapping tools, trenchers, rollers, hydraulic shoring equipment, jackhammer/digging spades, pneumatic tampers/pompoms, whackers, welding equipment, oxyacetylene torches, and grinders in the installation, construction, maintenance, and repair of water distribution components, District facilities, properties, equipment, roads, and easements.

Performs troubleshooting, repair, maintenance, installation and adjustments to a variety of District components which includes the use of oxyacetylene, torch and arc welding equipment; performs welding and brazing, cuts and preheats metals, straightens and does pipeline layouts.

Locates, tests, operates, repairs, maintains, and installs mechanical equipment and components including valves, air vacs, fire hydrants, underground piping systems and related appurtenances; fabricates, repairs and installs a wide variety of equipment, including welding dissimilar materials; repairs fire hydrants and pipelines (sewer and water).

Performs all related work including leak detection, welding and cutting, road repairs, painting and upgrading of District appurtenances; performs cleaning, greasing and related mechanical work and interprets plans, specifications, "as-builts" and quad books for work location; performs work on pipelines, valves and appurtenances accordingly; may work underground in structures to remove obstructions or make repairs.

Performs manual labor as needed; observes safe work methods and safety precautions related to the work; makes estimates of labor and required materials, supplies and equipment.

Performs other duties as assigned.

### **QUALIFICATIONS GUIDELINES**

**Knowledge of:** Supervisory principles and practices; all sizes and types of valves and valve maintenance procedures; basic principles and practices involved in underground water distribution system maintenance and repair; mechanical principles related to the maintenance and repair of valves, air vacs and other mechanical equipment; road grading, dozer and backhoe operations; operation and maintenance of a wide variety of equipment, hand and power tools and machinery used in the work; telephone and radio communications; principles, practices and equipment used in electric arc and oxyacetylene welding; using a computer and related software applications; safe work conditions, methods and safety practices and precautions pertaining to the work; basic first aid and CPR techniques; record keeping practices pertaining to the work; and shop mathematics.

**Ability to:** Lead and monitor subordinate employees in departmental practices and procedures, monitor and assign work, develop procedures, and train employees on work methods; maintain, repair and replace all types of valves, air-vacs and components; perform varied mechanical maintenance and repair work; diagnose problems and determine appropriate action; read, interpret and work from sketches, valve books, blueprints and specifications; perform a variety of manual and semi-skilled tasks related to pipeline, easement and fire hydrant maintenance; fit, measure and install pipes and fittings; operate a backhoe, dozer and grader; weld and fabricate pipe and structures; keep accurate records and prepare reports; read "as-built" valve books and District maps for locating components; determine correct shut down procedures, valve operations and reactivation procedures; communicate clearly and concisely, and be understood while using the District's radio communication system; and, establish and maintain effective working relationships with other employees and those contacted in the course of the work.

### **EDUCATION, EXPERIENCE, LICENSES AND CERTIFICATIONS**

**Education:** Equivalent to a High School Diploma.

**Experience:** A minimum of two years of experience as a Construction Maintenance Technician III, or its equivalent; or an equivalent combination of education and experience sufficient to successfully perform the essential duties of the job such as those listed above.

**License and Certifications:** California Class A Driver's License; State Water Resources Control Board (SWRCB) Water Distribution Operator's Certificate, Grade D3; Welding Certificate, ASME Section 9

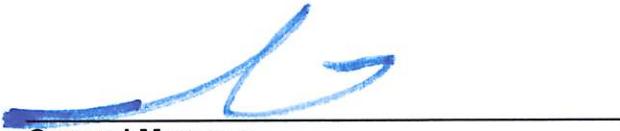
### **PHYSICAL DEMANDS AND WORK ENVIRONMENT**

*The physical demands and work environment described here are representative of those that must be met by an incumbent to successfully perform the essential functions of this job. Reasonable accommodations may be made to enable individuals with disabilities to perform the essential functions.*

**Physical Demands:** While performing the duties of this job, the incumbent is regularly required to use hands and fingers to grasp and feel or operate objects, tools, or controls and reach with hands and arms. The incumbent frequently is required to walk, stoop, kneel, crouch, climb, balance, stand, talk and hear. The incumbent is occasionally required to sit. The incumbent must frequently lift and/or move from 10 to 25 pounds and occasionally lift and/or move from 50 to 100 pounds. Specific vision abilities required by this job include close vision, distance vision, color vision, peripheral vision, depth perception, and the ability to adjust focus. May be required to medically qualify and wear a District approved respirator.

**Work Environment:** While performing the duties of this job, the incumbent regularly works in outside weather conditions. The incumbent frequently works near moving mechanical parts and is exposed to wet and/or humid conditions and vibration. The incumbent occasionally works in high, precarious places and is occasionally exposed to fumes, toxic or caustic chemicals or airborne particles. The noise level will range from moderate to very loud.

POSITION DESCRIPTION APPROVED:



General Manager



11/5/2020

Date