



San Juan Water District
9935 Auburn Folsom Road
Granite Bay, California 95746
(916) 791-0115
www.sjwd.org

Position Description

Facilities Maintenance Technician II

Status: FLSA Non-Exempt, Safety Sensitive
Supervisor: Facilities Maintenance Lead
Effective Date: July 16, 2026

Supervision Received and Exercised

Receives direct supervision from the Facilities Maintenance Lead and general supervision from the Facilities Maintenance Manager. May provide technical guidance and training to Facilities Maintenance Technician I employees and assist with oversight of contractors and assigned projects.

Primary Function

To perform skilled maintenance, inspection, operation, troubleshooting, repair, and installation duties in support of the District's facilities, treatment facilities, pump stations, reservoirs, transmission and storage facilities, metering equipment, buildings, grounds, and related infrastructure. Incumbents work independently on routine and moderately complex assignments and are expected to diagnose equipment failures, develop repair solutions, perform mechanical and electrical maintenance activities, and support reliable District operations.

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

- Establish and maintain positive working relationships with co-workers, District employees, contractors, vendors, and the public.
- Perform preventative, predictive, and corrective maintenance on District facilities, buildings, grounds, reservoirs, storage facilities, treatment facilities, pump stations, and related infrastructure.
- Operate and monitor pump stations, reservoirs, storage facilities, and related equipment consistent with District procedures and regulatory requirements.
- Utilize SCADA systems, operational data, field observations, gauges, charts, and monitoring equipment to evaluate system performance, diagnose issues, and support operational decisions.
- Perform routine and advanced inspections of facilities, equipment, tanks, reservoirs, transmission facilities, pump stations, and grounds; identify deficiencies and recommend corrective actions.
- Independently perform preventative maintenance on pumps, motors, valves, control valves, gearboxes, HVAC systems, plumbing systems, instrumentation, electrical equipment, and other facility assets.
- Troubleshoot, repair, overhaul, replace, align, calibrate, and adjust mechanical and electrical equipment for optimal performance.
- Develop systematic repair plans through troubleshooting, diagnostics, inspections, and analysis of equipment failures.
- Install, maintain, troubleshoot, repair, and test pumps, motors, piping systems, valves, control systems, rotating equipment, and related infrastructure.

- Perform minor electrical work including conduit installation, equipment disconnects and reconnects, electrical isolation, wiring modifications, motor connections, and basic control system troubleshooting.
- Read and interpret blueprints, schematics, electrical diagrams, mechanical drawings, technical manuals, and specifications.
- Utilize precision measuring instruments, testing devices, diagnostic equipment, and calibration tools.
- Perform welding, fabrication, metal repair, and modification work in support of maintenance and improvement projects.
- Perform facility maintenance activities including painting, replacing lighting, changing filters, assembling shelving, moving equipment and furniture, and completing minor building repairs.
- Perform grounds maintenance activities including sweeping, pressure washing, weed control, sanding, painting, and general site upkeep.
- Assist in water quality monitoring, pressure management, storage management, and distribution system reliability activities.
- Participate in the development, implementation, scheduling, and continuous improvement of preventative maintenance and asset management programs.
- Research parts, materials, equipment, repair methods, and maintenance solutions; coordinate with vendors and suppliers regarding equipment specifications and replacement options.
- Utilize the District's Computerized Maintenance Management System (CMMS) to document inspections, maintenance activities, repairs, labor, equipment history, and inventory usage.
- Conduct safety inspections of facilities, equipment, vehicles, and work areas.
- Coordinate and provide technical oversight of contractors performing maintenance, repair, or construction activities.
- Provide technical training, mentoring, and guidance to Facilities Maintenance Technician I employees.
- Maintain shops, vehicles, tools, and equipment in a clean, safe, and orderly condition.
- Comply with District safety programs and procedures including Lockout/Tagout (LOTO), Confined Space Entry, Arc Flash, Respiratory Protection, Hearing Protection, Heat Illness Prevention, Job Hazard Analysis (JHA), Personal Protective Equipment (PPE), and all applicable Cal/OSHA requirements.
- Respond to emergency maintenance assignments, after-hours callouts, equipment failures, and standby assignments as required.
- Perform related duties as assigned.

Minimum Qualifications

Knowledge of:

- Principles, practices, and methods of maintaining treatment facilities, transmission facilities, storage facilities, reservoirs, pump stations, metering equipment, buildings, and related infrastructure.
- Mechanical maintenance and repair practices for pumps, motors, valves, rotating equipment, and process systems.
- Electrical principles, practices, troubleshooting methods, and safe electrical work procedures.
- SCADA systems, monitoring equipment, and operational control systems.
- Welding, metal fabrication, and maintenance construction practices.
- Preventative maintenance and asset management principles.
- Safe work practices and District safety programs.
- Computer applications including Microsoft Office, CMMS, and operational software systems.

Ability to:

- Independently troubleshoot, diagnose, repair, and maintain mechanical and electrical systems.
- Interpret SCADA information, charts, gauges, meters, and measuring devices.
- Read and interpret blueprints, schematics, electrical diagrams, technical manuals, and engineering drawings.
- Perform welding and fabrication work.
- Develop repair plans and recommend solutions to operational and maintenance problems.
- Provide technical guidance and training to less experienced employees.
- Utilize computers, CMMS software, SCADA systems, and maintenance technology.
- Communicate effectively both orally and in writing.
- Establish and maintain effective working relationships with employees, contractors, vendors, and the public.

Experience and Education:

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

Education:

Equivalent to graduation from high school.

Experience:

Two (2) years of experience performing duties equivalent to Facilities Maintenance Technician I with San Juan Water District, or equivalent experience in industrial maintenance, water treatment, water distribution, pump stations, facilities maintenance, electrical maintenance, mechanical maintenance, or related utility operations. Positions in this class are normally filled through advancement from the Technician I level after demonstrating the ability to independently perform the responsibilities required at the journey level.

License or Certificate:

- Possession of a valid California Class C Driver License.
- Possession of a Grade D2 Water Distribution Operator Certificate issued by the State Water Resources Control Board.
- Possession of a Grade T2 Water Treatment Operator Certificate issued by the State Water Resources Control Board.
- Ability to obtain and maintain any additional District-required certifications applicable to the position.
- Required participation in standby and emergency response assignments.

Physical Capabilities

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

<i>Physical Requirements</i>	<i>Rarely (0-12%)</i>	<i>Occasionally (12-33%)</i>	<i>Frequently (34-66%)</i>	<i>Regularly (67-100%)</i>
Seeing				✓
Hearing				✓
Standing/Walking			✓	
Climbing/Stooping/Kneeling		✓		
Lifting/Pulling/Pushing			✓	
Approximate Maximum Weight to Lift			75 Pounds	
Fingering/Grasping/Feeling				✓
Describe Working Conditions	Approximately 40 percent indoors and 60 percent outdoors. Work may be performed in treatment facilities, pump stations, reservoirs, storage facilities, maintenance shops, District buildings, construction sites, and other indoor and outdoor environments exposed to varying weather conditions.			