



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

Position Description

Facilities Maintenance Technician III

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. Provides technical leadership, training, and work coordination for Facilities Maintenance Technicians I and II. May serve as project lead and coordinate the work of contractors, vendors, and maintenance crews.

Primary Function

To perform advanced maintenance, troubleshooting, repair, installation, operational, and project coordination duties related to the District's facilities, treatment facilities, pump stations, reservoirs, transmission and storage facilities, metering equipment, buildings, grounds, and related infrastructure. Incumbents serve as advanced-level technicians responsible for diagnosing complex equipment and system failures, leading maintenance projects, developing maintenance procedures, and providing technical expertise to maintenance and operations staff.

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, consultants, engineers, and the public.
- Perform all duties of Facilities Maintenance Technician II.
- Lead complex maintenance, repair, rehabilitation, and equipment replacement projects.
- Independently diagnose and resolve complex mechanical, electrical, instrumentation, controls, and operational issues.
- Analyze equipment failures and develop long-term corrective actions and repair strategies.
- Operate and optimize pump stations, reservoirs, pressure zones, transmission facilities, and storage systems.
- Utilize SCADA systems, telemetry systems, operational data, trends, alarms, and field information to identify operational concerns and optimize facility performance.
- Perform advanced troubleshooting of pumps, motors, variable frequency drives (VFDs), controls, valves, instrumentation, and electrical systems.
- Plan and coordinate shutdowns, equipment outages, facility repairs, and maintenance activities.
- Review operational and maintenance data to identify reliability improvements and asset management opportunities.
- Assist with commissioning, startup, testing, and acceptance of new equipment and facility improvements.
- Coordinate maintenance projects with Operations, Engineering, and outside contractors.
- Develop, review, and update Standard Operating Procedures (SOPs), maintenance procedures, and work instructions.

- Assist in planning and prioritizing preventative maintenance, corrective maintenance, and capital improvement activities.
- Perform advanced welding, fabrication, alignment, calibration, and precision maintenance activities.
- Conduct root cause investigations of equipment failures and system deficiencies.
- Serve as a technical resource for maintenance and operations personnel.
- Train and mentor Facilities Maintenance Technicians I and II.
- Evaluate contractor work for compliance with plans, specifications, safety requirements, and District standards.
- Research equipment upgrades, replacement technologies, maintenance methods, and operational improvements.
- Maintain detailed maintenance, operational, and project records utilizing CMMS, SCADA, and other District systems.
- Participate in emergency response, standby assignments, after-hours callouts, and system recovery efforts.
- Ensure compliance with District safety programs and applicable regulatory requirements.
- Perform related duties as assigned.

Minimum Qualifications

Knowledge of:

- Advanced principles and practices of maintaining treatment facilities, transmission systems, storage facilities, reservoirs, pump stations, and related infrastructure.
- Advanced mechanical maintenance and troubleshooting techniques.
- Industrial electrical systems, controls, motors, motor controls, and instrumentation.
- SCADA systems, telemetry systems, and operational monitoring systems.
- Preventative, predictive, and reliability-centered maintenance principles.
- Asset management concepts and maintenance planning practices.
- Welding, fabrication, machining, and equipment alignment techniques.
- Water distribution and storage system operations.
- Applicable safety regulations, District policies, and industry best practices.
- Computer software applications including CMMS, SCADA, Microsoft Office, and maintenance-related software.

Ability to:

- Independently diagnose and resolve complex operational and maintenance problems.
- Interpret technical manuals, engineering plans, blueprints, electrical schematics, and control drawings.
- Analyze SCADA data, operational trends, equipment performance, and system conditions.
- Lead maintenance projects and coordinate multiple work activities.
- Develop and implement maintenance procedures and repair plans.
- Perform advanced troubleshooting of mechanical, electrical, and control systems.
- Train and mentor maintenance personnel.
- Coordinate contractor activities and evaluate work quality.
- Effectively communicate technical information both verbally and in writing.
- Maintain effective working relationships with staff, contractors, consultants, engineers, vendors, and regulatory agencies.

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.

Additional technical, vocational, college-level, or manufacturer-based training in maintenance, electrical systems, instrumentation, controls, mechanical systems, or related fields is highly desirable.

Experience:

Four (4) years of progressively responsible experience in facilities maintenance, water treatment, water distribution, pump station maintenance, industrial maintenance, mechanical maintenance, electrical maintenance, or related utility operations, including at least two (2) years performing duties equivalent to Facilities Maintenance Technician II.

Must demonstrate advanced knowledge of mechanical and electrical systems, independent troubleshooting ability, and the capacity to lead projects and provide technical direction.

License or Certificate:

- Possession of a valid California Class C Driver License.
- Possession of a Grade D3 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 office buildings, maintenance shops, pump stations, reservoirs, treatment facilities, construction sites, and outdoor environments exposed to varying weather conditions.			