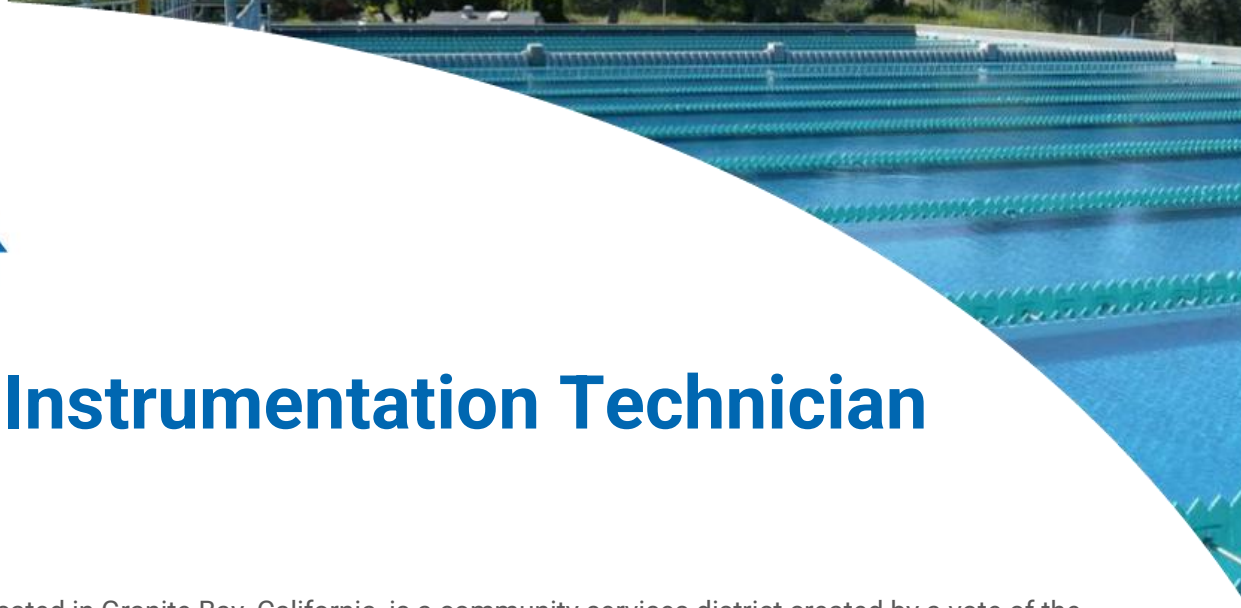

Electrical Instrumentation Technician

ABOUT US

San Juan Water District, located in Granite Bay, California, is a community services district created by a vote of the citizens in 1954. The District provides wholesale water to more than 160,000 people and retail to 30,000 people living in eastern Sacramento and southern Placer Counties. The District wholesales water to Citrus Heights, Fair Oaks and San Juan (retail) Water Districts, Orange Vale Water Company and the City of Folsom with surplus treatment capacity available to Sacramento Suburban Water District. The District provides treatment and delivery of more than 50,000 acre-feet of water per year to wholesale and retail customers.

The District receives water directly from Folsom Reservoir through U.S. Bureau of Reclamation facilities at Folsom Dam. Water is treated at the Sidney N. Peterson Water Treatment Plant, which is rated up to 150 MGD. The District's Retail Service Area has approximately 205 miles of pipeline, eight pressure zones, nine pump stations, and three storage facilities. The District's Wholesale conveyance system is gravity fed with meter stations at all turnouts to our Wholesale Customers.

With rich history dating back to the Gold Rush era, the District has served the community for more than 150 years. The District's highest priority is to provide reliable, high-quality water to its customers – every day, year in and year out. The District is significantly involved in reshaping California's water dialogue.

THE POSITION

The Electrical Instrumentation Technician is part of the Operations team, performing specialized and technical duties associated with the troubleshooting, maintenance, installation and repair of electrical gear, breakers, electronic equipment, and instrumentation controls associated with surface water treatment plant, pump stations, distributions system facilities, wholesale meters, and medium voltage solar site component.

Duties Include:

- Performing corrective and preventative maintenance on electrical switchgear, breakers, transformers, process control systems, flowmeters, transmitters, gauges and other instrumentation and control equipment.
- Performing skilled duties related to the troubleshooting, maintenance, repair, installation, and testing of instrumentation, Programmable Logic Controller's (PLC's), telemetry, electrical and electronic components and instruments used in treatment plants, distribution systems and solar fields.
- Recognizing, identifying and correcting problems with control and instrumentation equipment.
- Planning, installing and maintaining sophisticated electrical, instrumentation, and control systems; developing and using diagnostic problem solving techniques.
- Inspecting, adjusting, installing, calibrating, and repairing electrical and electronic equipment such as Variable Frequency Drives (VFD's), breakers, transformers, motors, transducers, motor control centers, switches, wiring, electronic circuits, meter transmitters, (Cl2) sensors, and related devices.
- Installing, maintaining, calibrating, and troubleshooting control systems and water quality instruments, analyzers and electrical systems as they relate to water treatment, distribution, and solar systems.
- Working collaboratively with engineering to maintain and modify drawings of District's Electrical Systems, PLC's and SCADA systems.
- Assisting in new project design, inspection, installation, and troubleshooting of electrical Systems, including but not limited to, submittals, RFIs, change orders, site layout and planning of specific drawings.

THE IDEAL CANDIDATE

To be considered, candidates should be knowledgeable of principles and practices of electrical theory and electrical circuits, practices and techniques used in the design, installation, testing, calibration, maintenance and repair of radio telemetry, cellular communication, 4160V solar field, electrical and electronic equipment, instrumentation and controls as they relate to water treatment and distribution systems.

The qualifications include:

- Graduation from high school or equivalent with additional supplementary course work in electrical, electronics, instrumentation, control systems, or equivalent material pertaining to the field of electronics AND
- Three years of journey level experience in the design, construction, installation, modification, maintenance, and repair of electrical/electronic equipment, instrument systems, and control devices common to an industrial facility, water treatment plant, and distribution systems.
- Possession of a valid California motor vehicle operator's class C license.
- State Water Resources Control Board Division of Drinking Water Treatment License, State of California Certification as a General Electrician or completion of a recognized apprenticeship in the electrical trade and/or California Water Environment Association Grade II Electrical/Instrumentation Technologist Certification are desired.

COMPENSATION AND BENEFITS

The salary range is $55.81 - $66.97, depending on qualifications. In addition, the District offers competitive benefits which include District contribution to CalPERS retirement, medical (100% of premium for most offered plans), dental and vision for employee and dependents; District paid life insurance; 12 paid days of sick leave; 12 paid holidays; and paid vacation depending on length of service. In addition, the District provides retiree health benefits with 50% of the premium paid with 10 years of service and an additional 5% with each year of service up to 100% with 20 years of service in CalPERS participating agencies.

APPLICATION PROCESS

To be considered for this position, please submit a District application, resume and cover letter, and three professional references to Shellie Anderson at applications@bryceconsulting.com. The position is open until filled with the first screening taking place at the close of business on March 9, 2026.