



Senior Controls Specialist

Silicon Valley Clean Water

\$9,572 - \$12,833 monthly depending on qualifications & experience.

2% certification incentive pay available; benefited position.

represented by International Union of Operating Engineers, Stationary, Local 39

SUMMARY

Under general supervision, performs a variety of skilled electrical, electronic, pneumatic and mechanical instrumentation and controls; installation, fabrication, troubleshooting and repair of computerized automation control work at a modern wastewater treatment facilities and remote pumping stations, and assists in the development of maintenance programs for the preventive maintenance and improvements of all Instrumentation and control system.

THE IDEAL CANDIDATE

- Various PLC/HMI Hardware/SCADA and associated programming software applications.
- Control systems theory and its practical application to process control and field instrumentation.
- Electronic theory, work methods, hand tools, and precision measuring/testing equipment used in SVCW's building maintenance, recycled water, and wastewater facilities.
- Industrial Automation Communications, Wire-less Radio, HMI, and SCADA equipment.
- Analyze programming, observe monitoring signals, troubleshoot system, understand system operation, and provide training on new programs to the O&M staff.
- Read and understand drawings, equipment manuals, installation, P&ID, Electronic.
- Inspect, operate, diagnose problems, and perform preventive maintenance and repair work on electronic circuits and systems; provide appropriate action when failures occur.
- Plan, organize, coordinate, and oversee the work of contractors.
- Perform a variety of support for engineering, fabricating, and design duties related to wastewater systems construction of industrial automation, maintenance, and repair.
- Inspects, installs, repairs, maintains, calibrates, tests, and troubleshoots process instrumentation, such as indicators, recorders, flow meters, transmitters, transducers, controls, regulators, process control equipment, valve actuators, and other equipment related to SVCW's recycled water, wastewater operations, co-generation, lift stations and related facilities.
- Installs, troubleshoots, and repairs automated telemetry equipment including calibration of input sensors such as flow meters, level transducers, pressure transducers, and other monitoring equipment.
- Develops, troubleshoots, mentors' staff, SCADA screens for the purpose of monitoring operational processes and field equipment and makes changes to existing application software to improve or expand control system or management information system performance.
- Assists in the development, design, and installation of new computer programs when required for the addition of new control system or management information system capabilities.
- Incorporates changes and additions to process control descriptions and proportional, integral, and derivative (PID) controls.
- Sets up and adjusts alarms, alarm software and paging programs, including alarm dialer, per Operations Department requests.
- Assists operators in the development of process control strategies as necessary; implements system set points to improve process control, improve process efficiency, and keep processes in steadystate conditions based on the recommendations of operations staff.
- Serves as subject matter expert (SME) and assists Project Managers on various capital improvement projects related to SCADA and electronic systems.
- Observes appropriate safety procedures and works to comply with applicable codes and guidelines; attends training and safety sessions as assigned.
- Performs other duties as assigned.

Effectively work in a collaborative organization focused on continuous improvement; establish and maintain a positive customer service attitude and effective working relationships with internal and external customers; demonstration of strong two-way communication skills, including the ability to listen, explain and facilitate; ability to ask for input; offer help without being asked; accept suggestions; work with others to solve problems; and provide recognition and encouragement; ability to address co-workers needs; identifying issues and concerns, exploring solutions and implementing improvements.

MINIMUM QUALIFICATIONS

- High School Diploma or an equivalent certificate or diploma recognized by the State of California. Equivalent to completion of an Associate of Arts or Associate of Science degree preferably related to electronics, instrumentation, control systems, and/or computer systems.
- Five (5) years of journey level electrician/controls Technician experience in an industrial environment, maintaining, installing, troubleshooting, and repairing a wide variety of process instrumentation, control systems and communications systems.
- Valid California Class C Driver's License and an acceptable driving record as defined by SVCW's Driving Eligibility Standards.

PHYSICAL TASKS AND ENVIRONMENTAL CONDITIONS

Work involves regularly working in indoor and outdoor conditions. The employee works at heights, uses power tools, and works with and around machinery having moving parts. Incumbents will be exposed to outside weather conditions, to gases, fumes and odors, and to untreated and partially treated wastewater. Employee operates light utility vehicles, including a variety of powered vehicles, forklifts and special purpose equipment. The noise level in the work environment may be moderate to loud. May be assigned, or called in, to work in the evenings, nights, and days and/or on weekends, including holiday.

While performing the duties of this job, the employee is regularly required to walk, stand, bend, stoop, kneel, and climb. The employee frequently is required to use hands and fingers to handle or feel; reach with hands and arms; and talk and hear. The employee must regularly lift and/or move up to 25 pounds and occasionally lift and/or move up to 50 pounds. Employee accommodations for physical or mental disabilities will be considered on a case-by-case basis.

Pre-Employment Procedures

The selection process may consist of an evaluation of the applicant's qualifications, appraisal board interview, written examination, practical exercise and/or internal Department interviews and reference check. Upon completion of the selection process, an offer of employment may be conditionally based upon the successful completion of an employment and education verification, criminal background check, and a pre-employment medical exam.

How to apply –

- Application & Supplemental Questions can be found on the employment page at www.svcw.org
- Mail or hand-deliver the following to SVCW, c/o Jennifer Flick, HR Director, at 1400 Radio Road, Redwood City, CA 94065
 - completed and signed application. A resume and cover letter will not be accepted in lieu of the Authority's application form.
 - completed supplemental questionnaire, and;
 - a current DMV Driver Report.

Filing Deadline – Continuous. We encourage qualified applicants to apply now.