



Senior Control Systems Technician

Silicon Valley Clean Water

\$11,306.53 - \$15,156.27 monthly (\$65.23 - \$87.44/hour) 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, field 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 systems.

The Senior Control Systems Technician is a highly skilled technical expert responsible for overseeing, maintaining, and advancing the automation, instrumentation, and control systems across all facilities. This role involves complex field troubleshooting, designing and implementing PLC and SCADA system modifications, leading multi-disciplinary projects, and mentoring plant mechanic-controls system technicians. The incumbent ensures optimal system performance, supports regulatory compliance, and integrates new technologies to enhance operations.

Every employee appointed to a position at SVCW shall serve at the will and pleasure of the appointing authority, SVCW.

THE IDEAL CANDIDATE

- Lead the design, configuration, programming, advanced field troubleshooting, and maintenance of PLCs (e.g., Allen-Bradley, Siemens), SCADA systems (e.g., FactoryTalk View SE/ME), HMIs, and related control system infrastructure.
- Develop, integrate, and implement control logic strategies, automation upgrades, modifications to existing PLC/SCADA, and enhancements to improve reliability and efficiency.
- Serve as the technical lead for control system installations, capital improvement project upgrades.
- Oversee integration of new applications and systems; ensure changes are tested, documented, and commissioned effectively.
- Collaborate with engineering, operations, maintenance, and contractors to plan, schedule, and execute control system work.
- Integrate, review, and develop control system documentation, including P&IDs, loop diagrams, panel schematics, and control narratives to ISA standards.
- Maintain preventive and predictive maintenance schedules on the Computerized Maintenance Management System (CMMS) for PLC control systems.
- Update technical documentation, maintenance records, and system configurations on a CMMS.
- Perform as lead person on electrical/controls projects.
- Prepare written estimates of labor, materials, and supplies required for the performance of specific assignments.
- Assure compliance with National Electrical Codes and OSHA regulations.
- Perform a variety of other duties as assigned.

Interpersonal Effectiveness

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. Associate of Arts or Associate of Science degree with major work in instrumentation, computers, and electronics.
- Minimum of four (4) years' experience in skilled maintenance work involving electrical, instrumentation, mechanical repair, and installation. Repair experience with industrial process type equipment and electrical repairs.
- Ability to obtain a California Water Environment Association (CWEA) Grade II Electrical/Instrumentation Technologist Certification within eighteen (18) months from date of hire.
- Must possess an ISA Certification as a Controls System Technician Level II or have experience and/or education equivalent to a journey level electrician/controls Technician, acceptable to SVCW.
- Valid California Class C Driver's License and an acceptable driving record as defined by SVCW's Driving Eligibility Standards.
- Obtain certification in CPR and basic First Aid

PHYSICAL TASKS AND ENVIRONMENTAL CONDITIONS

When 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.

While performing the duties of this job, the employee regularly works in indoor and outdoor conditions. The employee works at heights, uses power tools, and works with and around machinery having moving parts. The employee is exposed to outside weather conditions, to gases, fumes and odors, and to untreated and partially treated wastewater. The 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 holidays. Safety is a priority when performing all SVCW work tasks.

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 and drug screen.

You will be contacted regarding all phases of this recruitment via email, so please check your inbox for correspondence regarding next steps and results through the exam process. Please ensure that the email address on your application is correct and current before submitting your application.

HOW TO APPLY -

- Application and Detailed Job Description can be found on the employment page at www.svcw.org
 - Complete an SVCW online employment application.
A resume and cover letter will not be accepted in lieu of the Authority's application form.

Filing Deadline - Open until filled. We encourage qualified applicants to apply now.

Application Screening and Panel Interview - The most qualified applicants for the position will be invited to participate in the interview process.