



## EMPLOYMENT OPPORTUNITY

### INSTRUMENTATION TECHNICIAN

The City of Healdsburg is currently recruiting for the exciting opportunity of Instrumentation Technician! Submit an application today at: <https://www.ci.healdsburg.ca.us/>. Applications shall be accepted until a sufficient number have been received for interview purposes. This recruitment may close at any time and without notice. Prompt application is encouraged. The first review of applications will be on October 19, 2020.

This critical position has responsibility to skilled, technical work in the design, installation, testing, calibration, maintenance, and repair of process control, telemetry, and data acquisition systems and subsystems used in the wastewater treatment plant, water production, and distribution facilities; to provide journey level electrical skills in a heavy industrial environment.

By joining our team at the City of Healdsburg, you can take advantage of our amazing benefits, such as low to no cost health insurance including medical, dental and vision coverage; life and long term disability insurance; CalPERS retirement pension; a great work/life balance with generous paid vacation leave, 12 paid holidays; longevity pay based on years of service, education reimbursement pay and discounted gym memberships! The Instrumentation Technician is eligible to earn a salary range of \$7,984 - \$9,705 per month. We hope you consider a rewarding career with the City of Healdsburg! Please contact the Human Resources Team with any questions via email at [HR Email](#) or via telephone at 707-431-3322.

#### The Ideal Candidate

The successful candidate will be able to perform a broad range of Instrumentation Technician tasks, including field instrument deployment to SCADA system; possess the ability to work independently as well as be a key member of a team of seven; be self-motivated; communicate clearly and concisely, both verbally and in writing; use sound judgment to make decisions; possess great time management principles and the ability to establish and maintain effective working relationships with those contacted during the course of work.

#### Instrumentation Technician Position Overview

- Perform skilled, technical work in the design, installation, programming, testing, calibration, maintenance, and repair of process control, telemetry, and data acquisition systems and subsystems used in the wastewater treatment plant, water production, and distribution facilities; to provide journey level electrical skills in a heavy industrial environment.
- Design, install, program, test, calibrate, and repair computer, electronic, pneumatic, and radio systems, electrical assemblies, various types of variable frequency motor drive systems, programmable logic controllers, automatic control valves and associated control functions, secure encrypted data communication programs and systems used in water supply and wastewater treatment facilities.
- Install, program, and maintain a variety of supervisory controls; perform electrical wiring as required for the installation of digital and analog electrical equipment, machinery, switchgear, controllers and associated equipment, and instrumentation.
- Read and update blueprints and schematics as required to assist in repairs; prioritize and coordinate the appropriate timing to service equipment; estimate labor and materials necessary to complete the needed work; order replacement parts to perform maintenance and repairs as necessary.
- Troubleshoot and maintain electrical systems, controls, and related process equipment; calculate power load distributions to various motors and related equipment.
- Purchase required parts and equipment; contact vendors and other agencies to determine the availability, applicability, and performance of components.
- Inspect and test components installed by contractors.



- Write ladder logic programs and other computer programs for the operation of process control and data acquisition systems, controllers and test equipment; install, maintain and program related hardware and software for control systems; maintain accurate records of work performed, materials used and associated costs.

### **Required Qualifications**

Experience: Two years of responsible journey level experience involving the design, installation, testing, calibration, maintenance, and repair of process control, telemetry, and data acquisition systems.

Education: Equivalent to an associate degree from an accredited college with major course work in electrical theory, mathematics or a related field.

### **License and Certificate:**

1. Possession of, or ability to obtain, a valid California class C driver's license.
2. Possession of a Grade I Electrical/Instrumentation Technologist certificate from the California Water Environment Association within 18 months of employment.
3. Possession of a Grade II Electrical/Instrumentation Technologist certificate from the California Water Environment Association within 42 months of employment.