



**NOW HIRING**

# **WATER RESOURCES INSTRUMENT CONTROL TECHNICIANS**

**\$7,566.99 - \$9,169.87 MONTHLY**  
plus an excellent [benefits package!](#)

- \$1950/month towards “cafeteria plan” (medical/dental/vision) ● generous paid leave ● CalPERS pension ●
- elective 457 plan with up to \$75 employer contribution per pay period ● tuition reimbursement ● and more! ●

## **THE POSITION**

The City of Livermore is currently accepting applications to fill three (3) Water Resources Instrument Control Technician vacancies in the Public Works Department.

The Water Resources Instrument Control Technician installs, operates, maintains, calibrates, and repairs computer hardware, process instrumentation, and telemetry equipment; de-bugs, modifies, and customizes software; modifies, maintains, and repairs all components of a programmable logic controller (PLC) based supervisory control and data acquisition (SCADA) systems/distributed control systems; and performs other duties as assigned. The work is done at the Water Reclamation Plant, located at 101 West Jack London Boulevard in Livermore.

## **HOW TO APPLY**

Submit your completed online employment application (including answers to supplemental questions) at [livermoreca.gov/jobs](http://livermoreca.gov/jobs) by 5 p.m. on Monday, May 27<sup>th</sup>, 2024 to be considered for this position.

## **TESTING & SELECTION PROCESS**

Applications and supplemental questionnaires will be reviewed for completeness and content to determine the best qualified candidates. The best qualified candidates may be invited to participate in a qualifying appraisal board (QAB) interview tentatively scheduled for the week of June 10<sup>th</sup>, 2024. Please note: meeting the minimum requirements for this position does not guarantee participation in the QAB. The results of the Qualifying Appraisal Board will be used to establish the Eligible List; the Eligible List will be effective for one year and may be extended.

## **GENERAL INFORMATION**

Work periods and workdays are subject to change dependent upon the operational requirements of the City. Appointment to City employment is contingent upon passing a fingerprint criminal background check, DMV check, and pre-employment physical examination. At time of hire, proof of United States citizenship or authorization to work in the United States must be presented. The probationary period for this position is at least 12 months.

## **AMERICANS WITH DISABILITIES ACT (ADA)**

If you are a qualified individual with a disability as defined by the ADA and you need reasonable accommodation to participate in any of the tests, you must notify the Human Resources Division at the time you submit your application.



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by 5 pm on May 27<sup>th</sup>, 2024!**



## THE POSITION

Under general supervision, the Water Resources Instrument Control Technician installs, operates, maintains, calibrates, and repairs computer hardware, process instrumentation, data logging, and telemetry; de-bugs, modifies, and customizes software; modifies, maintains, and repairs all components of a programmable logic controller (PLC) based supervisory control and data acquisition (SCADA) systems/distributed control systems; and performs other duties as assigned.

Examples of duties and responsibilities may include:

- Installs, calibrates, programs, maintains, and repairs instruments, PLC based system/distributed control system components, meters, analyzers, recorders, control and feed systems, computers, monitors, printers, transducers, microprocessors, and data transmission systems
- Maintains and repairs electronics, electrical, pneumatic, mechanical, and hydraulic systems, laboratory and safety equipment including gas detection, alarm systems, pH and DO meters;
- Analyzes and modifies computer programs to optimize plant operations and operator convenience
- Assists system users in solving data and systems problems and suggests alternative methods of operation

## THE IDEAL CANDIDATE

The ideal candidate will possess the following knowledge, skills, abilities, and characteristics:

- Knowledge of electrical, pneumatic, instrumentation, computers, PLCs, SCADA systems, and distributed control systems
- Thorough understanding and experience with theory, terminology, operations, equipment, and principles of electronics including practices, techniques, and tools used in the installation and maintenance and repair of electrical or electronic systems
- Knowledge of telemetry systems including the installation, maintenance, configuration, and troubleshooting of such systems
- Ability to follow written and oral directions and handle a variety of tasks with minimum supervision
- Accurately maintain detailed records and other related data
- Ability to learn the systems, procedures, practices, and operations of the treatment facility and have a proactive approach to continually improve all assigned areas of responsibility

*The information contained in this announcement is subject to change and does not constitute either an expressed or implied contract.*

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## QUALIFICATIONS

Any combination of experience, education and training that would provide the best qualified candidates. A typical way to obtain the knowledge, skills and abilities would be:

Experience: Three years of progressively responsible experience in a wastewater treatment facility or related industrial facility, including experience maintaining and operating computer and other electronic systems.

Education: Vocational/technical school certificate or an Associate degree with course work in computer science, electronics, or process control/instrumentation is desirable.

Certification: Possession of a California Water Environment Association (CWEA) Plant Maintenance Technologist I certification is required prior to the completion of the probationary period. Possession of a CWEA Electrical/Instrumentation Technologist Grade II certification is required within 3 years of employment.

License: Possession of a valid California driver's license and a satisfactory driving record as determined by the City. Requires possession of a valid California Class A license with the appropriate endorsements prior to the completion of the probationary period.

Department of Transportation (D.O.T.) Requirement: Incumbents in this job classification may be called upon, at any time, to perform safety sensitive functions, and therefore, may be subject to the Federal Highway Administration D.O.T. regulations and the City's policy concerning drug and alcohol testing as a continuing condition of employment with the City of Livermore.

Other Requirements: Must be willing and able to work scheduled and emergency overtime and be available on call as required; work under adverse conditions, such as in confined and awkward spaces, in the presence of noxious odors, toxic chemicals, biological agents, and sewage; work in potentially hazardous areas; work outdoors in all weather conditions; wear and use appropriate safety clothing and equipment, including self-contained breathing devices; and travel to and attend meetings, seminars, training schools, conferences, and workshops during work and non-work hours.

Special Requirements: Essential duties require the mental and/or physical ability to read fine print and fine details with no color deficiencies; drive a motor vehicle; converse on the telephone and in person and be clearly understood; detect noises in electronic equipment; operate a computer keyboard and other electronic equipment necessary for this position; manipulate small parts and components; strength to safely lift and maneuver equipment and tools weighing up to 50 pounds; and bend, stretch, reach, stoop, and climb flights of stairs for prolonged periods of time and/or numerous times each day.