



INSTRUMENTATION TECHNICIAN

\$2,620.00-\$3,316.00 Bi-weekly*

\$68,120.00-\$86,216.00 Annually*

*1% increase effective July 1, 2017 & July 1, 2018

Deadline: June 5, 2017 by 5 PM

Ventura Regional Sanitation District is an



independent, non-tax supported, public waste management agency founded in 1970. Organized pursuant to the County Sanitation District Act of the California Health and Safety Code, the District provides a full range of services, including integrated waste treatment and disposal services to eight cities, nine special districts, schools, homeowner associations, and

other customers. VRSD is comprised of approximately seventy five employees and provides environmentally safe disposal of solid waste, effective treatment of wastewater, reliable delivery of potable and recycled water, and related services.

Another major area of emphasis for the District is the provision of customized water and wastewater services to cities, utility districts, and private entities. Included are facilities owned by the Triunfo Sanitation District (TSD), the Saticoy Sanitary District (SSD), the Camrosa Water District, the Ojai Valley Sanitation District, the County of Ventura, California State University at Channel Islands; and several small wastewater plants for private schools in Ventura and Santa Barbara Counties. In total, the District operates three potable water systems, one recycled water system, and seven wastewater treatment plants.

Specialized services the District provides include sewer line cleaning and inspection; electrical and instrumental repair; manhole rehabilitation; industrial painting and coating; environmental monitoring; and administrative and customer service support.

THE POSITION

The Instrumentation Technician performs installation, maintenance and/or repair of instrumentation and electrical systems and equipment; prepares and maintains a variety of records; makes verbal and written reports of work activities, and provides electrical or instrumentation troubleshooting in emergency situations under general supervision.

IDEAL CANDIDATE

The ideal candidate will excel in an environment where no one day is the same! Your assignments will take you across the County from one location to the next. The successful candidate will be expected to work independently, performing complex instrument troubleshooting, maintenance and repair duties, requiring a higher degree of trade knowledge and competencies. Experience in the public sector is a plus.

EXAMPLES OF DUTIES

- Installs, inspects, maintains, repairs, calibrates and/or tests electrical, pneumatic, electronic instrumentation systems and components utilized in water and wastewater facilities; troubleshoots equipment malfunctions in order to determine necessary repair; modifies existing equipment to increase efficiency and effectiveness or to decrease equipment failure.
- Performs installation, maintenance and repair for programmable logic controllers, remote terminal units, control data acquisition systems, electronic control instruments.
- Designs, programs, installs and maintains the SCADA supervisory and sensory control system and water quality testing equipment.
- Installs conduit and pulls wires for telemetry equipment, recorders, alarm systems, lighting fixtures and other such purposes; performs excavation work (e.g., shovels dirt and/or moves concrete to reach buried line), plumbing associated with the installation/repair of electrical/electronic systems and equipment.
- Maintains and repairs tools and equipment used in work; purchases and maintains inventory of supplies needed in specific work assignments.
- Computes load balancing computations on a variety of electrical circuits; makes preliminary and post-construction drawings of equipment modifications and new installations.
- Assists mechanical maintenance staff in learning basic electrical/instrumentation system maintenance and repair.

Proudly Serving Ventura for more than 40 years.

EMPLOYMENT STANDARDS

Any equivalent combination of experience and education that would provide the required knowledge and abilities is qualifying. A typical way to obtain the required knowledge and abilities would be: **Experience:** Two (2) years of increasingly responsible experience as a journey level instrumentation technician.

Technical training in basic electrical, electronic and pneumatic instrumentation. **Education:** Equivalent to a high school diploma.

License/Certificate: Possession of, or ability to obtain, a valid Class C California driver's license and a driving record acceptable for insurability. CWEA Electrical/Instrumentation certification is desired.

Knowledge of:

- Principles, practices, techniques and safety considerations of instrumentation and electrical system installation, maintenance, operation, testing and repair.
- National Electrical Code.
- Use and operation of electrical/electronic measuring and testing devices as well as tools and equipment used in electrical installation, maintenance and repair.
- Load calculation practices.
- Electrical system and instrumentation troubleshooting techniques.
- Techniques and practices of construction/equipment modification drawing.
- Methods of preventive maintenance applicable to electrical systems.
- Electrical systems.
- Preventive maintenance requirements of electrical and instrumentation systems, power system survey and practices.
- Method of determining electrical capacity/efficiency.

Ability to:

- Inspect, test and maintain electrical/electronic and pneumatic instrumentation.
- Troubleshoot equipment malfunctions.
- Prepare cost estimates and routine work reports.
- Comply with safety practices.
- Perform mathematical calculations.
- Prepare circuit drawings.
- Read, interpret and work from blueprints, maps, drawings, plans, specifications, technical illustrations and wiring diagrams.
- Understand computer language, DOS operating systems and water/wastewater unit treatment processes.
- Assist others in mechanical maintenance and painting trades work.
- Communicate effectively both orally and in writing.



WORKING CONDITIONS

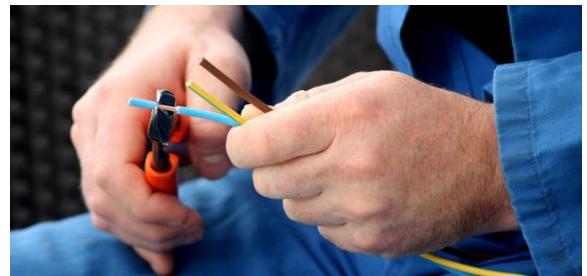
Position requires sitting, standing, walking on level and slippery surfaces, reaching, twisting, turning, kneeling, bending, stooping, squatting, crouching, grasping and making repetitive hand movement in the performance of daily duties. The position also requires near, far and color vision when inspecting and working with

electrical wiring and/or operating equipment. The need to lift, carry and push tools, equipment and supplies weighing up to 50 pounds is also required. Additionally, the incumbent in this position may work in outside weather conditions including wet, hot and cold. The incumbent may use cleaning and lubricating chemicals which may expose the employee to fumes, dust and air contaminants. The nature of the work also requires the incumbent to climb ladders, use power and noise producing tools and equipment, drive motorized vehicles, work in heavy vehicle traffic conditions and often work with constant interruptions. Incumbents may be exposed to and work in/around sewer influent and wastewater effluent and may be required to enter confined spaces which may involve wearing self-contained breathing apparatus (SCBA).

COMPENSATION

The District offers an attractive benefits package including:

- + **Cafeteria Plan:** Up to \$1,070 (\$1,192 effective July 1, 2017) in monthly contribution for medical, dental, and vision insurance coverage
- + **Annual Leave:** Employees receive a comprehensive annual leave. Initial accrual rates start at 175.5 hours per year for non-represented employees.
- + **Holidays:** 8 Holidays, 4 Floating Holidays, and 2 hours on New Year's Eve.
- + **Life Insurance:** \$10,000 Term life
- + **457/Roth 457 Deferred Compensation Plan:** Plan options available for Voluntary Benefits.
- + **Disability Insurance:** Options for Long Term Disability Insurance
- + **Flexible Spending Plan:** Options include-Health Insurance for Pretax Premiums, Medical/Dependent Care Spending, Life/Accident Insurance for employee and family
- + **Textbook & Tuition:** The District provides up to \$5,250 per year.
- + **Retirement:** Provided by Ventura County Employees' Retirement Association (VERA), which offers reciprocity with CalPERS and some other public retirement systems.



To be considered, submit an application through GovernmentJobs.com.

If you have any questions, contact Megan Walker at (805) 658-4638, meganwalker@vrzd.com or Melissa Grisales at (805) 658-4645, melissagrisales@vrzd.com