



Posted: April 20, 2018
Closing Date: Open Until Filled

**Instrumentation - Communication
Technician**

Full-time including Benefits

Annual Salary: \$112,465.00

Bargaining Unit Position



DESCRIPTION:

This flyer lists the major duties and requirements of the job and is not all-inclusive of all job duties.

Under general direction of the Maintenance Manager and Supervising Electrical Technician, participates in field testing, inspection, repair, maintenance and installation of communications and instrumentation equipment associated with the operation, maintenance and repair of water supply, flood control, hydroelectric and recreation facilities and their various related components of the Yuba County Water Agency's facilities. This position is located at the Colgate Power House in Dobbins California. The job entails substantial physical activity requiring good dexterity, coordination and ability to lift and carry moderate loads.

DISTINGUISHING CHARACTERISTICS:

The Communication-Instrument Technician is a non-supervisory, working technician in the Power Systems Division that reports directly to the Supervising Electrical Technician. This position works with other mechanical and electrical technician, and also coordinates work with internal and external engineers. This position participates in field tests, repair, maintenance and installation of communications, remote control and electronic equipment and instrumentation associated with the operations, maintenance and repair of water supply, flood control, hydroelectric and recreation facilities and their various related components of YCWA facilities. Work is performed within a broad framework of general policy and requires creativity and resourcefulness to accomplish goals and objectives. All work is expected to be carried out in an ethical, accurate, secure, timely and confidential manner.

EXAMPLES OF ESSENTIAL DUTIES:

As a working technician, participates in testing, maintenance, repair and installation of communication and instrumentation equipment including frequency control devices, low voltage wired and wireless media, microwave system (e.g. Waveguide, Antenna, Pressurization Equipment and Channel Banks) spread-spectrum radios, land mobile radio systems, fiber optic and electrical low voltage cabling, and sensors, including vibration, temperature detection, flow, and hydro telemetry and data logger equipment. This position works collaboratively with the Operations, Mechanical, Engineering, Compliance, Hydrographic and IT departments to assist in the design, installation, maintenance, and repair, including troubleshooting of the Agency's hydro and energy SCADA hardware and software settings according to Agency engineering, architectural and security requirements. Performs maintenance and testing of designated supervisory protective relay equipment. Calibrates and adjusts instruments and meters according to standards and ensures accuracy of readings. Prepares schematic drawings, sketches and reports to reflect changes or alterations made in systems. Utilizes a Maintenance Management system (AMMS) to track and report work through a work order system including preventative maintenance and corrective maintenance work orders. Keeps supervisor informed of work plans and work in progress in a timely manner. Communicate effectively with co-workers and follow oral and written instructions and directions. Support required NERC/WECC reliability standards

and required reporting. Identify hazards in the work place and prepare a Job Hazard Analysis. This position is responsible for accomplishing all aspects of the assigned work in conformance with personnel and equipment safety standards. Will comply with all Agency equipment and safety policies and procedures, and California Occupational Safety and Health Administration (CALOSHA) rules and regulations.

CAPABILITIES AND REQUIREMENTS:

The Instrumentation- Communication Technician must have the ability to relate cooperatively and professionally with members of the public, Agency's consultants, and Agency personnel. Must have the ability to analyze and organize jobs, read complex drawings and documents and then make sound decisions for the task involved. Must be capable of effectively participate in a crew as a team effort. Respond to after hour call-outs, reside close enough to respond within one hour and work overtime as needed. The job requires the ability to standing, sitting, stooping, kneeling, reaching, pulling, pushing, prying, swinging hand tools and working from below ones feet to above one's head, close and distance vision and good color perception. Must be able to climb ladders, have dexterity to climb in and out and work in close quarters, have the ability to work at heights, walk in steep terrain, work in or on water (gage equipment and boats) and work outside in all kinds of weather. Must be able to use respirators and self-contained breathing apparatus; requires the use of safety hats, belts, harnesses, face guards, safety glasses and goggles, safety shoes, protective clothing, ear protection and other safety equipment where necessary. Must be able to lift and carry moderate loads in accordance with safe working practices. Must be familiar with FCC rules and regulations and able to maintain equipment within license requirements.

EMPLOYEE BENEFITS:

Vacation: 15 days per year. Sick leave: 15 days per year. Holidays: 13 days per year. Health Insurance (medical, dental, vision): Agency will pay full cost of Health Insurance for employee and dependents equivalent to the least expensive plan available to any qualified employee. Retirement: CalPERS: Classic Members - 2%@55 plan final 12 months, (Agency pays 5% of the employee contribution for classic members only); New Members - 2%@62 final 36 months. Employee contributions are fully refundable with interest upon termination; vested after 5 years. The Agency does not participate in Social Security, but contributes to a deferred income plan in lieu of Social Security. Life Insurance: Agency pays for a \$50,000 life insurance policy for each employee.

DESIRABLE TRAINING & EXPERIENCE:

Equivalent to the completion of an apprenticeship program in technical communication and/or instrumentation with at least 2-5 years of journeyman experience or other equivalent training program and experience in maintenance and repair of equipment and systems similar to that found in the Agency's hydropower project is preferred. Familiar with FCC rules and regulations and able to maintain equipment within license requirements. Must be proficient in the use of computers with minimal familiarization to new software.

LICENSES AND CERTIFICATIONS:

The ability to obtain and maintain a valid California driver's license and an acceptable driving record. Possess or have the ability to obtain Authorized Climber and Authorized Rescuer

SPECIAL REQUIREMENTS: Must have the ability to respond to after hour call-outs, reside close enough to respond within one hour and work overtime as needed.

POST-OFFER/PRE-EMPLOYMENT: Employment is subject to passing a physical examination, including a drug test. May be subject to a pre-employment background check.

HOW TO APPLY:

Qualified person interested in applying for the Instrumentation-Communication Technician position must submit a completed Yuba County Water Agency job application and, if desired, a resume. To request a job application or further information, please contact Keri McCutcheon at 530-740-7082, by e-mail at personnel@ycwa.com, or in person or by mail at 1220 F Street, Marysville, CA 95901. **Please send application and resume to the Yuba County Water Agency-Human Resources Department.**

The flyer is intended to present a descriptive list of the range of duties performed by employees in the class. This flyer is not intended to reflect all duties performed within the job description. Please see the job description for more information.