



**Electrician/Instrumentation Technician**  
**\$25.48 – 38.94(DOQ)**

*Performs specialized electrical and instrumentation work associated with installation, programming, and repair of equipment/machinery at wastewater treatment plants, off-site operations, and related facilities.*

**RESPONSIBILITIES**

- Utilizes computerized diagnostic techniques, instruments and equipment in troubleshooting and identifying radio telemetry, electrical and mechanical problems.
- Installs, maintains, and repairs radio and communication telemetry equipment and control panel equipment for lift stations, water well sites, and treatment plants.
- Calibrates electronic control systems.
- Inspects and tests tools, vehicles, and safety gear; restocks supplies in vehicles.
- Performs preventative maintenance on electrical, mechanical, and various other equipment.
- Maintains detailed and accurate records of all work performed.
- Prepares and reviews calculation sheets and calibration data records.
- Train other personnel in maintaining and troubleshooting electrical panels.
- Safeguard all assigned tools, equipment, electronics from theft, loss, destruction and/or negligence.
- Responds to emergency calls when necessary.

**Knowledge, skills, and abilities:**

- Knowledge of computer system, telemetry, and instrumentation.
- Knowledge of occupational hazards and safety precautions (OSHA).
- Knowledge of PLC's, Industrial Control Systems and SCADA servers and ability to troubleshoot errors associated with them.
- Ability to read and interpret electrical schematics, diagrams, plans and/or pneumatic drawings.
- Ability to organize and prioritize workload to meet deadlines and routine scheduled tests and maintenance.
- Ability to clearly communicate and understand information, both orally and in writing.
- Ability to establish and maintain effective and cooperative working relationships with those contacted in the course of work.

**Requirements:**

- Valid Florida driver's license.
- High school diploma or equivalent.
- Five (5) years of experience with electrical/mechanical systems, maintenance, and repair. Vocational/technical certification in electronics or related fields may be substituted for a portion of the required experience or an equivalent combination of education, training, and experience.