

Wastewater Electrical Instrumentation Technician I

Adenus Utilities Group provides decentralized wastewater treatment and disposal and currently in search of talented electrical/ instrumentation techs.

Job Summary:

Performs skilled work on electrical and instrumentation equipment in wastewater treatment plants and collection systems. This position involves maintaining, repairing, and calibrating a variety of instruments and control systems, ensuring the efficient and safe operation of the wastewater treatment process.

Responsibilities:

- **Instrumentation and Control Systems:** Install, maintain, calibrate, troubleshoot, and repair a wide range of electrical and instrumentation equipment, including:
 - Flow meters, pressure sensors, level transducers, level switches,
 - Programmable Logic Controllers (PLCs), Supervisory Control and Data Acquisition (SCADA) systems
 - Motors, pumps, generators, controllers, switchboards, and electrical circuits
 - Telemetry systems for lift stations and other remote equipment
- **Electrical Systems:** Install, maintain, and troubleshoot electrical systems, including:
 - Power distribution systems, Control panels
 - Motor controls, VFDs
 - Circuit breakers and relays
- **Troubleshooting and Repair:** Diagnose and resolve malfunctions in electrical and instrumentation systems.
- **Calibration:** Calibrate instrumentation and control systems to ensure accuracy and reliability.
- **Preventive Maintenance:** Participate in the development and implementation of preventive maintenance programs.

- **Documentation:** Maintain records of maintenance activities, including service reports and calibration data.
- **Safety:** Adhere to safety policies and procedures, including confined space entry and electrical safety protocols.

Qualifications:

- **Education:** High school diploma or GED is required, and vocational training or an Associate's Degree in a related field is preferred.
- **Experience:** Relevant experience in electrical and instrumentation maintenance and repair, preferably in a wastewater treatment facility.
- **Technical Skills:** Knowledge of electrical theory, instrumentation, process control, troubleshooting techniques, and the use of various tools and test equipment.
- **Licenses/Certifications:**
 - Valid driver's license.
 - ISA- CCST Electrical and Instrumentation Technician certification (or ability to obtain) is desirable.

Physical Requirements:

- Ability to perform physical labor, including lifting, carrying, bending, and climbing.
- Ability to work in a plant environment with exposure to various environmental conditions, including chemicals, odors, and noise.

Working Conditions:

- May be required to work various shifts, including nights, weekends, and holidays, and respond to emergencies.
- Work is performed both indoors and outdoors, with potential exposure to adverse weather conditions.

Benefits:

Medical, Dental, Term Life insurance, Accidental Death, Long Term disability, Simple IRA , eight paid Holidays, three weeks PTO

Compensation: DOE

Status: Exempt

Submit resumes to bryan.bellar@adenus.com

Keywords: Controls, Instrumentation, designer, wastewater, layout, control engineer, technician, bill of material, national electrical code, panels, fabrication, wiring, utility