

UTILITY TECHNICIAN

Utilities | Electric Generation



JOB RESPONSIBILITIES

Terrebonne Parish Consolidated Government's Utility Technician is responsible for testing, calibrating, repairing, and maintaining metering, instrumentation, and control devices associated with all power plant systems.

JOB OVERVIEW

PAY TYPE

Non-Exempt (Hourly)

SCHEDULE

Monday to Thursday or
Tuesday to Friday

*Must be able to respond to
emergency situations and provide
24-hour on-call support as needed.*

SHIFT

7 a.m. to 5:30 p.m.

LOCATION

Houma Generating Station

REPORTS TO

Electric Plant Operations Supervisor

PHYSICAL DEMANDS

Lift over to 50 lbs. (heavy)
Climb ladders and scaffolding
Work in confined spaces

WORK ENVIRONMENT

Industrial power generation facility
with exposure to high temperatures,
noise, confined spaces, hazardous
materials, and outdoor conditions,
requiring adherence to strict safety
protocols and the ability to work in
extreme weather when necessary.

EMERGENCY EVENTS

Required to work during emergency
events.

REQUIREMENTS

Valid Louisiana Driver's License

In this role, the incumbent will be expected to ensure accurate monitor and control of critical processes, including turbine-generators, boilers, condensers, feedwater systems, cooling towers, and auxiliary systems, maintain detailed equipment history records, perform scheduled inspections, and respond to equipment malfunctions to support continuous plant operations.

The Utility Technician requires strong technical knowledge of electrical, electronic, and mechanical principles, the ability to interpret technical diagrams, and proficiency in operating and maintaining the Continuous Emission Monitoring System (CEMS).

JOB DUTIES

- Inspect, calibrate, adjust, repair, and replace components of control and instrumentation systems for main and auxiliary plant equipment.
- Operate and maintain the Continuous Emission Monitoring System (CEMS) and generate required compliance reports.
- Interpret and work from blueprints, diagrams, schematics, and sketches for installation, troubleshooting, and modifications.
- Maintain metering and gauge functions related to flows, pressures, temperatures, volumes, and other critical parameters.
- Perform scheduled calibration of instrumentation and control devices to ensure accuracy and reliability.
- Maintain systematic records of inspections, repairs, and equipment performance history.
- Assist maintenance teams and contractors with instrumentation-related tasks during routine operations and major overhauls.
- Report discrepancies and equipment malfunctions promptly to supervisors.
- Ensure compliance with all safety procedures and standards applicable to electrical and mechanical trades.
- Participate in safety meetings and training sessions; administer first aid and resuscitation in emergencies if required.
- Respond to emergency situations and provide support across plant operations as needed.
- Participate in quarterly One-on-One meetings with Supervisor.
- Complete all required annual trainings—including ethics, harassment prevention, diversity, and cybersecurity—in accordance with organizational and regulatory standards.
- Ensure all duties and responsibilities are performed with integrity, professionalism, and in good faith, consistently upholding and protecting the interests, reputation, and assets of the Parish government.
- Perform any additional task as required by Supervisor.

SKILLS AND QUALIFICATIONS

- **Leadership Skills:** Demonstrates the ability to guide and support team members during maintenance activities while promoting a culture of safety and compliance.
- **Time Management:** Effectively prioritizes calibration, inspections, and repairs to meet scheduled maintenance deadlines and minimize operational disruptions.
- **Analytical Skills:** Applies strong problem-solving skills to diagnose instrumentation issues, interpret technical data, and implement accurate corrective measures.
- **Communication Skills:** Communicates clearly and professionally with team members, supervisors, and external stakeholders to ensure accurate information exchange and coordinated actions.
- **Organizational Skills:** Maintains detailed records of equipment history, calibration schedules, and compliance reports while coordinating multiple tasks efficiently.
- **Technical Skills:** Possesses advanced proficiency in testing, calibrating, and maintaining instrumentation and control systems, including the ability to interpret schematics and operate specialized test equipment.
- **Qualifications:**
 - High school diploma or GED certification required.
 - Formal technical training in electronics, instrumentation, or related fields preferred.
 - Minimum three (3) year of experience in instrumentation maintenance, calibration, and troubleshooting within an industrial or power plant environment.

