

# ELECTRICAL TECHNICIAN

Public Works | Roads



## JOB RESPONSIBILITIES

The Terrebonne Parish Consolidated Government's Electrical Technician is responsible for troubleshooting and repairing electrical equipment, including motors, generators, and traffic control signals, as well as performing preventative maintenance.

### JOB OVERVIEW

#### PAY TYPE

Non-Exempt (Hourly)

#### SCHEDULE

Monday to Thursday

*Required to work overtime including nights, weekends, and holidays.*

#### SHIFT

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

#### LOCATION

Public Works – South Campus

#### REPORTS TO

Operations Supervisor – Bridges & Lights

#### PHYSICAL DEMANDS

Lift over 50 lbs. (heavy)

Routine bending

Climb to excesses of 100 ft

#### WORK ENVIRONMENT

Indoor and outdoors in various climates and conditions

#### EMERGENCY EVENTS

Required to work during emergency events.

#### REQUIREMENTS

Valid Louisiana driver's license

In this role, the incumbent will be expected to complete mechanical tasks like gearmotor repairs and bearing replacements.

The Electrical Technician has a solid understanding of electrical and mechanical systems, be able to interpret electrical diagrams, prepare material lists, and follow safety procedures.

### JOB DUTIES

- Diagnose and resolve electrical issues across various equipment, including single and three-phase electric motors, motor control centers, generators, and traffic control signals.
- Interpret and apply electrical diagrams, schematics, and technical documentation to guide troubleshooting and repairs.
- Perform mechanical maintenance tasks, such as repairing gearmotors, switches, and replacing bearings and mechanical seals.
- Conduct preventative maintenance and repairs on electrical systems and building electrical equipment to ensure optimal functionality.
- Prepare material requisitions and procure necessary supplies to complete assigned maintenance tasks.
- Perform any additional tasks as assigned by Supervisor.

### SKILLS AND QUALIFICATIONS

- **Leadership Skills:** Strong decision-making and problem-solving skills are essential, particularly when troubleshooting electrical or mechanical issues. Ability to motivate others and foster a collaborative work environment.
- **Time Management:** Ability to prioritize tasks based on urgency and complexity, ensuring critical electrical and mechanical issues are addressed promptly.
- **Analytical Skills:** Ability to diagnose and resolve electrical issues in equipment such as motors, generators, and control systems.
- **Communication Skills:** Strong oral and written communication skills to understand instructions and convey information effectively.
- **Organizational Skills:** Must be able to efficiently manage multiple tasks, prioritize maintenance and repair activities, maintain accurate records, and ensure timely procurement of materials for smooth workflow execution.
- **Technical Skills:** Ability to read and interpret electrical diagrams, schematics, and technical documentation. Be able work with tools such as conduit benders, amp meters, volt/ohm meters, fish tape, and aerial lift trucks.
- **Qualifications:**
  - High school diploma or equivalent (GED) required.
  - Minimum of four (4) years of experience in maintenance and repair of single three phase electric motors, motor control centers, and generators.

Questions? No problem!  
Email us at [employment@tpcg.org](mailto:employment@tpcg.org).