

ELECTRICAL TECHNICIAN

Public Works | Roads & Bridges



SUMMARY

Troubleshoot electrical problems and perform preventative maintenance and repairs on all electrical equipment and instruments. Ensure proper operation of the Roads & Bridges equipment.

JOB OVERVIEW

Starting Pay

\$19.03 - \$24.43 per hour

Schedule

Monday - Thursday

Work some overtime including nights, weekends, and holidays.

Shift

7 a.m. - 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 excess of 100 feet

WORK ENVIRONMENT

Work indoors and outdoors in varying climates and conditions

EMERGENCY EVENTS

Required to work during emergency events.



Questions? No problem! Email us at
employment@tpcg.org.

ESSENTIAL FUNCTIONS

1. Troubleshoot electrical problems.
2. Perform preventative maintenance and repairs on all electrical equipment and instruments, including single and three phase electric motors, motor control centers, generators, traffic control signals, etc.
3. Perform repairs on building electrical equipment.
4. Perform some mechanical functions, such as Gearmotor repairs, switch repairs, and bearings and mechanical seal replacements.
5. Interpret electrical diagrams, schematics, etc.
6. Prepare material list and purchase materials needed to complete assignments.
7. Assist and work in other areas of division as needed.
8. Perform other duties as assigned by supervisor.

GENERAL REQUIREMENTS

1. Possess good oral and written communication skills.
2. Ability to read and interpret written and oral instructions including electrical diagrams.
3. Possess thorough knowledge of occupational hazards and precautions necessary for safe operation and repair of assigned equipment.
4. Learn and practice applicable safety rules and regulations.
5. Electronic skills and mechanical knowledge desired.
6. Ability to comprehend mechanics and operational procedures of assigned equipment.

EDUCATION, EXPERIENCE, AND LICENSES

1. High school diploma or GED certification required.
2. Minimum of four years of experience in maintenance and repair of single and three phase electric motors, motor control centers, generators, etc.
3. Possess and maintain a valid Louisiana driver's license.

EQUIPMENT USED

1. Conduit bender, pipe threader, amp meters
2. Volt/OHM Meter, fish tape, battery charger
3. Hand and power tools
4. Aerial lift truck