



Title: Electrical Test Specialist Department: Cogentrix Field Support Group
Reports to: Electrical Project Specialist

GENERAL FUNCTION:

Installation, testing, maintenance and repair of electrical equipment in power plant facilities used for plant and grid protection. Also, writing reports as required by the facilities and corporate for various compliance reporting, resulting from the electrical testing performed (i.e. NERC, CIP, post job work summaries, Root Cause Analysis, and field reports).

This position requires 85% travel throughout the United States and its territories. International travel may also be required from time to time.

MAJOR DUTIES AND RESPONSIBILITIES:

Installs, tests and calibrates power plant protective relays. And tests and maintains transformers, generators, switchgear, breakers, wiring, and other electrical system equipment and components in compliance with electrical codes, standards and regulations. This includes, but not necessarily limited to batteries, vacuum bottles, electronic components, battery charger controls and high voltage systems.

Operates a variety of electrical testing equipment in locating and determining types of electrical malfunctions, faults and/or general condition of the equipment.

Studies plans, drawings, specifications, manuals, and work orders to determine work requirements and sequence of repairs and/or installations.

Maintains complete logs and/or records of problems, repairs and protective system preventive maintenance reports. And when required in a format suitable for compliance reporting.

Implements safe working practices, immediately identifies hazards and recommends and/or implements repairs.

May work with and provide direction of outside contractors from time to time when sub-contractors are engaged in designated plant electrical-related work.

The preferred candidate should have the experience to support plant maintenance activities.

EDUCATION/EXPERIENCE REQUIREMENTS:

- Completion of a four-year state approved/recognized technical training program in electrical repair and maintenance and eight (8) years electrical experience; OR, Any equivalent combination of experience and/or education from which comparable knowledge, skills and abilities have been achieved.

- Demonstrated experience of three (3) years in supervising field personnel in a plant or field environment.
- Knowledge of the tools, equipment, and materials common to the electrical trade.
- Knowledge of NERC PRC-005-6 Testing and calibration.
- Knowledge of NETA Maintenance Testing Standard, NFPA 70B, NEC.
- Knowledge of electrical application for high, medium and low voltage electric system
- Skill in the installation, repair and maintenance of all types of electrical system equipment and components.
- Skilled in both verbal and written communication.
- Valid Driver's License and be insurable.
- The preferred "home" location for the position would be with in the eastern US.
- The job will require travel to sites between 60-75% of the year.

EDUCATION/EXPERIENCE PREFERENCES:

- Aerial Lift Certification
- NFPA 70E Certification
- NETA Qualified Technician Level 1-4
- State Journeyman/Master Electrical License
- NERC CIP
- Experience with Megger and Omicron test equipment.
- Also the preferred candidate should have experience and/or the desire to develop competence with Distributed Control Systems and Programmable Logic Controllers.

Qualified candidates should send their resumes to Careers@cogentrix.com.