

JOB DESCRIPTION

Revision Date: _____

Job Title: Electrician Technician

Job Classification: Hourly

Department: Production

Reports To: Electrical Supervisor

Job Summary

Analyze, troubleshooting, correct electrical problems and overhaul, repair, testing electrical equipment.

Duties and Responsibilities

Technical Competencies

- Pass written and on-site electrical technician test.
- Knowledge of high voltage termination and management.
- High ability to interpret, understand and analyzes schematic diagrams, circuit diagrams, operation and maintenance manuals, blueprints and other related drawings to install, repair, calibrate, service or replace electric/electronic devices and systems.
- Follow specifications and instructions from equipment manuals covering installation, electrical inspection, start up and repair.
- Determines need for analyzes and makes the necessary running adjustments, repairs, and overhauls.
- Ability to work with motor controls, integrated circuits, relays, pressure switches, PLC and any other related electric/electronic device.
- Knowledge of the testing and repair of the interfacing communication cables such as fiber optic, LAN, coaxial, etc.
- Service electronic equipment by checking, testing, and replacing faulty components, circuits, printed circuit boards and similar electronic devices.
- Experience in start up and troubleshoot electrical systems such as generators, electric cranes, transformers, inverters, high pressure pumps, low pressure pumps sets, etc.
- Knowledge of the basic applications of circuit boards, processors, chips, electronic equipment and computer hardware and software, including applications and programming.
- Conducting test and inspections of products, services or processes to evaluate quality or performance.

Tools use Competencies

- Knowledge in the use of electrical tools such as volt meter, ohm meter, amperage meter, communication cable test, load bank, power analyzers, pressure test, temperature, rotation meter, flow meter, oscilloscope, Hi-pot test.
- Use mathematics to solve problems.
- Selecting and using training/instructional methods and procedures appropriate for the situation when learning or teaching new things.
- Controlling operations of equipment or systems.
- Knowledge of machines and tools, including their designs, uses, repair, and maintenance.
- Fabricates parts if not commercially available using machine and hand tools common to the trade.
- Install, repair and maintain communication cables, power distribution cables splicing pieces as required.
- Teaching others how to do something.

Other Qualifications

- Starts up and shuts down equipment in accordance with company safety procedures for machine activation and shutdown and in compliance with OSHA requirements.
- Perform work requiring a thorough knowledge of electrical theory and principles, statutory codes, properties of materials and principles of operation of electrical equipment.
- Advises and cautions operators and mechanics about potential electrical problems and inherent dangers involved.
- Notifies supervisor of potentially dangerous electrical equipment, notes the concern and takes corrective action.
- Responsible for its own work quality wise including inspection.
- Understand and follow HSE specific safety rules for the intended application.
- Contribute fully to the team effort to maintain 5S, workstation cleanliness organization.
- Perform any other duties as assigned.

Additional duties and responsibilities may be added to this position as required by the organization.

Commitment to QHSE

employees are required to follow Quality, Health, Safety, and Environmental Policies & Procedures on a daily basis. Employees are required to work safely, effectively, and efficiently in order to care for the environment, work place, and coworkers. Employees are highly encouraged to suggest ways to improve any aspect of the company's processes.

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Experience Qualification	
Minimum of 4 years of general electrician experience; or an equivalent combination of training and experience	Possess knowledge of interpreting electrical schematics, circuit diagrams, operating and maintenance manuals.
Skills and Abilities Qualification	
Communication Skills Teamwork Oriented Judgment and Decision Making Skills Reliable Analytical Skills Stress Management Skills Detailed Oriented	Ability to climb in overhead structures; work beneath machines and in close quarters Ability to work with a high degree of attention and care to prevent injury to others when responsible for flow of electrical power Ability to work on any shift Bilingual (English/Spanish) preferred
Education Qualification	
High School Diploma or Equivalent preferred Journeyman Electrical License preferred	

Job Description Approvals	
Dept. Head Name: _____	
Dept. Head Signature: _____	Date: _____
HR Manager Name: _____	
HR Manager Signature: _____	Date: _____

Employee Acknowledgement of Job Description	
Print Employee Name: _____	ID#: _____
Employee Signature: _____	Date: _____