

Job Title: Electrician
Department: Operations / Travelling, TX
Revision Date: 05/04/2021

# FLASH

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## Position Overview

Electrician is experienced in troubleshooting and repair of industrial electrical systems and machinery controls. This position is responsible for installation activities of all manufacturing machinery and equipment. Furthermore, this position is responsible for performing upgrades on production equipment to ensure minimal down time. He/she will provide leadership, direction, and control over all related functions in compliance with corporate, crew, and department policies and objectives.

## Position Responsibilities

Key duties of this position include, but are not limited to:

- Provide technical leadership, expertise and hands-on support for industrial electrical systems (3 phase 480/240/208 and single phase 120/low voltage) and machine process (PLC) controls.
- Communicate current issues to crew leadership (e.g., personnel productivity, cost reduction, safety, machine reliability and efficiency).
- Ensure compliance with all safety-related requirements and policies.
- Read and develop blueprints, wiring diagrams, schematic drawings and engineering instructions for instrumentation and automation projects.
- Maintain cleanliness and organization of all work areas.
- Ability to troubleshoot and repair machines, equipment, fixtures, air, plumbing, hydraulic, pneumatic, electrical and mechanical systems.
- Troubleshooting and repair of electrical equipment (lighting, motors, MCC panels, overload protection devices, etc.) and systems programming PLC systems, with emphasis on Allen-Bradley systems.
- Manage Computerized Maintenance Management Software (CMMS) System

## Qualifications

- Journeyman electrician or Master electrician
- Travel 100% of time as needed where needed on jobsites.
- Installation experience in a mining/production setting preferred.
- Experienced in safety-related practices and OSHA/MSHA compliance requirements in areas such as Lockout-Tagout, Electrical Safety, Arc Flash Hazards, Fall Protection, Hazard Communication, etc.
- Highly disciplined and motivated self-starter with excellent communication (verbal and written) skills, analytical and problem-solving skills, and a strong work ethic.
- Well-rounded in working with PLC software and hardware with an ability to maintain the plant, optimize production, and maintain or improve machine reliability and efficiency.
- Work extended work schedules, including weekends and overtime as needed.
- Familiar with predictive maintenance and continuous improvement concepts.
- Effectively work with mechanical and process engineers to implement new electrical control systems and provide direction and training for the mechanics and technicians supporting the mining equipment.
- Mobile equipment operation skills

## Additional Requirements

- Pass toxicity test

- Medical clearance to wear respiratory protection
- Team-oriented, effective communicator (verbal and written), able to offer technical expertise and guidance, and have the ability and willingness to build rapport with team members and external agencies
- Ability to manage multiple tasks and set priorities appropriately
- Willingness to further training or education, if requested
- Current computer applications knowledge, including word processing and spreadsheets

\*\*The above list is not an all-inclusive of duties and/or requirements. You will be expected to perform various tasks as required by the company, customer, or external agencies. As business objectives change, so to may the required job responsibilities.