



ELECTRICIAN – 442A/309A

THE ROLE:

The Electrician team member will maintain all equipment to required standards, be responsive to line calls and equipment failures. The technical team member routinely performs work independently and must be able to work in an environment with many distractions, maintaining a high level of accuracy and safety, while performing their duties. Must become familiar and follow the “Concast it Right” Philosophies.

ESSENTIAL FOCUS:

- Maintain all Electrical production equipment and responds to breakdowns with a sense of urgency
- Diagnose and resolve Electrical issues, ensuring that all safety and control functions are always working properly
- Make necessary changes to current equipment and assist other trades with new equipment installation and commissioning
- Perform preventive maintenance tasks as assigned
- Perform troubleshooting of electrical / mechanical mechanisms and assemblies, pneumatics / hydraulics
- Downtime Call Support (Fast equipment recovery and decision making)
- Make all necessary Electrical breakdown repairs safely within the plant /machinery
- Read and interpret drawings, blueprints, schematics to determine layout of industrial equipment installations
- Update and document changes on CMMS work orders
- Daily communication (Shift start meetings, feedback for Planner, Quarterly production meetings, WO backlog reviews, activity coordination with other shift members)
- Troubleshoot, diagnose and repair of Electrical equipment
- Repair, install and troubleshoot various machines and equipment
- Must be able to read schematics, specifications, and blueprints.
- Able to use hand and power tools, gauging and testing devices
- Perform regular machine maintenance as required in the Preventative Maintenance Program as well as contribute to the development of the program with focus on continual improvement and cost reduction
- Perform predictive maintenance activities on the equipment
- Plan assigned work in an efficient method to minimize machine downtime while ensuring employee safety is maintained
- Design, fabricate and installation of safety circuits as per PSR requirements
- Inspect and measure parts to detect wear, misalignment, or other problems.
- Department 5S activity (Maintain strong 5S for all equipment, tools and maintenance shop, maintain local parts stocking, emergency recovery tools)
- Parts sourcing (Quote initiation, vendor negotiations, part specification)



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KNOWLEDGE, SKILLS & ABILITIES

- Knowledge of Electrical Industry Standards and requirements
- Robot programming experience is an asset
- Motion control knowledge including Servo and Variable Frequency Drives
- Ability to read and troubleshoot electrical schematics and ladder diagrams
- PLC system knowledge and ladder logic programming experience considered an asset
- Effectively utilize measurement equipment to diagnose and troubleshoot equipment failures
- Experience with CMMS systems for logging maintenance activity and ordering parts an asset
- Mechanical aptitude including knowledge of hydraulics, pneumatics, conveyors, vibrators and transfer equipment an asset
- Project management experience (Ability to manage contractors and construction projects)
- Equipment integration experience that includes installation, setup, troubleshooting and commissioning
- Demonstrated ability to use measuring instruments (micrometers, Vernier's and Calipers)
- Demonstrated knowledge of hydraulics and pneumatics, pumps, gear boxes, bearing, seals and alignment of couplings
- Demonstrated knowledge of rigging and man-lifts (elevated work platforms)
- Demonstrated knowledge of Mathematics
- Demonstrated attention to detail, organizational and interpersonal skills
- Demonstrated ability to work in a team environment
- Basic computer skills
- Working knowledge of safety standards of equipment
- Ability to work independently, without supervision
- Ability to work to deadlines and support multiple demands
- Ability to uphold confidentiality
- Ability to work in locations inside and outside of the facility
- Ability to work overtime to meet customer requirements
- Ability to work at heights and confined spaces
- Willing and able to work overtime on short notice (pre and post shift and weekends)
- Willing to modify work hours and shifts on short notice as required