



MAINTENANCE TECHNICIAN – ELECTRICAL & CONTROLS

JOB SUMMARY:

The Maintenance Technician (Electrical & Controls) leads a wide range of work involving troubleshooting, repair, adjustments, and calibration of industrial electrical and electronic equipment, such as PLC's, variable frequency drives, instrumentation, and industrial computers. Other specific duties include implementing improvements in the areas of safety, uptime, and quality. This position reports to the Electrical Maintenance Supervisor and performs the following essential tasks:

ESSENTIAL FUNCTIONS:

Safety: Inspects equipment and informs E&C supervisor and process technicians of potentially unsafe electrical equipment, recommends and implements authorized corrective actions taken.

Plant equipment and facilities maintenance:

- Participates in preventive maintenance programs including process machinery/equipment lubrication, adjustments, cleaning and operating diagnosis.
- PLC Programming: troubleshoots and writes ladder logic, and programs for Allen Bradley RS Logix 5000 and Human Machine Interface (HMI) using Wonderware 11.0. to improve equipment performance
- Automation devices: programs, troubleshoots with DeviceNet, ControlNet and Flex I/O is a plus.
- Electrical: Installs, troubleshoots and repairs Variable Frequency Drive (VFD), Softstart SMC Flex, E3 Plus Overloads. Wires, troubleshoots and repairs 480V and 4160V electrical distribution equipment.

Production support: Supports the production team in improvements to all aspects of production as needed, including operating equipment, tooling changeovers, equipment maintenance, product quality control monitoring, and training of process technicians.

Continuous Improvement: Supports preparation of reports, analyzes data, and makes recommendations for improving plant safety, uptime, quality, energy consumption, tool change cycle times and other operational metrics. This position will also be involved with assisting mechanical maintenance with a variety of tasks in a coordinated effort to maintain operations.

Other: Performs other tasks as assigned by the maintenance manager, E&C supervisor, or designee.

QUALIFICATIONS:

To perform this job successfully, an individual must be able to perform each essential function satisfactorily. The requirements listed below are representative of the knowledge, skill, and/or ability required. Reasonable accommodations may be made to enable individuals with disabilities to perform the essential functions.



Education and/or experience: Associate degree, Diploma from a Technical College or Trade School or High School diploma in a technical field with a minimum of 7 years' experience in PLC programming and working with automated devices, electrical distribution equipment. Journeyman Electrical license a plus. Experience with heavy industrial equipment or process industry such as chemicals, pulp and paper, industrial scale sawmills, and Oriented Strand Board (OSB) are preferred.

Skills and abilities:

- Strong electrical, controls and instrumentation aptitude combined with a can-do attitude,
- Ability to work with maintenance and production functions, and an understanding of production urgency
- Ability to use hand tools and trades type tools.
- High mental and visual effort required.
- General knowledge of lockout tagout and other safety procedures.
- Good communication skills, both written and oral.
- Ability to read, interpret and work from blueprints, specifications and parts lists.
- Ability to layout and apply approved mechanical principles for installing and maintaining industrial equipment.
- Understand the characteristics of various metals and properly apply them with other materials used to maintain and repair equipment.
- Possess knowledge of shop mathematics, use of charts and tables, efficient planning of assigned work, dimensions and uses of fasteners (bolts, screws and threads).
- Ability to use Microsoft Office Suite of applications (Word/Excel, etc).
- Ability to use Computerized Maintenance Management System (CMMS).
- Available to work overtime when necessary and serve on an On-Call program.

Certificates, Licenses, Registrations: Valid Georgia Driver's License.