ELECTRICAL MAINTENANCE TECHNICIAN

Hourly Rate: $33.50/hr

<u>This Position is a Swing Shift</u>

If you have electrical experience in a manufacturing environment, this is a great time to join an incredibly stable manufacturing facility that has been in business for over 100 years and has the backing of a large global organization.

Thomas Steel Strip Corp. is searching for an experienced Electrical Maintenance Technician for their facility in Warren, OH.

If you have electrical maintenance experience in a manufacturing environment, they want to hear from you. Experience with installation and troubleshooting PLC's and automation controls and drives is required.

Some of the benefits to you:

- Guaranteed contractual pay increases – $2.50/hr increase 4/1/27 and $3.00/hr increase 4/1/28
- Additional compensation – monthly production and yield bonuses
- Excellent benefits – Including: medical (low premiums!), free dental and vision; 401k; vacation time; and union pension.
- Company stability – Thomas Steel has been in business since 1923 and is an integral component of Tata Steel Plating USA.
- Hours – We work weekends and rotate shifts, so all candidates must be able to work all 3 shifts (days, afternoons & midnights) on a rotating basis and must be available to work weekends as needed.

Primary Function:

The Electrical Maintenance Technician is responsible for maintaining, troubleshooting, repairing, installing, calibrating, testing, and modifying electrical, electronic, electromechanical, pneumatic, hydraulic, and computer-controlled equipment and systems. The position performs preventive and corrective maintenance, diagnoses electrical and control system issues, and ensures equipment operates safely, reliably, and efficiently while minimizing downtime.

Sensitivity: general

Tools and Equipment:

Schematics, wiring diagrams, drawings, electrical and electronic tools, precision instruments, personal computers, calibrating and testing equipment, hand tools, drill press, grinder, electric drills, wire stripper soldering iron, ladders, power man lift, safety devices, and any tool or equipment associated with the craft.

Materials:

AC and DC drive systems and fractional horsepower motors as associated with the craft; electronic controls and regulators: various mill and production equipment; electronic computing and control systems: data indicating. recording, and processing equipment; control circuits; electro-mechanical control instruments: electronic gauges and detectors; x-ray gauges; industrial TV; radios; annunciators; vacuum tubes: transistors: transducers: wire and cable terminations, connectors and cable associated with the craft: electronic scales: load cells: pneumatic control instrumentation; tachometers: resolvers: encoders: printed circuit boards: potentiometers: ultrasonic devices; power supplies; SCR's: radio controls: programmable logic controllers: computerized numerical controllers: pneumatic controllers; hydraulic controllers: and audio amplifiers.

Working procedures:

- Procures schematics, wiring diagrams, drawings, specifications, and instructions covering the scheduled and emergency repairs, replacements and inspection work to be done.
- Makes programming changes or forces as required for troubleshooting, or as directed by supervision or engineering support.
- Analyzes all types of circuits, schematics, wiring diagrams, and drawings as required to replace, repair, adjust, calibrate, assemble, modify or service all types of electronic control systems and electronic controls for electro- mechanical devices and systems: including communications systems electronics, various mill and production equipment, electronic computing and control systems, assists troubleshooting control power distribution system, programmable logic controllers, computerized numerical controllers, pneumatic controllers, hydraulic controllers, measuring, recording, processing, and control devices, indicating devices and gauges, rectifiers and transformers associated with the craft.
- Plans details of working procedure to determine material or replacement needs and selects a logical approach to "troubleshooting" and repair problems. Answers calls to trouble shoot.

Sensitivity: general

- Makes sketches of parts and layouts. Designs and constructs adaptations or conversions of component parts.
- Assembles, inspects, calibrates, repairs or replaces faulty parts on all types of electronic, electro-mechanical devices.
- Makes electronic repairs on pneumatic, mechanical and hydraulic system repairs as required in connection with the servicing of electronic equipment and instruments.
- Inspects, dismantles, services, reassembles, tests and adjusts equipment for safe and proper operation.
- Considers all safety precautions and proper isolation of circuits to cause a minimum of interference to operations.
- Plans and performs work requiring a thorough knowledge of electronic, electrical, mechanical, pneumatic and hydraulic principles, wiring specification codes, properties of various materials, principles of operation and application of equipment, associated with the craft.
- Fabricates assemblies as required using machine and hand tools common to the craft.
- Maintains performance and maintenance records on electronic equipment and electro-mechanical instruments.
- Assist in start-up of new installation.
- Climbs on buildings, towers, and mill equipment to make inspections, repairs, and replacements.
- Replaces fuses, switches, relays, and components mounted on printed circuit boards or within electronic control circuits.
- Maintains clean and orderly work area at all times.

About the Company: With a history dating back to the early 1920s, Thomas Steel Strip is today recognized as a world-class industry leader in plating. Whether your applications require cold-rolled or plated steel, you can be confident that Thomas Steel will provide products that meet the highest levels of dimensional and plating layer precision.

All qualified applicants will receive consideration for employment without regard to the individual's race, color, sex, national origin, religion, age, disability, genetic information, status as a military veteran or any other characteristic protected by applicable law.

Sensitivity: general