

Electrical / Mechanical Technician A

Primary Functions

The position is responsible for performing in depth technical difficult troubleshooting, repair and maintenance of equipment. Assists associates and manufacturing representatives in determining the root cause of problems. Provides prevention and improvement suggestions on process improvements. Evaluates equipment feasibility requirements and suggests upgrades to existing equipment. The position supports a lean and a safe manufacturing environment, quality and supports teamwork throughout SGS.

Key matrices:

- Troubleshoot electrical problems. Work with machine manufacturers as needed to execute repairs.
- Work with machine set up associates to identify, troubleshoot and repair machine problems as identified.
- Enter required data into 7I for work orders completed and parts used.
- Perform any mechanical repairs on CNC equipment as needed.
- Perform activities related to machine moves and installations.
- Diagnose, troubleshoot, repair/rebuild and install equipment or related parts.
- Generates a detail report on extensive/excessive repair costs and submits to coach for evaluation and approval.
- Install, modify, maintain and repair of electronic/mechanical, systems, facilities and related electronic controls and devices by interpreting blueprints, manufacturers' specifications, written and verbal instructions.
- Diagnose, troubleshoot, repair and install electrical systems, including computerized production equipment and or related electrical components.
- Performs electronic maintenance and modification to electronic systems to ensure equipment optimization.
- Reads job specifications to determine machine adjustments and material requirements are performed correctly by the setup/operator associate.
- Observes machine operation to detect machine malfunctions and repair assessment.
- Replace/repair motors, performs mechanical adjustments and mechanical repairs.
- Performs minor fabrications and coolant pump replacement as needed.
- Maintain up to date equipment operating "B" type cards.
- Install software as required for production equipment.
- Operate computer numerical control machines to fabricate parts as needed.
- Performs hydraulic and pneumatic repairs; replace valves, replace cylinders, repair/replace lines and fittings.
- Prepares and maintains records and reports in compliance with operational, procedural, OSHA, ANSI and Environmental Health requirements.
- Maintain proper housekeeping and safety standards of machinery, tools and equipment.
- Proper use of personal protective equipment and safety devices such as locking and tagging out equipment.

Requirements

High school diploma or GED equivalent required. Associates Degree or Two Year Technical Degree in Electrical Engineering or Technology preferred. Five years of experience and/or training of equipment repair and maintenance or any combination of education, training and experience that demonstrates the ability to perform the duties of the position. Five years' experience in the repair or assembly of electrical or mechanical components and equipment. Working knowledge of restoring operating systems and CNC and PLC controlled machines and the use of various hand power tools. Must have own hand tools necessary to perform job duties. Read and understand hydraulic, electrical, electronic and pneumatic schematics and prints. Able to use diagnostic equipment and follow written and verbal instructions, including manufacturers' service specifications. Previous experience with electricity and electronics, single and 3-phase AC motor wiring, power wiring, relay logic, PLC wiring, low voltage DC, DC motors, motor starters, AC and DC motor drives, sensors and switches, stepper and servo motors, and position feedback devices. Must be able to read and interpret drawings, follow routers, use math to perform required calculations. Must have and maintain a valid Ohio Driver's License and be accepted by the Company insurance carrier to drive Company vehicles.

Are you up for this rewarding challenge?

Please apply in person at 54 South Main Street, Munroe Falls, Ohio 44262, fax to 330.686.2128 or email to hr@sgstool.com. (EOE). **Prefer local candidates. No phone calls please.**