



Automation/Robotic Technician

Merit Technologies Worldwide - Canton, MI

Position Summary:

Under minimal supervision, perform repairs and PM activities, emergency and scheduled shut downs. Maintain and troubleshoot EOAT= End of arm tooling. Be able to teach robot positions. Be able to write small routines pertaining to new jobs. Troubleshooting and repairing hydraulic, electrical, mechanical and pneumatic systems.

Essential Responsibilities:

- Touch up and create Robot Positions
- Program parameters in PLC and Robot and Vision systems as needed.
- Interpret PLC program, Robot Pendant, technical manuals, drawings, sketches and schematic diagrams.
- Troubleshoot 24 VDC circuits
- Ability to work from verbal instructions and written work orders.
- Troubleshoot, repair and maintain a wide variety of mechanical and pneumatic equipment, ie: EOAT, various sensors, cylinders, valves, suction cups, grippers, etc.
- Support production needs.
- Support die change over.
- Work in coordination with Maintenance Technicians.
- Communicate with other shifts and coworkers to ensure progress of project or repair.

Job Knowledge, Skills and Abilities:

- English (grammar and language) and math. Familiarity of machines and tools.
- Use logic and reasoning to identify alternative solutions, conclusions, or approaches to problems.
- Good computer skills.
- Demonstrate ability to run MTW HS Production Lines.
- Able to use IRC5 pendant. Remove robot tool from oven. Step through code.
- Able to troubleshoot robot tools.
- Visual acuity is required for reading machine dials, work orders, precision measuring instruments and for performing visual/physical quality inspections.
- Ability to make arithmetical computations (addition, subtraction, division, multiplication).
- Ability to use Calipers and measuring tools.
- Ability to work safely without presenting direct threat to self or others. .

Physical Demands & Work Environment:

The characteristics described below are representative of those encountered while performing the essential functions of this position. Reasonable accommodations will be made to enable individuals with disabilities to perform the essential functions.

Physical Demands:

While performing duties of this job, would occasionally be required to stand, walk, sit, reach with hands and arms, climb or balance, stoop or kneel, talk and hear, and use fingers and hands to feel objects, tools or controls. Must occasionally lift and/or move up to 40 pounds. Specific vision abilities required include close vision,

distance vision, depth perceptions, and the ability to adjust focus. Overtime may be necessary as work load's dictate. This may include weekdays, weekends and/or holidays.

Work Environments:

Job will generally be performed in an office environment, but may require travel to visit a customer's facility and/or production facility. Job requires dealing calmly and effectively with high stress situations. Employees may be subject to random drug and alcohol testing under FAA regulations.

****Openings for 2nd, and 3rd Shifts****

Job Type: Full-time

Required education:

- High school or equivalent

Required experience:

- Using Hand Tools: 1 year
- Arithmetical Computations: 1 year
- Using IRC5 pendant: 1 year

Required license or certification:

- Driver's License