



## Automation Engineer



This position leads and/or assists with the quotation, integration and improvement of complex automation equipment, and establishes reliable PLC programs for automation and robotics.

The ideal candidate is a cross skilled (mechatronics) automation engineer and possesses strong PLC programming skills around Allen Bradley, Beckhoff and diverse robotic systems and automation.

### Scope of Duties:

- Assess automation requirements for new customer inquiries for production projects and provides estimates; participates in feasibility meetings.
- Assists with manufacturing concepts, design, and purchasing of automation equipment.
- Leads and/or assists with detailed vendor quotes for automation equipment.
- Manages the installation and run off of automation equipment.
- Creates and modifies PLC programs for automation and robots.
- Verifies all electrical systems and controls on equipment are meeting design, efficiency, and safety standards.
- Creates and/or verifies working instructions or troubleshooting guides as they relate to automation; trains production personnel as needed.
- Ensures automation programs are current and regularly backed up.
- Troubleshoots production equipment and supports off shifts as needed.
- Leads and/or assists with automation equipment operational improvements (e.g. cycle time, scrap reduction, etc.) in view of overall company objectives.
- Travels to customers or vendors as needed.

### Requirements:

- Degree in Engineering, preferably BSEE.
- 5+ years of experience with complex automation and robotic system production processes.
- Advanced PLC programming skills (Allen Bradley, Beckhoff).
- Familiar with different testing and vision control systems (high pot, Cognex, etc.)
- Familiar with Industry safety standards (OSHA, CE, etc.)
- Proficient in Design/Drafting Tools (Pro-E, Solid Edge).
- Knowledge/experience with mechanical, hydraulic and pneumatic applications and systems.
- Experience with injection molding, tool and die preferred.
- Experience in leading projects and working with budgets.
- Experience and skill in troubleshooting control system issues



Insofar as personal names are given only in masculine form, this applies equally to women and men.



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