



<b>Job Title</b>	Automation Programmer	<b>Levels</b>	N/A
<b>Department</b>	Engineering	<b>Classification</b>	Exempt
<b>Report To</b>	Electrical Engineering Manager	<b>Benefits</b>	All
<b>Day Shift</b>	Mon-Thurs, 9 hours: 8:00am-5:00pm + flex time Fri, 4 hours: 8:00 am-11:30am + flex time	<b>Background Checks</b>	Previous Employment: Yes I-9: Yes Criminal: Yes Driver Motor Vehicle: Yes
<b>Status</b>	Full Time - 40 hours		
<b>Travel</b>	Essential		

**General Purpose:**

Responsible for producing a ladder logic program to control packaging machinery, within a given timeframe, that meets the customer’s specifications using creativity and innovation.

**Essential Functions:**

- Meets with the controls designer to determine electrical components needed
- Works with mechanical engineers to develop machine process
- Creates ladder logic programs to control machinery and components using Allen Bradley RSLogix 5000 software
- Creates Human Machine Interface (HMI) programs using Allen Bradley RSView Studio ME software
- Communicates and interacts with customers in a positive and professional manner
- Reviews safety circuit and program to ensure a safe machine is developed
- Provides suggestions for design improvements or changes during all phases of machine design
- Assists with developing electrical standards compliant to all appropriate national and international standards (including but not limited to UL code, NEC, EE, CE, IEE, CSA, etc.)
- Integrates third party equipment into machine functions
- Works with the validation engineer to troubleshoot any program errors
- Reviews the operating manuals prepared by the technical writer to ensure accuracy and reduce service calls
- Travels to customers’ plant or provides remote service and support of equipment

**Supplementary Functions:**

- Maintains a clean and safe work area everyday
- Shows a strong eagerness to learn and a positive attitude everyday
- Attends and participates in company meetings

**Education, Experience and Qualifications:**

- B.S. degree in Electrical or Mechanical Engineering required or equivalent
- Experience in programming PLC’s, robots, and operator interfaces preferred
- Experience with writing ladder logic programs preferred
- Familiarity with other programming languages a plus
- Experience in manufacturing environment preferred





-Must have a valid driver's license and a record clear of poor violation convictions such as reckless driving or Driving Under the Influence (DUI/DWI) within the past three years or two or more at fault accidents within the past three years.

**Job Knowledge, Skills and Abilities:**

Knowledge of Allen Bradley PLC, HMI, and servo systems  
Demonstrates computer literacy with Microsoft Word, Excel, and Outlook  
Demonstrates a brilliant imagination  
Capable of developing new concepts and standards  
Ability to think ahead and plan over a 3 – 6 month time span  
Exhibits clear communication skills (written & verbal)  
Displays great attention to detail  
Ability to work in a team environment  
Shows organizational skills and the ability to handle multiple projects simultaneously  
Ability to solve practical problems  
Exhibits troubleshooting skills, both mechanical and electrical  
Must be able to make good decisions independently  
Displays desire to meet customer's needs  
Ability to travel 25% of the year

**Working Environment:**

-Works in an office environment  
-Exposure to shop elements such as loud noises, dust, fumes, odors and machinery in the developmental stages that has moving parts

**Physical Requirements:**

-Sitting for long periods of time  
-Ability to focus on computer screen for long periods of time  
-Requires regularly standing, reaching, bending and moving about the facility  
-Light lifting and occasional moderate lifting