

## **Robotic Engineer**

This individual is responsible for Programming, Commissioning, and Startup of Fanuc integrated automation systems. The position responsibilities include design, planning and creating programs, in-house debug, and field start-up of a Fanuc robot which is part of an automated system. A typical system includes an AB Logix PLC, FANUC robot, and an HMI. The person in this role will work as part of an overall design team to specify control requirements and sequence of operations. Most of the job will be performed at the Company's location, with travel required for start-up and commissioning at customer facilities.

### **Job Functions**

- Develop a complete robotic electrical design package focused on the needs of the robot and end-of-arm-tooling.
- Work with the controls engineer to seamlessly integrate the robot into the system integration.
- Willing to be trained to develop PLC programs to integrate multiple material handling devices to create an integrated production system.
- Develop robot programs to perform required material handling functions.
- Edit and interface HMI programs with PLC and robot functions.
- Specify and maintain I/O lists used to coordinate electrical design with program design.
- Maintain electrical schematics after the initial system assembly is complete.
- Test, debug, modify, and validate all system functions prior to shipment.
- Start-up and commission completed system at customer site for final customer approval.
- Train company and customer technicians on the operation and program maintenance of the delivered system.

### **Skills and Experience Requirements**

- Some knowledge of PLC programming, Allen Bradley/Rockwell Logix products a plus.
- Experience in programming, installation, startup, and debug of integrated robotic production systems.
- Experience with FANUC Robotics or other industrial robots preferably in a material handling capacity.
- Experience working independently at customer facilities
- Strong mechanical aptitude
- Proficient in reading, interpreting, and editing electrical schematics and diagrams
- AutoCAD LT experience a plus.
- Experience in Robotic Material Handling and Packaging applications a plus.
- Good verbal and written communication skills.
- Work well within a team environment.
- Proficiency with Microsoft office programs including spreadsheets, email, and documents