



POSITION: Senior Automation & Controls Engineer / Integrator

****This is an advanced engineering position and candidates will be required to demonstrate competence as an automation engineer. ****

ICR Resources, a rapidly growing provider of custom automated industrial machinery, electrical and mechanical engineering services. We are currently seeking to fill two Automation Engineering positions.

Benefits:

Health
Vision / Dental
401K (Matching)
Short Term / Long Term Disability
Holiday / Vacation

Our services include but not limited to:

- Automated Process Design & Consulting
- Machinery Design and Build
- PLC / PC Based Automation
- SCADA - Data Collection, Historian and Andon services
- Process Instrumentation and DCS systems
- Wireless Automation Solutions
- Electrical Infrastructure Design and Installation Management (voltages less than 15kv)
- Custom Robot and Motion Solutions

JOB DESCRIPTION:

- Control System Design
- Advanced PLC Programming (all manufacturers)
- Advanced HMI Programming (all manufacturers) including scripting
- Robot Programming (Pendant and Software Based)
- VFD, Servo, Motor control design, installation, and troubleshooting
- Power distribution design and installation supervision including MCC and switchgear
- Panel layout in 2d cad
- System drawings in Solid works Electrical
- Manage multiple projects at the same time including subcontractors both mechanical and electrical
- Utilization of various industrial protocols across different types of media. Including cat5e, fiber, wireless, serial, etc.
- E/IP, Modbus, Modbus RTU/ASCII/TCP, Profibus, DeviceNet as examples of protocols that may be utilized
- Understand, troubleshoot and Implement P,I&D control systems.
- Travel to individual customers site for supervision of system installs and customer support. Advanced troubleshooting skills are required.
- Design, Build, and Install SCADA systems. Design systems that display real-time production status. Setup up of database (SQL, ODBC, etc.) may be required for historian applications.
- Understand an equipment or process problems, and effectively countermeasure the root cause
- Understand process requirements and specify electrical and mechanical hardware with the environment in mind.
- Electrically, mechanically, chemically.
- Candidate must possess strong troubleshooting skills

SOFTWARE UTILIZED ON A FREQUENTLY

- PLC software (all types) / HMI software (all types)
- Program robots by teach pendant
- Robot Programming by PC Software
- 2d Auto Cad
- Solid works
- Excel / Word / Outlook

CHARACTER TRAITS REQUIRED:

- Self-Driven, Honest
- Energetic and Highly Productive
- Precise
- Professional
- Positive Attitude
- Hands on
- Ability to pass a drug and alcohol screening
- Ability to represent the ICR Resources LLC in a positive way