

Applied Industrial Controls – Job Description



Applied Industrial Controls (AIC) has been in business for 25 years. Since the beginning, the company has been driven by engineers to be the leading automation solutions provider in Georgia. AIC started as experts educating customers on the proper design for industrial electrical sales and grew into a full panel shop with consulting design work. Based in Buford, Georgia, AIC assists companies with all aspects of designing and assembling custom industrial control panels. Applied Industrial Controls prides itself on being the best. Our positions require passionate individuals who demonstrate initiative, autonomy, conviction, and care for customers as well as fellow employees. This position is primarily responsible for design of custom industrial electrical panels.

Education: Bachelor's in Electrical (Preferred) or Mechanical Engineering

Experience: 5 years of UL508A Panel design, industrial controls, and programming experience

Work Location: Buford, GA

Company website: <http://www.aic-controls.com>

Work Remotely: No

Schedule: Monday to Friday

Job Type: Full-time

Relocation Assistance: No

Benefits:

- 401(k)
- Paid time off
- Health insurance
- Dental insurance
- Vision insurance
- Disability Insurance
- Life Insurance

Responsibilities:

- Design control panels to meet UL508A / CSA 22.2 standards meeting NEC codes.

- Program Programmable Logic Controllers (PLCs), Smart Relays, Human Machine Interfaces (HMIs), and Variable Frequency Drives (VFDs).
- Select components to meet specifications including sensors, motor control components (VFDs, Overloads, MMPs, Contactors, etc.), user interfaces (lights, push buttons, HMIs, etc.), circuit protection (fusing, breakers, etc.), processors / controllers (PLCs, Programmable relays, VFDs, etc.), and enclosures.
- Ability to read and analyze project plans and specifications and create submittals including and identifying any exceptions.
- Develop and maintain As-Built drawings and document all changes including saving and preserving all related correspondence related to changes.
- Review and report costs to assist project manager in meeting budget requirements.
- React to project changes and supplier issues quickly with alternative components and design modifications to maintain project timelines.
- Facilitate discussions with project stake holders regarding quality issues and schedule forecasts.
- Quote projects including engineering time requirements and materials specification.
- Ability to get Siemens PLC Programming and ABB VFD certifications.
- Perform other duties as assigned by immediate supervisor or management.

Qualifications:

- Proficient with computers and networking as it pertains to programming and connecting to industrial devices.
- Proficiency with Microsoft Office: Microsoft Word, Excel, Project, Power Point, and Outlook required.
- Proficiency with EPlan for electrical drawings.
- Siemens Tia Portal, Allen Bradley PLCs, and ABB VFDs.
- Proficiency with HMI, and PLC (ladder logic) programming; Siemens and Allen Bradley preferred.
- Proficiency with VFDs commissioning and communications; ABB and Allen Bradley preferred.
- Proficiency in motor controls, circuit protection, and wiring standards.
- Possess excellent written and verbal communication skills along with strong organization skills; ability to talk to customers from engineering, maintenance, management, and AHJ; ability to talk to and relate to panel assembly personnel.
- Ability to work independently and as part of a team.
- Be a motivated self-starter; ability to work without constant supervision or micromanaging. Ability to set, commit, and fulfill timelines.
- Ability to learn quickly with excellent capacity to develop skills and contribute using defined processes.
- Ability to quickly analyze, interpret, and compare detailed information.
- Four-year college degree in Electrical (Preferred), Software, or Mechanical Engineering.
- A minimum of 5 years' experience in project controls.
- Valid Driver's License required.

Work Environment:

- Project variety with designs covering medical, water / waster water, air filtration, and more.
- 60% working predominately in the office with some work from home possibilities.
- 30% working in the UL508A Panel shop testing and commissioning custom designs.
- 10% doing field startups throughout Georgia. Possible overnight stay approximately (2) times per year for up to a week.
- Ability to work additional hours and / or weekends when required.
- Effectively manage time addressing the comprehensive needs of your assigned projects.
- Execution-focused with the ability to take individual responsibility for delivering quality work in a deadline driven environment with a high level of precision.
- Effective communication skills to cross departments, peers, project management, and senior management.