



Job Description

Title: Senior Controls Engineer

Reports to: Automation Manager

Overall Responsibilities:

- Interpret client requirements, identify and address design parameters and engineering problems and ensure solutions are implemented accurately and within budget.
- Develop electrical and controls system design solutions based on accepted engineering principles in support of the solution according to the specification.
- Define equipment and parts from external suppliers.
- Understand machine safety requirements and specifications, and implement designs in compliance.
- Create accurate Bill of Materials.
- Support the assembly and validation of systems which may include pneumatics, servos, VFD's, relays, communication networks, touchscreens, PLCs, Programmable Safety Controllers, and various equipment.
- Commission customized products and systems onsite and at customer facilities.
- Resolve technical problems, and work to minimize delays or unexpected cost increases.
- Ensure all relevant safety objectives and legal requirements are observed for all work completed.
- Create customized documentation package, including user manuals, programming diagrams, network diagrams, and electrical drawings in accordance with industry and company quality standards.
- Provide timely and accurate project updates.
- Oversee project workflow and support internal and external resources to ensure timely delivery of projects, expected quality, and allotted budget.
- Perform other miscellaneous duties as the position requires.

Job Requirements:

- An Associate's Degree in Electrical / Electro-Mechanical Technologies (or similar related degree) or equivalent work experience.
- Proficient or ability to learn MS Office Suite, RSLogix 5000, FactoryTalk View Studio, AutoCAD.
- Strong fundamental knowledge of control and electrical system design and its application in automated industrial designs including specification of power, sensor, inspection, and communications systems.
- Efficiently organize and plan work tasks to meet company goals.
- Must be a self-starter, team player, work well with others, and have a positive attitude.
- Must have ability to prioritize, multi-task and meet deadlines.
- Maintain accurate records and files according to company quality standards.