



An ATN Services Company

Professional Industrial Consultants

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CONTROLS LEAD #21-448

POSITION SUMMARY

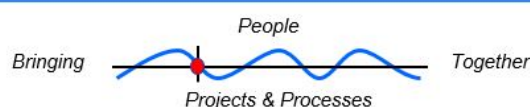
Our Controls Engineering team is dedicated to executing large scale projects for our customers with an organized and efficient approach. We are responsible for integrating tools and technologies from multiple suppliers into one turn-key solution for our customers. As a member of a project team, you'll work alongside our Applications, Mechanical, and Build teams to design, build, program, and deploy custom automated equipment and solutions for General Assembly tooling and processes.

- Use knowledge of electrical circuits, Controls Hardware design, electrical panel design, pneumatic design, hydraulic design, PLCs (Programmable Logic Controller), HMIs (Human Machine Interface), robot programming, VFDs (Variable Frequency Drive), servo applications, and device communication networks (DNET, ENET, and Profibus) to oversee the design and development of automation products
- Monitor and lead the development and design the controls software packages utilizing PLCs with Allen Bradley and RS Logix5000, and/or HMI's and conduct design tests.
- Analyze customer-supplied specifications to ensure functionality and equipment is designed specifications.
- Complete automation product testing and ensure commissioned equipment start-up meets customer requirements and specifications.
- Research electrical and pneumatic schematics to develop industrial controls system knowledge and familiarity of working within industrial environments.
- Utilize industrial safety practices to ensure proper functionality of products.
- Complete industry analysis to ensure that Corporate products and services continue to be the benchmark for the industry.
- Utilize engineering knowledge to effectively communicate with customers and suppliers.
- Assess client needs and implement engineering tasks and projects as a solution to the client's needs.
- Note: This list of responsibilities is by no means inclusive; however, it is intended to be a guideline for activities.

REQUIRMENTS

- 3+ years of experience designing software packages utilizing Programmable Logic Controllers (PLC), and/or Human/Machine Interfaces (HMI).
- 3+ years of experience with General Motors controls specifications and standards (GCCH, GCCS). GCCH and GCCS Certifications a plus
- Working knowledge of Fanuc robots programming and interface.
- Experience with Eplan and GM GCCH.
- Experience with basic pneumatic circuit design
- Experience with Allen-Bradley RSLogix 5000 software and GM GCCS
- Experience with machine vision applications (Cognex, Keyance, etc.), machine commissioning, and troubleshooting skills.
- Good organization and time-management skills
- Good communication skills
- Must list education (OR related experience if education is not required)
- Travel to customer sites & other JR locations up to 35% of time

♦ OVERALL PROGRAM / PROJECT MANAGEMENT
 ♦ MASTER PROGRAM / PROJECT SCHEDULING
 ♦ TECHNICAL SUPPORT / CONTINUOUS IMPROVEMENT
 ♦ ENGINEERING / FABRICATION / TESTING / LOGISTICS
 ♦ INSTALLATION / QUALITY / INITIAL ACCEPTANCE
 ♦ COMMISSIONING / LAUNCH / FINAL ACCEPTANCE



STAMPING / PRESSES / MILLS ♦
 BODY SHOP TOOLING / AUTOMATION ♦
 PAINT FINISHING SYSTEMS ♦
 GENERAL ASSEMBLY TOOLING ♦
 MATERIAL HANDLING / CONVEYORS ♦
 PLACEMENT SERVICES ♦