



An ATN Services Company

Professional Industrial Consultants

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Controls Lead #21-447C

SUMMARY

You will be 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.

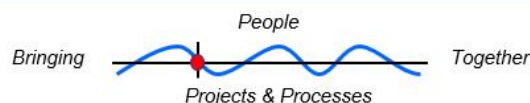
RESPONSIBILITIES

- 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 insure 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;

REQUIRED

- 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;

♦ 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 ♦