



An ATN Services Company

Professional Industrial Consultants

27600 Northwestern Highway ♦ Suite 260 ♦ Southfield, Michigan 48034
Office: 248.799.9601 ♦ Fax: 248.799.9607 ♦ Website: www.proindcon.com

Field Service Technician (Controls & Robotics)

#21-447D

SUMMARY

As a **Field Service – Controls & Robotics Engineer** you will test, repair and upgrade company systems at customer locations. Our Field Service team is dedicated to keeping our customers out in front of the rapid and unpredictable updates in technology.

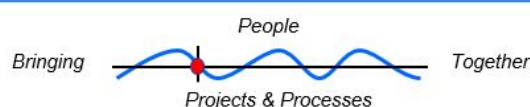
RESPONSIBILITIES

- Use knowledge of electrical circuits, pneumatic systems, hydraulic systems, PLCs (Programmable Logic Controller), HMIs (Human Machine Interface), robot programming to repair, upgrade, or correct existing automation systems
- Analyze customer-supplied information/ electrical drawings, PLC and or Robot program(s) to determine the root cause of system errors or downtime.
- Build, repair and test products to ensure equipment meets company requirements and specifications.
- Assist Project engineers with setup, startup, testing and debug of company products and automated systems.
- Perform preventative maintenance as requested by the customer to ensure minimum down-time and optimal operation of machines and equipment.
- Utilize industrial safety practices to ensure proper functionality of products.
- 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.

REQUIRED

- 3+ years of experience programming Programmable Logic Controllers (PLC), and Human/Machine Interfaces (HMI) using Allen Bradley or Siemens software.
- OR 2+ years programming any of the following types of robots: ABB, Fanuc, Kuka.
- Experience with machine vision applications (Cognex, Keyence, etc.), machine commissioning, and troubleshooting skills.
- Experience with Electronic Repair / PCB Design or Troubleshooting.
- Experience Soldering Discreet Component or Surface Mount.
- VFDs (Variable Frequency Drive), servo applications and Device communication networks (DNET, ENET, and Profibus).
- Experience with AutoCAD and/or Eplan.
- Experience with Micro Controller Programming, Tire Pressure Monitor (TPM) Systems, and Robot Interfacing.

♦ 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 ♦