



An ATN Services Company

Professional Industrial Consultants

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2020-2032 SR. CONTROLS PROJECT ENGINEER Arlington TX

JOB RESPONSIBILITIES:

- We are currently looking for an **experienced Controls Engineer with solid Automotive OEM experience** to support engineering of vehicle assembly and equipment installation **in Arlington, TX**. You will be part of the team Developing, managing and **maintaining Electrical Controls Systems (Hardware & Software)** for Automotive Assembly manufacturing facility. You will be supporting development, build, installation, start-up, launch and day to day operations of all types of Automation in a manufacturing environment.
- Controls Engineer must have solid knowledge and hands-on experience with **design and development of Controls Systems Infrastructure, equipment, and automation** for vehicle assembly including knowledge of conveyors / material handling systems and/or assembly tooling, and robotics.
- Control system design from written sequence of operation.
- Familiarity with design and development of electrical control panels, wiring diagrams, pneumatics, hydraulics.
- **Develop A-B PLC Software including HMI's and VFD's software.**
- **Tryout, debug and provide start-up support** for control systems, tools, and automation in manufacturing.
- Modify and update software logic and provide directions to equipment suppliers.
- Review and update hardware design when required, including system changes and updates.
- Ensure that corporate controls standards for hardware and software are being met.
- Oversee equipment suppliers during installation phases.
- Confirm and update project timelines and milestones, ensure that project schedule is on time.
- Use of AutoCAD to design and/or modify controls drawings.
- Knowledge of electrical standards and safety standards.
- Travel to various suppliers for tooling buy offs.

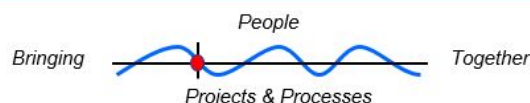
REQUIRED EDUCATION/TRAINING:

- High school graduate or equivalent training and fourteen years related work experience or
- Bachelor's Degree and seven years related work experience

REQUIRED SKILLS

Prior Manufacturing experience and comfortable working in high pressure environment
 Experience with Allen Bradley Logics Processors and PLC-5 required. Fanuc Robot Programming is a Plus
 Must be flexible to work rotating shifts as required (any of 3), work Overtime Saturdays and Sundays
 Ability to work the tradesmen to troubleshoot Assembly plant floor problems, Identify, troubleshoot, and implement solutions

- ♦ 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