

Position: **Project Engineer (Control Panel Designer)**

Reports To: **Engineering Manager**

Direct Reports: **None**

Location: **Fort Mill, SC (Charlotte, NC area)**

Employment Type: **Full Time**

Lord & Company, an Industrial Automation Division of E.W. Process, is a successful Systems Integrator with an excellent reputation since 1982. Lord & Company provides control, monitoring, and information systems for municipalities and industrial accounts.

E.W. Process/Lord & Company is an employee-owned company headquartered in Fort Mill, South Carolina. Additional company information can be found at www.EWProcess.com and www.lordandcompany.com.

Job Summary

Design Industrial Control Panels. Electrical and mechanical engineering design of instrumentation and control systems. This position uses AutoCAD to prepare and develop designs that include network topologies, instrument loop drawings, mechanical and electrical control panels. Design from project plans and specifications to meet UL and NEC codes.

Responsibilities

- Collaborate and work in a Team Environment to provide control panel designs
- Maintain expert level of product knowledge and applications.
- Create electrical and mechanical designs to meet specifications and within budget
- Design relay and PLC based control panels
- Hardware design and selection
- Create project bill of materials
- Generate PLC wiring diagrams to include digital and analog circuits.
- Prepare submittal design documents to meet specifications.
- Prepare operating & maintenance manuals
- Proper sizing of circuit protection in AC and DC circuits
- Proper sizing of wire using UL-508A Standards

Qualifications

Required:

- Proficient in AutoCAD Electrical Design
- Associate degree in Engineering/Technical Field from a two-year college or technical school
- Strong electrical/mechanical aptitude
- Ability to manage and prioritize variable workload
- Proficient in Microsoft Office & Acrobat Adobe
- Strong communication, interpersonal and organizational skills

Preferred:

- BA/BS in Engineering/Electrical, and/or equivalent related experience in a similar industry role
- 2 years' experience designing industrial control panels
- Familiar with UL-508A and UL-698A Standards and how to apply them in design circuits
- PLC Programming Experience
- Familiar with P&ID Drawings
- Familiar with ISA standards and symbols

Position Offers

- Competitive salary
- Commission Sharing
- **Free** employee Medical insurance
- **Free** employee Dental insurance
- Vision insurance
- **Free** employee Life insurance
- 401(k) Plan with company matching
- PTO (Paid time off)
- VTO (Paid time off for volunteer work)
- Employee Stock Ownership Plan (ESOP)

Certain benefits are subject to eligibility period.

Email your resume to Dana Ogle at: dogle@ewprocess.com