

Project Design Engineer/Electrical Engineer

Summary:

Design and engineer a variety of electrical products (lighting cabinets, panelboards, switchboards, switchgear, control panels, etc.) and control systems that integrate new and existing hardware/software for complete and functional operation. Maintain, troubleshoot and repair customer's equipment as required.

This is a full time salaried position. Typical working hours will be Monday – Friday with hours ranging from 7:00a.m. to 5:00p.m.

Specific Duties Include:

- Reviews project specifications, plans, and requirements to assist sales in the preparation of quotations conveying price, delivery and technical information to customers.
- Ensure that processes, construction, installation, PLC/HMI programming, and operational requirements meet specifications, codes, and end-user expectations.
- Program, troubleshoot, and configure generator control systems utilizing PLC/HMI control platform.
- Value engineer projects to maximize company profit.
- Manage project after point of sale to completion.
- Travel (occasionally overnight and off-hours) as required to support installation, start up, and maintenance of equipment (approximately 15-20% of the time).
- Develops and maintains effective working relationships with manufacturers and vendor representatives.
- Resolves customer disputes and inquiries promptly to ensure equitable resolutions to maximize customer satisfaction.
- Projects a positive, professional image of the company in all communications with customers, vendors and suppliers.
- Stays current with product updates and code changes.
- Performing product testing and test results reporting.
- Develops and delivers training on client applications.

Skills and Qualifications:

- Electrical Engineer or Controls Systems expert with 5+ years' experience
- Understanding of PLC/HMI/SCADA systems.
- Experience with CAD software is preferred.
- Understanding of 3-phase power systems is preferred.
- Understanding of low voltage and/or medium voltage electrical equipment is preferred.
- Interaction with customers in a field service role.
- Experience in manufacturing and control panel design and wiring.
- Ability to work in a team environment to accomplish daily tasks.
- Superior problem solving, project management and analytical skills.
- Working knowledge of Microsoft Office products, including Outlook, Excel, Word, PowerPoint.

- Demonstrated ability to work independently making sound design/engineering decisions for weeks as a time.

Physical Requirements/Working Environment:

- This position requires the ability to sit, and bend or stand for extended periods of time.
- Ability to safely and effectively operate testing equipment.
- Performance of duties will mostly be in the office. Travel as required (approximately 15-20% of the time).

Application Instructions:

- Email your resume to resumes@statesmfg.com or call our main office at 763-588-0536 to talk with a representative today and schedule your interview. States Manufacturing is an equal opportunity employer.