

<b>Job Title</b>	<b>Project Design/Mechanical Engineer</b>	<b>Job Category:</b>	<b>Engineer</b>
<b>Department</b>	<b>Switchgear</b>	<b>Position Type</b>	<b>Full-Time</b>

**Job Description**

**Summary:**

Design and engineer a variety of electrical products (lighting cabinets, panelboards, switchboards, switchgear, control panels, etc.) that integrate new and existing hardware/software for complete and functional operation. Field measure and repair customer’s equipment as required. Keeping a working knowledge of States MFG. fabrication methods, machinery, and programming software to improve products and processes. 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, and operational requirements meet specifications, codes, and end-user expectations.
- Design equipment from the ground up utilizing 3D modeling software to meet customer’s requirements while adhering to latest codes and standards.
- Maintain working knowledge of States MFG. laser, turret, press brakes, etc. and associated machine programming software to aide in product improvement.
- Travel (occasionally overnight and off-hours) as required to support field measurements and maintenance of equipment (approximately 5% of the time).
- Develop and maintain effective working relationships with shop employees to promote feedback to drive product improvement.
- Projects a positive, professional image of the company in all communications with customers, vendors and suppliers.
- Stays current with product updates and code changes.
- Make recommendations to management on manufacturing processes to promote lean manufacturing.
- Other duties as assigned by Management.

**Skills and Qualifications:**

- Mechanical Engineer with 3+ years’ experience or Electrical System Design expert with 5+ years’ experience.
- Experience with CAD (SolidWorks, AutoCAD) software is required.
- Understanding of 3-phase power systems is preferred.
- Understanding of low voltage and/or medium voltage electrical equipment is preferred.
- Experience in sheet metal manufacturing and electrical equipment design.
- 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 at a time.

**Physical Requirements/Working Environment:**

- This position requires the ability to sit, and bend or stand for extended periods of time.
- Performance of duties will mostly be in the office. Travel as required (approximately 5% of the time).
- Initial 3-6 months of this position will require working in a shop setting fabricating and assembling equipment. During this time, you must be able to sit, kneel, reach, stoop, crouch or crawl. Also will require the ability to move and/or lift objects up to 50 pounds.

**Application Instructions:**

Email your resume to [resumes@statesmfg.com](mailto:resumes@statesmfg.com) or call our main office at 763-588-0536 to talk with a representative. States Manufacturing is an equal opportunity employer.