



JOB DESCRIPTION

Job Title: Industrial/Mechanical Designer
Job Classification: Salary
Department: Engineering
Work Location: Vista, CA

Date Approved: 2-1-19
FLSA Status: Exempt
Reports To: Eng. Mgr.
Work Hours: First Shift

FLUX POWER, INC.

Flux Power develops advanced lithium-ion batteries for industrial uses. We are on the forefront of lithium-ion technology in the industrial space and are helping create a paradigm shift in the industry. We have an incredible team who are passionate about lithium-ion battery technology and what it can do to help reduce costs, improve productivity, and reduce environmental impacts.

Flux Power lithium-ion solutions utilize our proprietary scalable battery management system (BMS) and in-house engineering and product design teams. Our batteries deliver improved performance, extended cycle life, and lower total cost of ownership compared to legacy lead-acid solutions. We also reduce energy usage and eliminate use of toxic metals and acids. Flux sells primarily to forklift equipment OEM's, their dealers and battery distributors. We have also expanded into airport ground support equipment and are always looking into new opportunities.

Please visit our website at www.fluxpower.com for more information. For consideration, submit your resume and include a short cover letter explaining your suitability for the position and your salary expectations to dkerkhof@fluxpower.com.

JOB SCOPE AND RESPONSIBILITIES:

Flux Power is growing exponentially and is looking an Industrial/Mechanical Designer to provide innovative design solutions.

The successful candidate will be a self-starter who excels in solving challenging technical problems with strong interpersonal and teamwork skills.

KEY FUNCTIONS AND DUTIES

- Identify and analyze challenges on new and existing designs and provide innovative design solutions focusing on function, style, usability, user experience, and production cost
- Contributes to designs to facilitate manufacturing operation or quality of product; anticipate production issues, develop alternatives, evaluate options, and implement solutions.
- Using Solidworks, develop 3D models, assemblies and drawings.
- Produce dimensioned and toleranced drawings for fabrication processes, including machine shop, sheet metal, castings/moldings and wire harness fabrication
- Revision and release of controlled drawings through formal ECO process
- Work with CAD system management (PDM) including file maintenance, backup and storage
- Examine materials and production costs to determine manufacturing requirements
- Design and comply with environmental and regulatory standards
- Other responsibilities as assigned.

Physical Conditions/Requirements:

- Job frequently requires sitting, walking, standing and handling objects in an office environment.

- Occasional exposure to manufacturing environment subject to weather conditions and temperature.
- Job requires occasional kneeling, stooping, forward bending, reaching, lifting and carrying up to 50 lbs.
- Vision requirements: Ability to see information in print and or electronically.
- Hearing requirement: Ability to tolerate loud noises from various manufacturing machines.

Qualifications and Skills

- BA degree in Industrial Design with a proclivity for mechanical engineering
- 7+ years of relevant experience
- Have an artistic ability. Must be able to sketch their design ideas, to be able to express their design through illustration.
- Proficiency with Solidworks, particularly with sheet metal design
- Proficiency with Microsoft Office Products.
- Proven ability to work hands-on in a fast-paced environment.
- Ability to execute tasks to maintain project timelines, and successfully execute projects in an R&D environment.
- A self-starter who excels in an environment where challenging technical problems are often encountered.
- Strong interpersonal and teamwork skills.
- Demonstrated written and verbal communication skills.

Benefits

- Medical, dental and vision insurance options
- 401K Plan
- Life Insurance
- Paid Time Off
- Holidays