



Job Description

Mechanical Engineer

HindlePower is seeking a Mechanical Engineer to join our engineering team.

Your primary responsibility will be leading our mechanical engineering efforts across all our products.

What we do...

HindlePower has been designing and manufacturing industrial (non-commercial) battery chargers and dc power systems for the utility industry for over 35 years. Our staff and products serve the power generation and distribution market, switchgear OEMs, power substations, the oil & gas industry, and various transportation maintenance facilities.

We are the leaders in our industry and have customers in all 50 states plus additional countries worldwide.

A few things about us...

Our commitment to quality is evident in our highly skilled colleagues and our exceptional approach to customer service that sets us apart. We believe in rewarding hard work and offering competitive compensation, comprehensive health, vision, and dental benefits, along with a 401k plan that includes employer matching and a gain-sharing program.

At our core, we are driven by integrity and quality, constantly seeking innovative solutions and improvements. Our unique culture thrives on accountability and self-initiative, empowering every employee to make impactful contributions. In our organizational structure, your voice is heard, and your efforts are recognized. We celebrate our achievements together, whether it's over a complimentary lunch in our cafeteria or through our various team-building activities. We are a three-time Top Workplace in the Lehigh Valley. An accomplishment we are proud of and are continually striving to do better.

Most importantly, our purpose is to enhance the lives of those who work with us. We don't just provide jobs; we create meaningful careers and lifelong learning opportunities. This is more than a workplace; it's a place where you grow, contribute, and be a part of something truly special.

We value our employees and trust they hold these key characteristics:

- **Initiative...** we see it, we do it
- **Ownership...** I've got it, you don't need to think about it
- **Integrity...** decisions are based on looking at the whole picture
- **Attitude...** anything can be done
- **Virtue...** honesty, good deeds, kindness, and appreciation
- **Teamwork...** we before I

Position Responsibilities:

- Design improvements and upgrades to our battery cabinet line
- Work with external consultants to certify our equipment toward seismic standards
- Conduct FEA analysis of component assemblies
- Manage and help streamline work through our drafting team
- Thermal dissipation designs of power electronics through component location and heatsinking.
- Environmental heating and cooling design of battery cabinets
- Develop and design custom tooling for manufacturing
- Design component assemblies for automation
- Issue assembly drawings for manufacturing
- Ensure our cabinet designs comply with ASME and ANSI standards

Desired Requirement/Experience:

- BS/MS in an Engineering discipline preferred
- 5+ years of Mechanical Engineering experience
- Experience working in a manufacturing company
- Fluent use of SolidWorks or similar
- Experience designing sheet metal enclosures
- Thermal analysis of electrical/mechanical assemblies
- Heat dissipation design experience

Preferred Additional Requirements:

- Experience or knowledge of thermodynamic insulation systems is a plus
- An understanding of power electronic systems
- Experience reading electrical schematics
- Knowledge of machine shop fabrication

HindlePower is an Equal Opportunity Employer (U.S.) All qualified applicants will receive consideration for employment without regard to race, color, religion, national origin, age, citizenship, gender, marital status, pregnancy, sexual orientation, gender identity and expression, disability, or veteran status.

To apply - Please send your resume to employment@hindlepowerinc.com