

**Please apply to [employment@HindlePowerinc.com](mailto:employment@HindlePowerinc.com)**

### Job Description

HindlePower is seeking a Mechanical / Manufacturing Engineer to join our engineering team. The ideal candidate will have experience designing products and/or tooling with a heavy focus on DFM. The success of this position will be based on converting conceptual ideas into products, and/or productivity improvement processes.

Your primary responsibility will be leading our mechanical engineering efforts across our entire product line.

Had you been with us last month, you may have...

- Designed equipment to manufacture foam injected panels
- Consolidated the heat sink configurations across our ATevo Battery Charger line
- Designed custom racking to improve sheet metal packaging from our suppliers
- Analyzed the thermal performance of our outdoor cabinets and implemented design improvements
- Implemented cabinet improvements on our ATevo Battery Charger line
- Participated in fixture design for our Robotic work cells.
- Designed automatic winding blocks for our magnetics department

### **Desired Requirements/Experience:**

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

### **Preferred Additional Requirements:**

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

**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.

Our products range in power levels from one to 150 kW and feature both single-phase and three phase inputs. Our main product line (AT10.1 / AT30) currently utilizes Silicon-Controlled

Rectifier (SCR) conversion techniques at 50/60 Hz, with microprocessors performing all control, instrumentation, and diagnostic functions.

In 2016, we added a new line of outdoor cabinet solutions to integrate with our core battery charger business. This new endeavor, at first a ripple in our revenue, has taken on its own personality and we aim to cultivate its growth.

### **A few things about us...**

We were founded in 2000 from Hitran Corporation, and have experienced double-digit growth every year since. We don't focus on growth but rather the components and company attributes that please our employees. We are a Top Workplace in the Lehigh Valley for 2018. We find when you take care of your employees, they'll take care of your customers, and everyone wins. We're a company focused on moving ahead, making constant small changes that enable us to innovate the way we do business. We're the market leaders in our industry and have worked hard to get here.

Our appealing work environment includes highly competent co-workers, competitive pay, engaging work, flexible dress code, full health, vision, and dental benefits, 401k with employer match, and a gain-sharing program. In our cafeteria, we serve free lunch every day to each employee. We work hard, have fun, and constantly strive always to get better. Innovation in our company comes from everywhere. We are a flat organization with little to no management; we trust our employees to understand how to do their jobs best and best contribute to the organization. There are a lot of things you'll learn about our culture, but the most important for any newcomer is that we have a culture of accountability and self-initiative.

We have unusually high expectations for our employees. Here are some characteristics that we value in each other...

- Initiative...you see it; you do it
- Ownership...I've got it, you don't need to think about it
- Integrity...decisions based on our values as human beings
- Attitude...anything can be done
- Virtue...honesty, good deeds, giving, kindness, and appreciation
- Teamwork...we before I

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.

