



JOB POSTING

Position: Mechanical Engineer

About the Company

Trulite is a clean tech power products company (20 watts to 2kW) engaged in the development and production of alternative energy sources, such as solar, hydrogen and fuel cells. Our portable generator, the KH4 is a 250 watt system that utilizes Trulite's proprietary hydrogen storage technology, called the HydroCell®. The HydroCell fuel cartridge, generates hydrogen on demand for powering our fuel cells that make electricity.

Job Description

Under supervision the mechanical engineer will participate in the design, development, and maintenance of world class products including fuel cell power systems, hydrogen generation systems and other alternative energy devices. The engineer will help in developing and maintaining product designs, documentation and specifications. Working within a team oriented environment the engineer would also be expected to be a significant contributor in the following

- Identify and evaluate major system cost drivers and cost impact of system designs;
- Create and update models and schematics, including use of computer 3D models (SolidWorks) and drawings;
- Perform thermal flow and stress analysis
- Develop process and test criteria for prototypes and products;
- Prepare design documentation including schematics, BOMs, and test procedures;
- Perform hands on tasks with prototyping and pre-production products.
- Participate in design engineering and product team reviews;
- Assess product performance, issues and testing for re-design and improvements.

Requirements

- BS or MS in accredited mechanical engineering program.
- 2+ years experience in related field.
- Strong mechanical design skills with 3D modeling experience. SolidWorks experience preferred.
- Manual/CNC Machining experience preferred

- Working in a team environment.
- Excellent written/oral communication skills.
- Familiar with formal process improvement techniques is a plus; such as SixSigma; Lean Manufacturing and Experiment Design.
- Must have the ability to effectively function as a team member with other engineers, support services and hourly workers as required.
- Knowledge and experience in EMC/EMI and safety standards (UL, TUV, IEC) is a plus.
- Computer skills including fluency with CAD, simulation, and desktop applications.

Benefits

- Standard benefits package available

APPLY by emailing cover letter and resume in .doc or .pdf format to
job1@trulitotech.com