

Title: Fuel Cell Stack Design Engineer
Location: Windsor, CT
Company: Infinity Fuel Cell and Hydrogen, Inc.

Description:

Infinity has an immediate opportunity for a Fuel Cell Stack Design Engineer to join product development efforts.

This Engineer will be working in a team environment creating fuel cell hardware designs including test articles and prototypes for space vehicle applications. This position requires skills and competencies necessary to develop innovative and complex component, cell and stack assemblies and to produce layout and design drawings employing theoretical and practical design knowledge using Pro/ENGINEER. Overall the preferred candidate must be able to work from concept to design drawings suitable for procurement of parts and subassemblies within a minimal time line and minimal supervision.

The successful candidate will have the following responsibilities:

- Working directly with team designers and engineers to create designs, drawings and 3D parametric models
- Interfacing with project engineers and managers
- Understanding engineering concepts and translating them to engineering design drawings, and operational hardware
- Participating and contribute in design reviews
- Working with outside vendors, machine shops and suppliers who provide custom components to Infinity
- Reviewing supplier data and supplier/manufacturer drawings, as required.
- Supporting hardware development and testing in a laboratory setting as needed
- Supervising and mentoring junior designers and drafters as they are hired.

Competencies/Qualifications Requirements:

- 3-5 years of demonstrated ability to design fuel cell hardware and equipment using three dimensional (3D) modeling software packages
 - Pro/ENGINEER Wildfire and Pro/INTRALINK experience with certification of completion
 - Hands on mechanical / lab skills
 - Knowledgeable of assembly and fabrication processes
 - Experience with machine and fabrication shop practices
 - Knowledge of Geometrical Dimensioning and Tolerance (GD&T) and ability to analyze basic tolerance stack-ups is an asset
 - Ability to work with minimal supervision and capable of self checking for completeness and accuracy of work produced
 - Able to work in a team environment as well as independently with minimal supervision
 - Self starter with good decision making skills and the ability to take initiative and solve practical problems
 - Excellent oral and written communication and documentation skills are essential
- B.S., or associate degree, or diploma in mechanical engineering program or related field