



Nuvera Fuel Cells (www.nuvera.com) is a global leader in fuel cell and fuel processing technologies, committed to developing clean, safe, and efficient hydrogen-based energy products. With offices located in the USA and Italy, Nuvera is focused on the commercialization of high performance electrochemical power modules for industrial and transportation applications, and economically compelling hydrogen infrastructure solutions.

We are seeking a **Senior Fuel Cell Development Engineer** to join our team. A well-rounded engineer or scientist is sought to join Nuvera's Electrochemical Technology Group, focused on the design and development of advanced, high power density fuel cell stacks for automotive and industrial applications, in accord with requirements of high performance, long life, and low cost.

Essential Job Responsibilities

- development teams to create material and component specifications Work with
- performance and durability test fixtures and protocols Design
- manage component and fuel cell test campaigns Implement and
- and customize diagnostic and analytical methods Implement, refine,
- analyze data, document and present findings Collect and
- monitor collaborative or supplier development initiatives Lead and/or
- and manage corresponding development projects Create roadmaps
- cell design and system/product development initiatives Contribute to fuel

Qualifications: (required unless otherwise noted)

Educational Background

MS/PhD (Materials Science/Engineering, Electrochemical or Chemical Engineering, Chemistry)

Previous Work Experience

5 years of development experience combining experimentation and theory/analysis

Required Skills and Abilities

- Experience with PEM fuel cell design and operating principles
- Theoretical understanding of electrochemical systems and corrosion
- Facility with electrochemical materials sample preparation, characterization methods, and measurement devices
- Experience in test planning, laboratory experimentation, and data analysis

- Experience with electrochemical diagnostic methods, including polarization measurement, voltammetry, electronic impedance spectroscopy
- Project management and leadership experience
- Superior communication and teamwork skills
- Fluency in English language

Desirable Skills and Abilities

- Experience with analytical chemistry , microscopy, or mechanical characterization
- Ability to create and utilize mathematical models

Physical Requirements/Work Environment

Laboratory and office work environments. This position has an emphasis on experimental work and significant time in a laboratory/pilot plant setting is required.

Ability to lift components weighing up to 16 kg/35 lbs. is required.

Travel Required

Up to 5% regional travel is required, with occasional opportunity for travel outside the U.S.

Nuvera Fuel Cells, Inc. is an Equal Opportunity/Affirmative Action Employer.