

Position: Technician – Post Test Analysis

Location: Danbury, CT

We are searching for an energetic technician to support materials development and post-test analysis activities in our Technology group.

Responsibilities:

Under supervision, the Technician will:

- Perform fuel cell stack component collection and preparation for analytical laboratory testing
- Perform metallographic sample preparation (cutting, mounting, polishing) and basic microscopy
- Assist in analytical lab processes including both wet chemistry and physical property testing
- Assist in developing methods and procedures for cell component post test analysis
- Perform routine SOFC material production activities on a research scale, including milling, tape casting, screen printing, spray coating and sintering. Refine processing parameters and methods based on observations.
- Perform small scale (button and 5x5 cm) cell testing.
- Accurately document ongoing tests and experimental data as directed
- Perform routine maintenance on laboratory equipment according to schedule
- Interact and communicate effectively with internal and external customers

Qualifications:

Education:

Associates Degree in Science/Engineering Discipline, trade school degree, or high school diploma with equivalent technical experience preferred.

Required Experience:

Minimum 2 years of experience working in a chemical lab. This should include, but not limited to:

- Analytical lab skills including wet chemistry and physical characterization techniques
- Working with cross-section, sample preparation
- Good understanding of basic wet chemistry

Working as a hands-on, team player, displays the ability to learn new analytical techniques
Possesses working knowledge of Microsoft Outlook, Word and Excel.

Desired Experience:

- Analytical lab skills including wet chemistry and physical characterization techniques
- ICP, BET, Hg Porosimetry experience a plus
- Experience in ceramic processing methods such as powder milling, tape casting and/or screen printing
- Universal tensile/compression testing
- An understanding of mechanical concepts and equipment

Working Environment/Physical Requirements:

This position requires working indoors at various chemical/laboratory work stations in addition to desk work using a computer, and requires the ability to:

- perform data entry, data gathering and report generation on a computer
- work in an upright position at a chemical work station/with chemical processing equipment
- move independently from one laboratory area to another on concrete flooring for up to 8 hours per day with defined break periods
- repeatedly lift used fuel cell components weighing 30lbs and occasionally more (with assistance)
- perform repetitive motion tasks with full range of motion with both hands/arms, including circular, up and down, back and forth, side to side and above shoulder height
- perform fine hand motor skills to work with and handle chemical samples and measure powders
- work in laboratory environment around chemicals, wearing approved personal protective equipment
- qualify for and wear an approved respirator throughout the course of employment and as required to meet safety protocol

How to Apply:

Submit a copy of your resume, along with the voluntary self-identification forms, to **jobs@fce.com**. Please reference the Position (Job Title) in the subject header of your email.

Please note only those authorized to work in the United States will be considered.

No agency submissions, please. Resumes submitted to any FuelCell Energy employee without a current, signed and valid contract in place with the FuelCell Energy Recruiting team for this position will become the property of FuelCell Energy and no agency fees will be paid.

Equal Opportunity Employer - Vet/Disability

We offer a competitive compensation package as well as comprehensive benefits including medical, dental, vision, company-paid life/disability insurance, 401(k) plan, employee stock purchase plan and generous paid leave.

Employment with FCE is subject to pre-employment drug-screen and background investigation.

FuelCell Energy, Inc. is committed to ensuring that its application process provides an equal employment opportunity to all U.S. job seekers, including individuals with disabilities. If you believe you need a reasonable accommodation in order to search for a job opening or to submit an application, please send an email with your resume to **jobs@fce.com** indicating the specifics of the assistance needed.

You may also use **203-205-2070**, a phone line designed **exclusively** to assist disabled job seekers whose disability prevents them from being able to apply online. Only messages left for this purpose will be acknowledged. A response to your request may take up to two business days.