

**Position:** Associate Manufacturing Engineer

**Location:** Torrington, CT

**About Our Company:**

**FuelCell Energy, Inc.** (NASDAQ: FCEL) is a global leader in developing environmentally responsible distributed baseload power solutions through our proprietary fuel cell technology. We develop turn-key distributed power generation solutions and operate and provide comprehensive services for the life of the power plant. We are working to expand the proprietary technologies that we have developed over the past five decades into new products, markets and geographies. Our mission and purpose remains to utilize our proprietary, state-of-the-art fuel cell power plants to reduce the global environmental footprint of baseload power generation by providing environmentally responsible solutions for reliable electrical power, hot water, steam, chilling, hydrogen, microgrid applications, and carbon capture and, in so doing, drive demand for our products and services, thus realizing positive stockholder returns. Our fuel cell solution is a clean, efficient alternative to traditional combustion-based power generation and is complementary to an energy mix consisting of intermittent sources of energy, such as solar and wind turbines. Our systems answer the needs of diverse customers across several markets, including utility companies, municipalities, universities, hospitals, government entities and a variety of industrial and commercial enterprises. We provide solutions for various applications, including utility-scale distributed generation, on-site power generation and combined heat and power, with the differentiating ability to do so utilizing multiple sources of fuel including natural gas, Renewable Biogas (i.e., landfill gas, anaerobic digester gas), propane and various blends of such fuels. Our multi-fuel source capability is significantly enhanced by our proprietary gas-clean-up skid.

**Overview:**

We are currently seeking a highly motivated and versatile Associate Manufacturing Engineer to join our production engineering team.

**Responsibilities:**

In this role, the Associate Manufacturing Engineer will work directly with other Engineers and manufacturing shop floor personnel in developing new or improved fuel cell component manufacturing processes and equipment. This role will be responsible for gathering and analyzing data, conducting manufacturing trials, and Lean Manufacturing productivity improvements. The Associate Manufacturing Engineer will partner with other members of the area Value Stream Teams (including quality, product development, and EHS); and will support our lead capital equipment projects and develop process requirements to continuously reduce cost, improve quality, production capacity, and process yields.

- Support process development of Ceramic and Metallic Tape Cast products in a manufacturing environment with improved slurry particle size reduction and mixing, tape casting, lamination, other water and solvent mixing, and assembly of fuel cell components with manual and machine assisted assembly and inspection processes improved defect reduction and assembly precision.
- Support new or improved component introduction, and will be responsible for participating on cross functional teams which solve problems and drive continuous improvement.
- Coordinate and lead development trials on the production floor while providing guidance to process operators during trials.
- Review and approve Work Instructions and Operational Control Plans.
- Develop and implement manufacturing documentation for product design, manufacturability assessments, validation, and operator training
- Implement and adhere to ISO-9001
- Support new equipment projects from specification development through procurement, installation, and implementation.
- Support safety assessments for oven and assembly processing to meet NFPA codes and OSHA regulations.

- Perform other duties and tasks.

**Qualifications:**

**Education:** AS Engineering degree in Manufacturing, Mechanical, Chemical, or other relevant discipline.

BS in Engineering in the above fields is a plus

**Experience:** 0 - 3 years of chemical mixing, powder particle size reduction, Tape Casting, lamination, and assembly processes experience. 8 years minimum experience in chemical mixing, powder particle size reduction, Tape Casting, lamination, and assembly processes with High School diploma or GED will be considered in lieu of an AS degree.

**Candidate Must Have:**

- Must have the ability and desire to work in a dynamic, cross-functional production environment.
- Must be able to understand Mechanical Drawings, testing plans, and Instrumentation documentation.
- Proficient in MS Office Suite (Word, Excel, PowerPoint, Outlook). MS Access is a plus.
- Experience in project tracking and execution with diverse knowledge of engineering materials and production processes preferably in a manufacturing environment that includes chemical processes, thermal processes, and mechanical assembly strongly preferred
- Experience with oven process manufacturing with powder handling and/or large (~2'x4') mechanical part assembly and inspection strongly preferred.
- Experience with product risk assessments and change management strongly preferred.
- Experience with database use and knowledge of statistics to process, interpret, summarize data, and a 6 Sigma Green Belt strongly preferred.
- Experience in Work Instruction development and writing preferred.
- Experience with capital equipment procurement and implementation preferred.
- Working knowledge of Lean Manufacturing concepts and ISO9001/Quality Systems a plus.

**Environment:**

- Able to move effectively and timely in and around 160,000+ square foot cement floored manufacturing facility
- Lifting, pushing, pulling and placement of manufacturing parts which may have a weight of at least 25 lbs
- Ability to work with, and around, chemicals, including but not limited to nickel based compounds, adhesives and solvents
- Ability to work around furnace area with smoke, dust and heat
- Be able and willing to wear required personal protective equipment as designated such as safety glasses, safety shoes, and other PPE as required
- Must be able to operate a computer keyboard and other office equipment
- Ability to travel to Danbury location as required
- Able to travel up to 10% domestic

**How to Apply - External Applicants**

Please submit a copy of your resume, **along with the voluntary self-identification forms listed on our career site, to [jobs@fce.com](mailto:jobs@fce.com)**. Please reference the Position (Job Title and Job ID) in the subject header of your email.

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

**How to Apply - Current Employees Only:**

Please reference the Position (Job Title and Job ID) in the subject header of your email. Also, please email/contact your HR representative that you have applied.

**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](mailto:jobs@fce.com) or contact us by calling **203-205-2070**. Please indicate the specifics of the assistance needed.*

**NOTE:** *This dedicated phone line is designed **exclusively** to assist disabled job seekers whose disability prevents them from emailing. Only messages left for this purpose will be acknowledged. A response to your request may take up to two business days.*

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.