



Position: Industrial Engineer

UltraCell is a global leader in research, development, and production of fuel cell systems for portable power applications. UltraCell was founded in 2002 to commercialize advanced micro fuel cell technology invented by Lawrence Livermore National Laboratory. In 2011, UltraCell became a wholly owned subsidiary of Bren-Tronics, Inc. UltraCell fuel cell systems are compact and light weight. They have undergone extensive Military Specification qualification testing and field trials.

Address: 5637 La Ribera Street, Suite A, Livermore, California 94550

UltraCell has an immediate opening for an industrial engineer. The industrial engineer will be responsible for developing and improving manufacturing processes of UltraCell's reformed methanol fuel cell systems. The industrial engineer will analyze operations, design workflows and manufacturing processes, reduce waste and inefficiency, maximize productivity, and ensure that final products meet the established quality standards.

Key Duties

- Designs manufacturing processes and creates associated documentation
- Designs or specifies manufacturing and testing equipment
- Maintains and calibrate instrument
- Inspects materials and components
- Develops manufacturing procedures and control plans
- Schedules production activities and organizes daily production meetings
- Trains technicians and assemblers for new processes and provides instructions and manuals
- Plan layout of equipment and workspace for maximize efficiency and ensures a safe working environment
- Collects and analyzes reliability data of fuel cell components and systems
- Works with development team to ensure design for manufacturability

Requirements

- US Citizenship
- Bachelor's degree in industrial engineering or related fields
- 5 – 10 years of relevant work experience
- Proficiency in Microsoft Office, Project, Visio or equivalent software
- Strong knowledge of CNC machining, molding, soldering, welding, brazing, and 3D printing
- Strong working knowledge of CAD/CAM software
- Experience with power generation/storage products
- Strong communication and presentation skills
- Troubleshooting skills and attention to detail