

Position: Battery Test Technician

Company: STAQ ENERGY (www.staqenergy.com)

Location: Louisville, CO

About Us:

STAQ ENERGY is developing distributed energy storage solutions to accelerate the adoption of renewable energy. Using our proprietary battery technology, STAQ ENERGY is developing a new generation of products and services for global stationary energy storage markets. We are backed by a leading venture capital firm, which invests in businesses that have potential to transform industries, where the need for disruption is great due to daunting macro socio-economic challenges we are facing in the world today. If you have a professional background outlined below, are passionate about working in a fast-paced environment, and want to make a difference, we'd like to hear from you.

Position Summary:

STAQ ENERGY is seeking a highly capable, hands-on, battery Test Technician to support fabrication and testing of advanced proprietary rechargeable alkaline batteries for renewable energy storage applications. The core competencies required for this position are instrumentation and controls (voltage, current, temperature, pressure, force, etc.), electrical circuits, wet chemical laboratory practices, data organization and analysis, and experience with SOPs and document control.

Testing is a critical component of battery development and the Test Technician will work with a small multidisciplinary team in the planning, execution, analysis, as well as communication of results to the development team. The scope of this position will include cell fabrication and preparation for test to assist the development team in achieving a wide range of test objectives. The Test Technician will also be expected to contribute to process development and improvement of electrode and cell fabrication.

We seek a candidate who will be enthusiastic to join a vibrant, cutting-edge, start-up company in the Boulder area in Colorado.

Primary Responsibilities:

The Test Technician will coordinate with the Test Engineer to perform the following tasks:

- Connect cells and maintain and organize tests using battery test equipment (Arbin, Maccor, Biologic, and custom LabView controlled stations)
- Track and maintain records of test progress and communicate status to the development team
- Prepare cells for in-situ and post-test analysis and coordinate with the development team for sample analysis
- Assist in the fabrication and implementation of fixtures and test chambers to expand test capabilities
- Assemble rechargeable alkaline battery cells and modules under development for renewable energy applications according to internally standardized protocols
- Assist the electrode production team to fabricate electrodes

- Assist in process control and process improvement for fabrication of electrodes, cells, and modules

Requirements

- Recent BS graduate in Engineering or Physical Science, or 5 years of experience with technical/associates degree including electrical testing of batteries, capacitors, or fuel cells
- Detail oriented and disciplined at keeping test and equipment maintenance logs
- Comfortable with typical laboratory and test equipment: oscilloscopes, multimeter, soldering iron etc.
- Hands-on experience and strong capability with computer-controlled battery test equipment, comfortable with some programming language and any Linux experience nice to have.
- Fundamental understanding of electrical circuits and test instrumentation (voltage, current, pressure, temperature, etc.)
- Ability to quickly learn SOPs and improve existing processes and procedures to help improve the product and accelerate development
- Knowledge of and commitment to excellent laboratory safety practices
- Desire to learn and grow with a small company in a fast-paced environment

Please apply through our website: <http://www.staqenergy.com/careers.html>