

Job Title: Battery Lab Technician  
Reports to: Research Scientist  
FLSA: Exempt, Full Time  
Location: Ann Arbor, Michigan

The Coretec Group, Inc. is an innovator of silicon-based advanced materials and is using its technologies in developing a next-generation battery, Endurion. The Coretec Group's Endurion battery program is developing silicon anodes for lithium-ion batteries to increase batteries' energy density, enable longer-running times, and improve cycle life.

## **Job Description**

The Lab Technician will work under the direction of the Research Scientist with the primary role of assembling and testing small lithium-ion batteries, in a developmental stage. This individual will be required to operate software used to program and run the battery testing instrument, as well as to process and report test data in a standardized format.

Results and data analysis will be summarized in written reports and maintained in laboratory notebooks and intranet locations.

- Preparing developmental battery components for analysis.
- Assembling and testing of coin and pouch cells.
- Processing, recording and tracking test data using certain software tools.
- Conduct electrochemical cell teardown and failure mode analysis.
- Manage inventory of R&D chemicals and monitor safety practices in the lab.
- Performing other functions as required to support the R&D operation.

Successful candidates will be both quality and detail oriented, a team player, and flexible. They will possess good interpersonal skills, be proficient in written and verbal communications, and be able to interface with co-workers and management.

## **Qualifications**

### Specific Skills/Abilities

- The position requires attention to detail and ability to work with a minimum amount of supervision.
- Ability to prioritize multiple tasks, work independently and produce high quality work with attention to detail.
- The technician must be proficient with Microsoft Office Suite and have some mechanical aptitude.
- Ability to work with analytical balances, some chemicals, and general labware is necessary.
- General lab skills, as well as ability to learn instrumentation software are a must.
- Strong problem solving, time management and organizational skills with the ability to complete projects within specific deadlines.
- Must have a professional and positive attitude; outstanding ability to listen well and work in a team environment.

### Education/Experience

- High school diploma with experience in a lab setting or Associates degree required.
- Demonstrated ability to perform various math calculations and use test / measuring devices.
- Experience with batteries or electrochemical systems is required.
- Familiarity with Statistical Process Control, and Design of Experiments a plus.

### Additional Information:

- A background check is required for employment in this position.
- The Coretec Group offers an opportunity for growth and this position could lead to future advancement within the company

Please send your resume to The Coretec Group at [careers@thecoretecgroup.com](mailto:careers@thecoretecgroup.com).

The Coretec Group, Inc. is an EEO/AA employer. All individuals, including minorities, women, individuals with disabilities and veterans are encouraged to apply