



**Date:** March 2024  
**Role:** Quality Lab Technician

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**The Company:** Located in Pittsburgh, Pennsylvania, Stratus Materials is an early-stage, technology-based company focused on the development and manufacture of advanced active materials for the lithium-ion battery industry. Our primary focus is on advanced electric vehicle batteries, but our materials will also be applicable and very attractive for virtually all other end-user applications using lithium-ion batteries. The company is well-funded with support from several blue-chip venture capital firms and is using those funds to execute on its business plans. If you are interested in a dynamic, high-growth opportunity where you can dig in and make a difference, we look forward to meeting you.

**Summary of Position:** The Quality Lab Technician at Stratus Material is directly responsible for performing characterization of battery materials (including analytical methods and electrochemical testing), for participating in method development studies, and for the general maintenance and upkeep of measurement equipment under the direction of the Analytical Scientist. This role must exercise attention to detail and rigorous record keeping throughout all daily duties. This role will work closely with material scientists, process engineers and test engineers to develop world class energy storage materials which requires strong verbal and written communication skills. Additionally, this role will have some responsibility for incoming materials disposition and basic EHS responsibilities.

### **Responsibilities**

- Perform routine and novel sample preparation and characterization techniques on a range of measurement equipment, including particle size, microscopy, density, chemical composition, and electrode and cell building for electrochemical testing.
- Participate in equipment management program including cleaning, calibration, verification, and preventative maintenance
- Flag any equipment issues for address and participate in equipment troubleshooting
- Record and report testing results in accordance the production and R&D needs; discuss and answer any questions regarding procedures and techniques
- Participate in method development and Gauge R&R projects
- Receive, organize, and safely store samples and materials in accordance with all safety and quality procedures
- Additional responsibilities may include:
  - Reviewing and receiving incoming materials for quality release for production use
  - Maintaining chemical inventory list
  - Coordinating monthly waste disposal
  - Lead or participate in safety reviews and process hazard analyses

- Demonstrate safety leadership in both day-to-day activities and by incorporation in process /equipment interaction.

**Requirements – Education, Experience, and Skills:**

- 1 to 3 years of technician experience in a laboratory environment. Analytical lab experience/materials testing experience is desirable.
- Associates degree or higher in technical field is preferred
- Ability to focus on tasks at hand and to repeatably perform tasks
- Strong intuition and judgment on technical topics
- Ability to handle multiple, competing priorities in a continuously changing environment
- Experience operating lab instruments and equipment
- Appreciation for and adherence to lab and work safety policies
- Interest and Experience in regulatory compliance for chemical manufacturing and experience participating in professional safety teams is preferred

**Requirements – Geographic and Physical:**

- Located in Pittsburgh, PA
- Able to frequently move about an office and standing on a laboratory floor.
- Occasional light lifting and ascending/descending stairs

Along with an exceptional culture and an opportunity to make a global difference, Stratus Materials offers a competitive compensation and benefits package as well as an entrepreneurial environment and the opportunity for phenomenal professional growth and development. Founded in early 2022 by a team including Dr. Jay Whitacre of Carnegie Mellon University, the company is an Equal Opportunity Employer.