



Date: March 2023
Role: Lab Technician

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. In early 2022, the company secured a substantial Series A round of financing from two 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 Lab Technician at Stratus Material is directly responsible for facilitating the production and testing of battery materials, for implementing a wide range of new processes and systems, and for the general maintenance of production and analytical equipment. 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.

Responsibilities

- Operating all process steps and quality checks on lab-scale and pilot-scale materials processing lines
- In conjunction with engineers, running design of experiments
- Setting up and maintaining equipment
- Receiving, labeling, and safely storing samples to be tested
- Operating process equipment and recording results in quality system
- Determining and performing tests needed for the analysis and report
- Recording tests and analyses and then reporting the results
- Discussing and answering any questions regarding procedures and techniques
- Organizing and storing samples in accordance with all safety and other requirements to ensure the safety of personnel and integrity of the sample
- Cleaning and maintaining lab equipment, including recalibration of equipment where applicable
- Maintaining equipment records and daily work logs

Requirements – Education, Experience, and Skills:

- 3 to 5 years of technician experience in a materials science or materials fabrication environmental

- Associates degree or higher in some form of 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 process equipment
- Appreciation for and adherence to lab and work safety policies

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.