



**Date:** Fall 2024  
**Role:** Powder Production Technician  
**Reports to:** Operations

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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 cathode 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 2023, the company began sampling its cathode powders to a broad range of potential customers and partners. 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 Powder Production Technician at Stratus Material is directly responsible for facilitating the production and testing of powder battery materials, for implementing and executing 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**

- Setting up, operating and monitoring process steps on lab-scale and pilot-scale materials processing lines following internal protocols and Standard Operating Procedures (SOPs). This includes equipment like blenders, ovens, sieves, etc.
- Operating analytical equipment and recording results in quality system
- Labeling, organizing and storing samples in accordance with all safety and other requirements to ensure the safety of personnel and integrity of the sample
- Provide regular productivity reports, and incident reports if an accident occurs.
- Know the manufacturing process in great detail and troubleshooting at an appropriate level.
- Keep equipment in good working order by performing regular inspections and cleaning.
- Apply lean manufacturing principles to eliminate efficiency wastes
- In conjunction with engineers, running production and supporting experiments

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

- At least 1 year of technician experience in a materials fabrication environment
- Ability to focus on tasks at hand and to reliably repeat those tasks
- 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
- Proficiency in word processing and spreadsheet software.

**Requirements – Geographic and Physical:**

- Located in Pittsburgh, PA
- Able to frequently move about an office and standing on a laboratory floor.
- 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.