

## Pellion Website Ad

Pellion Technologies seeks a full time Senior Test Engineer for our office located at 10 Gill Street, Suite K, Woburn, MA 01801

### **Job description:**

Perform testing and validation of Lithium-metal batteries and packs to industry safety standard, including UN38.3 and IEC62133;

Develop, optimize, and validate improvements for commercial Lithium-metal cells through modifications to the manufacturing process, cell chemicals and materials;

Perform electrochemical analysis and high-throughput screen on cell components to improve cell performance;

Packaging and shipping of Lithium-metal battery and cells, including ground and air shipping;

Characterization of chemicals and cell components (Cathode tape, separator) with X-ray Diffraction (XRD), Scanning electron microscope (SEM) to evaluate materials property and the effect on cell performance;

Ensuring laboratory safety protocols and proper waste handling methods are followed; and

Analyze and interpret testing data and prepare reports of test results.

**Position Requirements:** Master's degree, or foreign equivalent, in Materials Science, Chemical Engineering, or a closely related academic field plus two years in the Job Offered or in a related role. Experience, which may be gained concurrently, and pre- or post-Master's degree to include each of the following:

- Two years working on the development of commercial Lithium-metal cells;
- Two years testing and validation of Lithium-metal cells to UN38.3 and related battery standard;
- Two years of experience with material characterization; and
- Two years of experience in laboratory equipment operation and maintenance.

Position also requires Certificate of Training in packaging and shipping of dangerous goods.

Please direct all inquiries to: [jobs@pelliontech.com](mailto:jobs@pelliontech.com).