

Nature of position:

Liquid Metal Battery Corporation (LMBC) is seeking an engineer to design, operate, and evaluate the performance of high temperature batteries for our newly formed cleantech enterprise, a recent start-up company spun out from MIT. This Product Engineer (PE) position will be responsible for designing standardized cells, developing testing protocols, and optimizing cell performance through design iteration. This PE will play an integral role on a great team that seeks to commercialize liquid metal battery technology, which will enable an efficient electricity grid with high penetration of cheap and sustainable energy.

Responsibilities:

- Design and standardize batteries for high throughput testing
- Procure components, assemble, and operate batteries
- Evaluate battery performance, redesign cell components as necessary
- Investigate possible cell degradation mechanisms

Requirements:

- BS (or higher) degree in a relevant field of the physical sciences or engineering, such as applied physics, materials science, mechanical engineering, chemical engineering, or electrical engineering
- 3+ years of hands-on experience with high temperature systems and designing standardized products
- Experience handling and analyzing large datasets, database management
- Strong organizational and communication skills
- Capable of working both independently and as part of a fast moving team
- Demonstrated success on a technical project

Pluses:

- Knowledge of high temperature metallurgical, electrochemical, or chemical systems and metal joining processes
- Ability to handle and analyze a large amount of data
- Demonstrated understanding of corrosion mechanisms and chemical compatibility issues
- Demonstrated understanding of cost implications of product design, value engineering
- Statistical analysis experience for evaluating correlations of cell design with performance

Description of duties:

The PE will report to the CTO and will have primary responsibility for 1) design and building standardized cells for high throughput testing; 2) collecting and analyzing battery performance data; and 3) interacting with other teams to ensure smooth system-wide integration.

Compensation:

Based on skills and relevant experience.

Interested candidates should contact: admin@lmbcorporation.com

About LMBC:

Liquid Metal Battery Corporation (LMBC) is an early-stage company working to develop and commercialize a radical new battery technology that will revolutionize grid-scale power storage. Our battery has the potential to cost significantly less than existing batteries and would be a major enabler for more widespread use of sustainable energy sources and the development of more efficient power systems.

LMBC is based in Cambridge, MA and is backed by top-tier investors. We are constantly seeking creative, ambitious, and tenacious individuals to join our team and work with us to change the world.