

Position: Process Engineer 2

Job-Type: Full Time

Company: Staq Energy, Inc. (www.staqenergy.com)

Location: 321 S. Taylor Avenue, Suite 250, Louisville, CO 80027

About Us

[Staq Energy, Inc.](http://www.staqenergy.com) is developing distributed energy storage solutions to accelerate the adoption of renewable energy. Using our proprietary battery technology, Staq Energy is developing a new generation of products and services for global stationary energy storage markets. If you have a professional background outlined below, are passionate about working in a fast-paced environment, want to cultivate your expertise and collaborate with some of the world's top talent, we'd like to hear from you.

Position Summary

In this role you will work closely with an interdisciplinary team of engineers and scientists in an interactive environment. The work will entail using Lean-Six Sigma methods and tools to design, operate, and optimize a robust battery manufacturing process.

Primary Responsibilities

- Engage with equipment vendors, toll manufacturers, and other third parties to specify new process equipment and tooling. Includes mixers, dryers, welders.
- Write and/or review equipment specs and scopes of work
- Conduct trials and manufacturing runs at third party sites
- Define FMEAs on new equipment and processes
- Collaborate with mechanical designers to develop jigs, process aids, and custom equipment to improve yield and reduce process variability
- Conduct DOEs to optimize electrode manufacturing process
- Write, review, and refine standard operating procedures
- Rigorously follow all health and safety procedures of laboratory operations

Job Requirements

- Bachelor's degree in chemical, mechanical, or electrical engineering with 3-5 years manufacturing experience
- Experience working with basic process equipment such as mixers, pumps, and heat exchangers
- Experience working with analytical software such as JMP, Minitab, or R
- Strong mechanical background. Machine shop and fabrication experience desirable
- Experience developing and using FMEAs. Experience with FMEAs on manufacturing equipment or processes highly desired
- Strong mathematical background and understanding of basic statistics: linear regression, probability distributions, hypothesis testing
- Experience with safe handling of chemicals is required
- High level of personal energy; strong work ethic. Ability to work in a fast-paced environment
- Excellent verbal and written communication skills and a team player.