Position: Quality Control / Six Sigma Engineer

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. 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 implementing quality control systems in a developing manufacturing process.

Primary Responsibilities

- Apply Six-Sigma principles in a developing process to ensure final product quality
- Identify in-process quality control metrics and use statistical quality control procedures to establish control limits and tolerance limits
- Conduct MSAs and process capability studies to compare processes and determine appropriate control limits and procedures
- Design and lead structured experiments to improve product performance and process robustness
- Develop procedures for calibration and preventative maintenance of process equipment as it relates to product quality and process control
- Communicating quality control procedures to process engineers and operators, and ensuring effective implementation and adherence to these procedures

Job Requirements

- Master's degree in engineering, mathematics, statistics, or other related technical field with 3-5 years manufacturing experience, or Bachelor's degree with 5-7 years manufacturing experience
- Strong knowledge of analysis software for quality control and process improvement, such as JMP, Minitab, or R
- Strong statistical background and demonstrable experience applying statistical quality control methods in a manufacturing environment
- Experience designing and conducting MSAs, and DOEs in a manufacturing environment
- Experience using tools such as SIPOC, FMEA to determine how process variation impacts downstream processes and product quality
- Experience implementing quality control systems to a new process unit or production line highly desired
- Experience developing front-end tools for process data entry and visualization highly desired
- Six Sigma Green Belt or higher certification