

Position: Product Engineering – Reliability Engineer
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

Staq Energy is seeking Reliability Engineer, who has a successful professional track record working in engineering development programs in a high-technology or manufacturing environment and has a passion to work in a clean-tech startup. The Reliability Engineer will develop practical & innovative ways to identify and meet goals. In this role, you will be responsible for work that is less defined in scope and utilize your understanding and experience to execute business objectives. This position requires an individual who has relevant background and skills, works effectively cross-functionally, takes ownership, is self-initiating, and has very strong interpersonal and communication skills.

Primary Responsibilities

- Utilize System Safety Assessment, Fault Tree Analysis, Common Mode Analysis, Functional Failure Path Analysis, Safety Requirements development, Developing Safety Program Plans, Functional Hazard Analysis, Failure Modes Effects and Criticality Analysis, and Performance of Reliability Predictions
- Perform reliability prediction analysis using generally accepted methodology and failure rate sources, field experience data, and the use of Weibull Distribution & Analysis
- Coordinate component failure analysis for root cause and drives corrective actions
- Perform Failure Mode, Effects and Criticality Analysis to support the design process and to provide input to Safety and Testability analyses
- Execute the design, analysis, or evaluation of assigned projects using sound engineering principles and adhering to business standards, practices, procedures, and product / program requirement
- Ability to work independently with little or no supervision
- Document technical data generated by the assigned project consistent with engineering policies and procedures
- Provide timely communications on significant issues or developments
- Assure proper documentation of technical data generated for the assigned projects and/or tasks consistent with engineering policies and procedures
- Provide Technical guidance regarding the selection of components to design / development Engineers, Quality, and Purchasing
- Research and approves alternate sources to replace End of Life (EOL) parts

Job Requirements

- Educational background - Bachelors Degree in Electrical Engineering or Mechanical Engineering from an accredited College or University
- Ability to read and understand electrical schematics
- Extensive experience in safety analysis, fault tree generation and systems safety analysis
- Extensive experience in reliability analysis, testing, statistical analysis, and modeling
- Understanding and use of Microsoft Office applications
- Strong technical aptitude, including applicable engineering tools and systems
- Possess some knowledge of production & manufacturing practices and materials
- Willingness to learn & be trained on new methods and technologies
- Strong oral and written communication skills
- Strong interpersonal and leadership skills
- PC proficiency