

Manufacturing Engineer @ Energy Storage Systems, Inc.

1.0 Job Description

Energy Storage Systems (ESS) is a fast-growing, venture-backed, clean technology start-up, located in Portland, OR. ESS has developed an advanced flow battery technology for commercial, industrial, and utility applications. ESS is looking for a motivated and versatile Manufacturing Engineer to join our team. The Manufacturing Engineer will be engaged in a wide spectrum of activities including process, work instruction, automation, and tooling development.

- Provide technical product sustaining support from product release into manufacturing through end of service
- Develop and maintain technical product and process documentation through ECO process
- Characterize and improve process and product performance per defined business metrics
- Provide technical support to the factory, to ensure that ESS is capable of shipping quality products on-time to its customers
- Conduct detailed troubleshooting and analysis of issues that affect reliability, performance, etc. This includes the use of statistical analysis, 7-Step Problem Solving or other established methods
- Provide input or participate in new product introduction projects.
- Provide supply chain support including vendor qualification and quality issue resolution
- Support Field Service/TSS with product escalations as necessary. May require some on-site support at customers
- Perform hands-on assembly, testing and training of personnel as required during project work (i.e., assembly, test or measurement, troubleshooting)
- Facilitates and may lead cross-functional improvement and other Operations projects
- Adhere to safety, environmental, Sarbanes-Oxley and other regulatory standards
- Other duties as assigned

2.0 DESIRED SKILLS & EXPERIENCE

- University degree in Mechanical or Industrial Engineering, Chemistry or a combination of education and experience that demonstrates the required skills. Preference for experience in large capital equipment manufacturing techniques and energy storage.
- Typically 5-10 years of technical experience in high-tech industry environment in service, development or manufacturing
- Preference for candidates with CAD design experience using solid modeling systems.
- Demonstrated experience with process improvements, equipment validation and data analysis methods required
- Demonstrated experience improving processes using Statistical process control, 6 sigma methods, DOE and advanced analytical methods is required.
- Demonstrated ability to do hands-on troubleshooting, assembly and engineering validation work required.
- Willingness to travel up to 10%
- Demonstrated experience participating in or managing concurrent technical projects
- Self-starter who is also highly productive when not supervised to meet the agreed objectives
- Demonstrated ability to plan and resolve issues that involve gaining cooperation of cross-functional, multi-cultural groups and sites without damaging relationships.
- Must demonstrate ability to create technical documentation and engineering reports
- Must have ability to obtain a valid passport and travel regionally and internationally as required
- Must demonstrate excellent written and verbal communication skills
- U.S. Citizenship or permanent residency required.