

## Technician - Electrical @ 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, hard-working Assembler to join our team. This person fabricates and assembles components and modules of all iron redox flow batteries. This position involves close interaction with numerous engineering disciplines. Ability to work in a team environment is a must. Applicant must be comfortable working in a fast paced, dynamic work environment. A strong commitment to quality and continuous improvement is required.

- Responsible for the safe, efficient completion of the assembly process in a high quality and repeatable manner
- Work with mechanical and electrical engineers to assemble battery systems with all Iron redox flow batteries.
- Set up and operate test equipment to evaluate performance of developmental parts, assemblies, or systems under simulated operating conditions and record results
- Assemble electrical and electronic systems and prototypes according to engineering data and knowledge of electrical principles, using hand tools and measuring instruments
- Provide technical assistance and resolution when electrical or engineering problems are encountered before, during, and after construction.
- Build, calibrate, maintain, troubleshoot, or repair electrical instruments or testing equipment.
- Collaborate with electrical engineers or other personnel to identify, define, or solve developmental problems.
- Draw or modify diagrams and write engineering specifications to clarify design details and functional criteria of experimental electronics units.
- Construct and perform reliability tests on various key system components.
- Perform in-process inspections steps to ensure the quality of the work performed and the functionality of the component and/or module.
- Maintain production and test equipment.
- Support electromechanical troubleshooting of product and support equipment.
- Ability to follow written and verbal work instructions

### 2.0 Desired Skills & Experience

- Requires an AS Degree or higher in Electrical Engineering or Electrical Engineering Technology.
- Proficiency troubleshooting electronics and electro-mechanical systems down to the component level.
- Experience with reading electrical schematics and mechanical P&IDs a must.
- Experience with Oscilloscopes, DMMs, Power Analyzers, Signal Generators etc.
- Familiarity with single and three phase power systems and power distribution systems.
- Familiarity with power conversion equipment.

- Familiarity with computer and micro-controller systems.
- Capability to work on and around industrial power systems.
- Experience with battery or fuel cell systems a plus.
- Work independently and proactively.
- Good interpersonal and communication skills to work effectively with a small, dynamic team.
- U.S. Citizenship or permanent residency.

Email a PDF resume to [HR@energystoragesystems.com](mailto:HR@energystoragesystems.com) with the subject line Electrical Technician Resume – Last Name, First Name