

## **Electrical Battery Lab Technician**

Titan Advanced Energy Solutions

Located in Salem, MA, Titan Advanced Energy Solutions (Titan) is building a world-class team to develop and commercialize game-changing ultrasound-based battery management diagnostic systems for lithium-ion batteries for consumer electronics, automotive, storage, and second-life markets. We provide fast and accurate estimates of the state of charge (SoC) and state of health (SoH), which creates significant benefits to the whole value chain, including increased daily usable charge capacity, longer battery life, and improved safety monitoring and control.

We are looking to add an **Electrical Battery Lab Technician** to be part of a cross-functional team responsible for developing and delivering new, fit-for-purpose ultrasound-based battery diagnostic solutions. These efforts will also directly support key Titan business opportunities, making Titan the partner of choice for customers who want leading-edge cell manufacturing productivity. A successful candidate for this role will be an energetic, team oriented, problem solver with maturing technical abilities to support system tests, characterization, verification, and assembly.

### **In this role you will**

- Be a key contributor in a small, technical team that tests and documents battery cells using ultrasonic imaging systems under development.
- Build, test, and troubleshoot battery test systems.
- Execute battery test methods and perform battery testing.
- Develop and document test plans.
- Support prototype system builds including electrical and mechanical assembly.
- Verify and improve documentation.
- Step into other roles as necessary to assist with the completion of high priority projects.

### **Who you are**

- Recent graduate with a 2 technical degree, or equivalent.
- Likes working in an engineering environment or laboratory.
- Likes learning from other engineers and technical papers and documents.
- Likes using computers to make work faster.
- Likes a mix of hands-on hardware work and application of your technical skills.
- High energy and goal oriented.
- Ability to provide creative, yet pragmatic solutions to technical problems and experiments.
- Attention to detail and organization.

### **Work Location: Salem, MA**

#### **Personal Values**

- Bias to action and entrepreneurial spirit
- Trustworthy & full of integrity
- Compassionate and highly empathetic
- Collaborative and capable of building consensus internally and externally
- Passion for clean energy and a desire to take an active part in shaping a new paradigm

Titan welcomes applicants from every background – our diversity helps us thrive and serve our customers and each other. All employment decisions are based on qualifications, merit and business needs, without discrimination or bias. We are proud to be an equal opportunity employer. If you need assistance or an accommodation due to a disability, you may contact us at [careers@titanaes.com](mailto:careers@titanaes.com)