

**Job Title:** Manufacturing Electrical Technician  
**Department:** Operations  
**Reports To:** Manufacturing Technical Manager  
**FLSA Status:** Non-Exempt (Overtime Eligible)

**Position Overview:**

EnerDel designs, builds and manufactures lithium-ion energy storage solutions and battery systems with a focus on heavy duty transportation, on- and off-grid electrical, mass transit and task-oriented applications. The Manufacturing Electrical Technician will support operations.

**Essential Job Functions**

- Support Product Development Team
- Assemble prototype electronics and pack assemblies, including wiring harnesses per product designs
- Set-Up and run test equipment per test specifications
- Perform Battery System Functional Testing and Troubleshooting of High Voltage Batteries and Electronics Assemblies
- Enter test results on Functional Data Sheets
- Maintain a clean, organized work environment
- Perform other duties as assigned

**Required Knowledge, Skills, & Abilities:**

*To perform this job successfully, an individual must be able to perform each essential duty satisfactorily. The requirements listed below are representative of the knowledge, skills, and ability required.*

- Preferred:
  - Minimum 5 years of experience in an Electrical Technician or related role
  - Intermediate to advanced skills with the: Internet, data entry, spreadsheets, and word processing, specifically with Microsoft Word and Excel;
  - Associates Degree in EET or closely related field
  - Ability to assemble wire harnesses and perform debug
  - Ability to perform problem analysis and problem resolution
  - Ability to read electrical schematics
  - Ability to safely work on High Voltage Assemblies
  - Ability to use lab equipment such as Oscilloscopes, Multimeters and Data loggers
  - Ability to work in team environment
  - Excellent interpersonal, verbal, and written skills
  - Good organization and time management skills
  - Knowledge of analog discrete components and some digital components
  - Quality oriented with a high attention to detail

**Supervisory Responsibilities:** None.

**Physical Requirements/Hazardous Working Conditions:**

*The physical demands described here are representative of those that must be met by an employee to successfully perform the essential functions of the job. Reasonable accommodations may be made to enable individuals with disabilities to perform the essential work functions.*

**Physical Demands**

- Standing
- Walking
- Sitting
- Lifting
- Carrying
- Pushing/Pulling
- Climbing
- Balancing
- Stooping
- Kneeling
- Reaching
- Handling
- Feeling
- Talking
- Eye/Hand/Foot Coordination
- Vibration
- Typing/Keyboarding

**Vision/Sight/Hearing**

- Vision-Far Acuity
- Vision-Near Acuity
- Vision-Depth Perception
- Vision-Peripheral
- Color Vision
- Listening/Hearing

**Environmental Conditions**

- Temperature Changes
- Infectious Disease
- Humid
- Noise

**Physical Strength**

- Sedentary Work
- Light Work
- Medium Work
- Heavy Work
- Lifting up to 10 lbs.
- Lifting up to 25 lbs.
- Lifting up to 50 lbs.
- Lifting over 50 lbs.
  
- Hazards
- Wet
- Hazardous Chemicals
- Blood/Body Fluids