



Job Description

Job Title	Manufacturing Engineer	Reports to	Prd - Engineering Manager
Department	1600 - Plant Overhead	FLSA	Exempt
Location	Woodridge IL	Status	Full-time

About Us

Inventus Power is a global leader in advanced battery systems that specializes in designing and manufacturing high-quality, reliable, and innovative power systems for a broad range of portable, motive, and stationary applications. We are a US based company headquartered in Woodridge, Illinois and have a global presence that extends across four continents with five manufacturing facilities, three engineering technical centers, a multi-tiered sales service channel, and 3,000+ employees. For over 60 years, Inventus Power has been addressing the rapidly expanding power demands of a changing world through technology and engineered solutions. We continue to invest in our people and processes, while enhancing our products and capabilities in order to create a safer, smarter, and more sustainable battery-powered world.

We are an ITAR facility and hire only U.S. persons who are defined as U.S. citizens or green card holders.

What You'll Do

The Manufacturing Engineer will ensure that all assembly processes, equipment, and supporting systems operate to their maximum effectiveness. This role will adhere to specified safety and cost constraints as well as provide confirm that all products are of the highest possible quality. Maintain regular contact with production supervisors to keep them apprised of production floor issues encountered daily.

Responsibilities (Including other duties as assigned)

- Develop all process sheets (Work Instructions) necessary to manufacture all products and ensure quality within established cost limits.
- Update BOM's to reflect CAR and approved process improvements.
- Properly define all test parameters for electrical and mechanical integrity of the products.
- Use input and guidance from design and test engineers to ensure that safety, quality, and environmental issues are considered and implemented.
- Teach, implement, and sustain DFSS and DFM processes for engineering development projects.
- Work with engineers and prototype/sample department to ensure new products are properly documented with BOM and process sheets.
- Plan, document, and provide periodic status reports on test results, processes, and workflow improvements.
- Generate PPAP packages to include Capability Studies, FMEA, and Control Plans.
- Plan, document, control, and analyze RMA (Returned Material) to determine root cause and develop appropriate corrective action that will eliminate future non-conformities.
- Maintain an awareness of customer requirements and use complaints to identify areas that may need development or improvement.
- Assist in the maintenance of a safe and healthy working environment and ensure that all equipment is used in accordance with safety regulations and company rules.



Job Description

- Maintain a high standard of housekeeping and ensure that all environmental and health and safety regulations are complied with and implemented on the production floor.
- Operate and train others on a wide range of equipment and tasks including Calipers, Voltmeter, Assembly of aids, jigs, and fixtures, Electrical resistance welders, Ultrasonic welders, Electrical testing, Product labeling, and Shrink wrapping.

What You Will Need

- Bachelor's degree or equivalent education in Industrial, Manufacturing, Industrial Technology.
- Minimum of 5 years related work experience in an electronics assembly environment.
- Ability to use project management tools, MS Word, Excel, Project, Visio, and AutoCAD to efficiently handle the workflow and transactions generated.
- Experience with MRP, MRP-II, or ERP systems and knowledge of ISO 9001, DFSS, DFM, Lean Six Sigma (LSS), TPS, 5S, TQM preferred.
- Ability to operate Calipers, Voltmeter, Electrical resistance welders, Ultrasonic welders, and other power supplies.
- Knowledge of electrical testing, product labeling, shrink wrapping, technical drawings, and assembling aids, jigs, and fixtures.
- Experienced and able to do time studies, flow analysis, workload balancing, process sequence analysis and/or value stream mapping, TAKT Time.

Inventus Power is proud to be an Equal Employment Opportunity and affirmative action employer. We celebrate diversity and are committed to creating an inclusive environment for all employees.

Date Employee Name

Employee Signature

Date HR Name

HR Signature