



Coating Engineer

Quallion, LLC is one of only two major space battery manufacturers to be truly US-owned and operated; capable of making rechargeable lithium ion batteries. Our Quality Lithium Ion or Quallion chemistry is used in primary and rechargeable cell batteries that provide power storage solutions for Medical, Military, Space/Aviation, Hybrid/Electric Vehicle, and Utility Industries.

Our scientists are designing and developing renewable green solutions for our world.

Wouldn't you like to be part of that solution?

Responsibilities:

- Develop manufacturing documentation required to support production builds. These documents include work instructions, quality SPC targets, Gauge R & R and other manufacturing related documentation.
- Prepare engineering documents and cost estimate of new equipment.
- Provide monthly progress reports on assigned development projects.
- Practice procedures which comply with corporate quality systems.
- Lead Process and participate in design of FMEA activities to ensure process shortcomings are identified and addressed.
- Support continuous improvement manufacturing engineering activities to achieve and exceed quality targets.
- Support BOM verification and ECO activities.
- Have solid documentation skills to specify process specifications, work instructions, preventive maintenance methods, etc.
- Develop equipment and tools for the fabrication of battery and electrochemical cells
- Determine process conditions required for the making of components, intermediate product assemblies and final battery configurations.
- Identify "best practices" for manufacturing.
- Demonstrate experimentally to improve process and equipment at plant or at vendors.
- Work with inside and outside resources to procure new equipment and validate performance – demonstrate the efficacy of process through pilot and plant trials – provide inputs to equipment engineering on new equipment purchase.
- Coordinate and execute engineering trials on new equipment and new materials; measure process parameters, develop methods and conduct quantitative process analysis.

Requirements:

- Must have one of the following coating experiences:
- Coating process experience for lithium ion battery electrode
- Coating process experience for polymer material, ceramic and/or carbon material
- Process engineering/development and validation process experience.
- Documentation experience (quality control, assembly procedures, test protocols, test reports, etc..)
- Knowledge of standards (MIL, NASA, ANSI, ISO, etc..)
- Statistical analysis experience (six sigma)
- Team Work Accomplishment
- Be a resource to the plant Manufacturing Engineers.

- Support plant problem solving efforts as needed (i.e. scrap reduction, cycle time improvements, etc.)
- Maintain an open and candid working relationship with immediate supervisor/manager discussing all matters of importance.
- Perform other job functions as requested to support the effective and efficient operation of the plant.

Education/Experience:

- Must have MS or Ph. D. in Mechanical Engineering, Chemical Engineering or Thermal Engineering,

To apply for this position:

Qualified candidates should send resume to Quallion LLC, attention Recruitment, recruitment@quallion.com and include "**Coating Engineer**" in subject line of the e-mail to be considered.

Quallion LLC offers competitive salaries, outstanding benefits packages and professional growth opportunity. For further information, please visit our website at <http://www.quallion.com/>

Quallion LLC is an Equal Opportunity Employer.

All qualified applicants will receive consideration for employment without regard to race, color, religion, sex, or national origin