

Manufacturing Engineer Surrey, BC

EaglePicher Technologies has been a leader in designing and manufacturing of batteries, battery management systems and energetic devices for the defense, aerospace, medical and commercial industries for nearly a century. EaglePicher's Surrey, BC location, which specializes in the manufacture of specialty batteries used in implantable medical devices, has an opportunity for a **Manufacturing Engineer**.

Position Summary

Reporting to the Manager of Engineering, this position will support and advance production processes including design, validation of existing and new products.

Expected Contributions

- Design products, tooling, fixtures and processes.
- Analyze current processes and implement error proofing solutions utilizing SPC and DOE methodologies.
- Design and run qualification and validation tests.
- Initiate and establish innovative productivity and pre-production process changes.
- Initiate and recommend continuous improvement activities necessary to reduce machine downtime, reduce scrap, and increase productivity.
- Participate in the planning of equipment layout and workflow to maintain optimum and safe utilization of plant resources using pre-defined quality standards.
- Write technical reports to ensure new processes are validated.

Knowledge, Skills and Abilities

- Proficient with AutoCAD and Autodesk Inventor (or similar 3D CAD software).
- Working knowledge of tig, projection, laser, fusion, plasma and ultrasonic welding processes.
- Familiar with chemical production processes.
- Familiar with BOM's, routings, time studies, design and process FMEA's.
- Ability to work near or around dust and hazardous chemicals using appropriate personal protective equipment.
- Ability to work in a dry room environment.
- Familiar with lean manufacturing and ISO 9001 or ISO 13485.
- Excellent written and oral English communication skills to produce high quality technical reports.
- Previous experience working in a manufacturing environment.

Education

- Degree in mechanical, electro-mechanical or manufacturing engineering.

To apply, please submit your resume and cover letter by email to:

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www.eaglepicher.com