

Job Title	Manufacturing Engineer
Location	Vancouver, BC
Reports to	Operations Director, Scotland

Job Purpose

As Manufacturing Engineer, you will assure the day to day management of the manufacturing of our innovative energy storage machines across multiple concurrent projects and provide the communications link to and from the Engineering team and the Operations team, so that products can be manufactured in practice from the designs provided.

Responsibilities

- Implementing the controls necessary to ensure that Engineering concepts and drawings are converted to documented, workable build processes for use by the manufacturing team
- Lead design and specification reviews, conducting DFM and PFMEA studies, apply manufacturing principles to establish product improvements in close partnership with the product design and supply chain teams
- Be the Manufacturing Engineering knowledge for a particular product, leading forums to inform and adopt internal and external best practice globally
- Produce method statements and risk assessments in line with H&S requirements
- Design and improve all production processes and refine using LEAN methodologies
- Provide technical support, responding to mechanical and electrical design questions from the manufacturing personnel, seeking answers from the engineering and R&D teams
- Identify the tools and fixtures required to manufacture and assemble products to the specifications and tolerances required
- Train production staff the necessary skills and criteria to assemble products to instructions
- Promote activities associated with developing an Integrated Management System, driving the standards ISO 9001, 14001 & 45001 in the manufacturing environment
- Specify and manage facilities capital projects to schedule and within budget

Requirements

- Degree Qualified in Manufacturing, Industrial Mechanical, Mechanical or Process Engineering
- Minimum 10-years of experience:
 - Manufacturing and assembly of mechanical and electrical products in prototype, pre-series and series production phases
 - Assembly and handling of large products
 - Producing supporting documentation, procedures, method statements and risk assessments
 - Understanding of manufacturing management processes: BOM, ERP, resource and capacity planning
- Evidence of process and design improvement in complex project to improve quality, throughput and reduce cost

- Understands and demonstrates the significance of meeting business critical KPIs
- Understanding of and adherence to Health and Safety procedures
- Proficiency in MS Office Suite (e.g. Excel, Word, Outlook) and general computer literacy