



Job Description

Mechanical Designer – Ref 20 050

Role:

To develop mechanical devices and machines from concept through to manufacture, and support the design throughout the entire lifecycle of the D&V product(s).

Responsibilities:

- To develop mechanical devices from concept through to manufacture; meeting safety, reliability, cost, manufacturing and performance requirements
- Participate in the development, testing and approval of complex mechanical and electro-mechanical systems
- Plan and execute design verification and validation activities
- To develop new products using a modular approach, maximizing reusability and efficiency
- Preparation of technical and regulatory documentation, including drawings, production documentation, BOM, assembly instructions etc.
- Use computer assisted engineering and design software and tools to perform engineering tasks
- Participate in design reviews, project meetings, and time/cost budgeting
- Communicate with different parties – customer, vendor, internal engineering and manufacturing to ensure product meet customer requirements and quality standards
- Meeting projects scheduled deadlines and budgets

Education and Experience:

- B.Sc. in Mechanical Engineering
- Working knowledge of AutoCAD or similar 3D software
- Good interpersonal and communication skills
- 5 -7 years' experience in designing mechanical devices from concept
- Strong problem solving and analytical skills required
- Ability to interface effectively with Engineering, Manufacturing and Purchasing departments