

## MECHANICAL DESIGN ENGINEER

### SUMMARY

Responsibilities listed below do not represent the full scope of duties and responsibilities, but aims to be representative of the fundamentals expected of a Mechanical Designer. It is implied that a Mechanical Designer would be competent, and willing to undertake any task expected of a Mechanical Designer. All work will be carried out in accordance with company SOP's, policies and procedures.

### RESPONSIBILITIES

- Focus on 3D modeling, drafting and CAD training
- Create and implement Engineering Change Instructions
- Unsupervised participation in development projects
- Assume responsibility for own design commitments delivering to agreed timescales in line with project plans. Proactively manage the progress of design related ECO's to implementation where the originator may be a junior team member or contract design resource.
- Participate in cross functional projects
- Generate data required for the design section of the development history files (DHF).
- Orchestrate Design FMEA's
- Interact routinely with all levels of company management
- Checking internal and externally generated models and drawings to verify mechanical integrity and ensure data conforms to company standards and requirements.
- Liaise with and supervise vendors contracted to supply design related information to the company.
- Develop and design, company related systems, procedures and specifications.
- Mentor other team members & contract design resources on company processes, applicable software systems and general design and drafting principles.
- All employees are responsible for minimizing both the environmental and health and safety effects of the work that they perform.

## REQUIREMENTS

- Possess a mechanical/industrial design engineering background
- Possess a minimum design engineering qualification plus 5 years experience
- Exhibits effective time management and decision making skills
- Highly Computer Literate
- 3D spatial awareness
- Is proactive, demonstrating a high level of initiative
- Team working skills and flexibility are essential