



Titeflex Corporation

Job Description

Job Title: Research & Development Engineer

Department: Engineering

Reports To: Engineering and R&D Manager

Primary Responsibilities:

This position will be responsible for designing and developing products and product families.

- Develops new products in areas as prioritized by the business strategy.
- Communicates effectively with internal team members and customers.
- Evaluates and designs products and processes for maximum performance, functionality, etc.
- Produces concepts and prototypes effectively through Solidworks, 3-D printing, machine shops, production teams, etc.
- Carries out testing for design verification and validation, product performance, etc. in both a laboratory and manufacturing environment.
- Demonstrates ability to translate business objectives into strategic and tactical project goals.
- Relies on engineering logic and principles to plan and accomplish goals.
- Operates in a manner consistent with the mission of the department and business.
- Uses a wide degree of creativity and latitude to accomplish tasks.
- Interact with customers to understand their needs.
- Some travel required.

Skills & Requirements:

- Bachelor's degree in mechanical engineering
- 3-D solid modeling CAD experience (preferably Solidworks)
- Finite element analysis experience (preferably Solidworks Simulation)
- MS Word, Excel, PowerPoint and Project
- Knowledgeable with manufacturing processes, materials science, laboratory and measuring equipment, technical drawings
- Working knowledge of intellectual property
- Proven ability as a self-starting, motivated leader
- Lean manufacturing knowledge and practice preferred
- Project leadership and teamwork
- Ability to manage projects from concept to market introduction
- Proven ability to manage multiple assignments/tasks at one time
- Strong oral and written communication and interpersonal skills