



Mechanical Engineering Intern

EMPLOYMENT AGREEMENT: Non-Exempt

ADVISOR: VP of Global Engineering or as assigned.

PRIMARY CHARACTERISTICS:

- Principles: Supports and models the company's principles that are identified in the Declaration of Belief and Direction Statement, in all areas of conduct and business.
- Team Work: Prioritize activities based on needs and expectations of internal and external customers. Communicates effectively and drives resolution of issues.
- Customer Focus: Understands product performance and quality concerns of the customer.
- Methodical: Uses structured problem solving techniques and work habits to diagnose and resolve issues. Deploys data driven decisions.
- Continuous Improvement: Utilizes educational and industrial benchmarking techniques to understand state of the art manufacturing methods that help Reell achieve and deliver World Class solutions.

KEY RESPONSIBILITIES:

- Research and Development: Works under the direction of Engineers on technology development and modeling, proto-type generation and testing.
- Product Design: Works under the direction of Engineers to develop concepts and initial Engineering analysis of potential product offerings.
- CAD Modeling and PLM Entry: Works under the direction of Engineers to develop and enter CAD models and associated data into PLM system.
- Product Verification and Validation Testing: Works under the direction of Engineers to develop test plans, perform testing, and prepare reports that demonstrate on-going product reliability.
- Engineering Change Request/Notifications: Works under the direction of Engineers to document ECRs and associated documentation.
- Other duties as assigned.

SKILLS REQUIREMENTS:

- Customer Focus
- Effective Communication & Comprehension
- Innovation
- Analytical Thinking and Problem Solving
- Quality Focus
- Time and Task Management
- Academic 3D modeling experience
- Academic understanding of Geometric Dimensioning and Tolerances (GD&T)
- Academic understanding of Statistical Process Control (SPC) Data and Methods
- Hands-on problem solving skills
- Proficiency in MS Office (Excel, PowerPoint, Word)

EDUCATION AND WORK EXPERIENCE REQUIREMENTS:

- Active pursuit or recently achieved Baccalaureate Degree in an Engineering Discipline (BSME, BSMS) or equivalent.

PREFERRED REQUIREMENTS:

- Exposure to statistical process engineering techniques
- Understanding of cost estimating concepts
- Exposure to multiple manufacturing processes
- Exposure to MCAD and finite element software
- Exposure to Six Sigma concepts
- Exposure to ISO requirements

PHYSICAL REQUIREMENTS:

- Able to lift 25 lbs when needed
- Able to work in a manufacturing, test lab and office setting