



## **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