

## **MECHANICAL DESIGN ENGINEER**

Engineering Department

JOB TITLE: Mechanical Design Engineer

### **JOB SUMMARY**

We are seeking a skilled Mechanical Design Engineer to join our product development team.

### **RESPONSIBILITIES**

- Create detailed 3D models and engineering drawings using CAD software
- Perform finite element analysis and simulation studies
- Collaborate with manufacturing team on design for manufacturability
- Ensure designs meet quality standards and regulatory requirements
- Participate in design reviews and provide technical input

### **QUALIFICATIONS**

- Bachelor's degree in Mechanical Engineering
- 3+ years of experience in mechanical design
- Proficiency in SolidWorks or similar CAD software
- Experience with FEA and simulation tools
- Knowledge of manufacturing processes and materials
- Strong problem-solving and analytical skills

### **REQUIRED SKILLS**

- SolidWorks certification preferred
- Experience with GD&T and technical documentation
- Understanding of thermal and structural analysis
- Project management experience