



## MECHANICAL DESIGNER

**\*\*\*You must supply a cover letter and salary requirements with your resume\*\*\***

We are seeking a Mid-Level Mechanical Designer to become a part of our team! In this role, you will be responsible for taking project data and a general design concept from senior staff and completing a full design package for fabrication. The potential for growth is largely dependent on the candidate's success. We're a small company with a lot of potential - we just need to continue adding the right pieces to our puzzle!

### **Responsibilities:**

- Design functional test equipment while maintaining design intent, cost & schedule factors
- Prepare detail and assembly drawings and BOMs for engineering release packages
- Create formal tolerance analysis stack-ups for critical interfaces
- Create design review presentations for both internal and external customers
- Work efficiently with minimal supervision
- Be proactive in forecasting expected milestone completion dates to senior staff
- Coordinate with other colleagues regarding complex designs

### **Qualifications:**

- Previous experience in mechanical design and drafting (samples/portfolios would be helpful)
- Familiarity with mechanism designs – cams, linkages, etc.
- Familiarity with evaluating mechanical interfaces and selecting proper tolerances for optimal performance
- Very strong familiarity with SolidWorks (certifications are a plus)
- Highly detail-oriented
- Must work well in a fast-paced environment and under pressure
- Organization is critical as you will shift frequently between projects as needed



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- Strong ability to forward-think and recognize how certain aspects of a project will impact future delivery dates (e.g. identifying long-lead items, etc.)
- Strong oral and written communication skills required – you will be interacting with some of our biggest customers regularly (emails, teleconference, face-to-face)
- Positive attitude and strong work ethic, with a willingness to "go the extra mile" when needed – occasional overtime will be required based on specific project needs

**Job Type:** Full-time, salary

**Job Location:** Fall River, MA

**Required education:**

- ASME with 5 years design experience or BSME with 3 years design experience

**Required experience:**

- electronic component selection: 3 years
- mechanism design: 3 years
- detail drawing and tolerancing: 3 years
- SOLIDWORKS: min. 3 years