



Example of Mechanical Job Description

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Our growing company is hiring for a mechanical. To join our growing team, please review the list of responsibilities and qualifications.

Responsibilities for mechanical

- Procure and assemble prototype material to verify form fit and function
- Perform failure analysis on released hardware in coordination with manufacturing and application engineering
- Develop and design mechanical component parts and assemblies for integration into Mass Spectrometers for future and current products
- Design and deliver a complete work package including CAD modeling, detailed GD&T drawings, tolerance analysis and Bill of Material creation
- Collaborate with engineering and research scientists to develop theoretical concepts into functional prototypes
- Deliver designs to schedule, accountable for meeting deadlines, following up on outstanding issues and tracking project issues to resolution
- Assist or lead the build of prototype assemblies to test functionality, analyze the ease of assembly, troubleshoot as necessary and summarize results
- Develop, review and release product documentation for parts and assemblies consistent with documentation guidelines
- Work closely with multiple product development groups throughout the product development process (eg Project Management, Systems Engineering, Hardware verification and validation, Manufacturing Engineering, Electrical Engineering)
- Provide technical support to released products to improve manufacturing yield, field reliability and/or product cost

Qualifications for mechanical

- Ability to conceptualize, implement, and validate a system-level solution
- Familiarity with OEM development models
- Has scanner experience is better
- Experience using CAD software as a design tool (Cadence or Creo Elements)