



Example of Mechanical Design Engineer Job Description

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Our innovative and growing company is searching for experienced candidates for the position of mechanical design engineer. Please review the list of responsibilities and qualifications. While this is our ideal list, we will consider candidates that do not necessarily have all of the qualifications, but have sufficient experience and talent.

Responsibilities for mechanical design engineer

- Document and ECO release of engineering reports, engineering drawings, bill of materials and equipment design specifications
- Lead the R&D development and scale-up through stage gate process, ensuring milestone commitments are achieved
- Influence and propel multi-functional team members to achieve stretch goals
- Create concepts, verify designs, and create prototypes
- Responsible for research & engineering documentation and overseeing verification test
- Understand applicable industry and regulatory standards (UL, FM) for product development
- Research future concepts within market including the monitoring of technology trends
- Coordinate activities internally and with other groups to effectively accomplish objectives requiring knowledge of associated functions and related engineering fields
- Use computers and selected programs for such matters as preparing reports and conducting analyses
- Exercises ingenuity and implements innovative concepts to save cost

Qualifications for mechanical design engineer

- Experience designing with different metals (steel, stainless steel, aluminium and plastics)
- Experience with machine designing (in the packaging industry would be a plus)
- Must work well within team environment, but be self-organized and analytic in problem solving
- Engineering degree in Mechanics
- BS Engineering (Applied Science considered), advanced degree preferred