



# Example of Mechanical Engineer Design Job Description

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

## Responsibilities for mechanical engineer design

- Reviewing customer/supplier design requirements and code requirements
- Specifies components and/or directs modification of products to ensure conformance with engineering design and performance specifications
- Provide Mechanical Project Engineering leadership to a small team
- Assessing project requirements
- Agreeing on budgets, timescales and specification with stakeholders and management
- Producing and implementing designs and test procedures
- Liaising with purchasing department and suppliers, performing Quality / First Article analysis and generating reports
- Testing, evaluating, modifying and re-testing products
- Work cooperatively within a cross functional product development team (sales, product management, and customers) to consistently generate innovative and unique solutions to customer and market needs
- Facilitate & participate in concept brainstorming & ideation sessions

## Qualifications for mechanical engineer design

- Basics of DFM software (Moldflow, ProMold) & Structural Analysis- FEA(ANSYS, ProMechanica)
- Travel and onsite coordination specifically US, China & Mexico
- Proficient in 3D modeling (Solidworks preferred)

- Understanding of manufacturing tolerances