



Example of Design Engineer Job Description

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Our growing company is hiring for a 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 design engineer

- Carry out and check design calculations to satisfy all aspects of design integrity in compliance with company design procedures and external design codes
- Produce and check design drawings and detailed manufacturing drawings utilizing 3D CAD
- Compile the necessary technical documentation to fulfill contractual requirements, quality procedures, design codes and statutory directives
- Commit to supporting our customers on site (including offshore) as required
- Create and maintain business system part numbers and product structure
- Work in a manner that protects the health, safety and welfare of yourself and others
- Ensure all HSEQ rules and regulations are communicated and enforced throughout the Organization
- Generates Qualification Test Plans and Reports to verify and validate design and performance against customer requirements
- Communicates with Manufacturing Engineers, QA, other Design Engineers, and Manufacturing regarding new and revised prints
- Responsible for the creation of new product designs and design improvements of existing products

Qualifications for design engineer

- Strong understanding of fundamental mechanical engineering principles and ability to apply principles flexibly in unfamiliar situations
- BS/MS/PhD in Mechanical Engineering, Transport Technologies or similar
- Ability to deliver results in a complex, fast-paced environment
- Works well in a team and is able to openly communicate in an honest and forthright manner with peers, interdisciplinary engineering groups, customers and vendors
- Appreciation of the automotive industry