



Example of Engineer, Design Job Description

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

Responsibilities for engineer, design

- Analyse test data and reports to determine if design meets functional and performance specifications
- Liaises with research and other engineering personnel and prepares design modifications as required
- Evaluates engineering test results for possible application to development of system or other uses
- Tool design and tools trials
- Use computer aided engineering derived test results for possible application or system development
- Provide cost down and process improvement support
- Represent the company in meetings with customers and conduct presentations
- Provide high quality technical reports
- Evaluate heat transfer calculations to determine temperature distribution and heat flow in insulated ducts
- Performing detailed design work for EQUIP Structures components, assembly layout, systems integration, configuration control, creating drawings and model based definition using Catia v5 within Enovia

Qualifications for engineer, design

- Four years post-secondary education with a Bachelor of Science degree in Civil Engineering or a related field
- EIT required, P.E

- Proficient in using Creo 3D computer aided design
- Working knowledge of Structural Analysis using first principles and FEA (ANSYS)
- Proficient use of Windchill