



Example of Lead Mechanical Engineer Job Description

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Our company is growing rapidly and is looking for a lead mechanical engineer. If you are looking for an exciting place to work, please take a look at the list of qualifications below.

Responsibilities for lead mechanical engineer

- Perform should cost analysis to ensure product designs meet cost requirements
- Design components to meet all applicable codes and standards including ASME B31 Piping codes and Boiler and Pressure Vessel codes
- Mechanically integrate pumps, blowers, valves, heat exchangers, and other components into a power plant package
- Communicate with suppliers to ensure tooling and processes align with design intent for new design launches
- Review supplier deviation requests and incorporate design for manufacturing feedback
- Lead root cause investigations
- Lead FMEAs on components and systems to determine largest risks to product success
- Produce validation test plans to ensure designs meet requirements
- Interface with structures and fluid analysts
- Developing and maintaining mechanical subsystem quality the quality of integration of these designs into the complete system with following GEHC quality procedure

Qualifications for lead mechanical engineer

- Proficiency in Unigraphics Nx2 and exposure to Ansys
- Experience in managing and integrating large scale high performance

- DoD 8570 required certifications for Linux a plus
- Master / Bachelor degree in mechanical engineering or similar study
- Good interpersonal skill, to work with internal project team and 3rd party developer, the ODM supplier