



Example of Embedded Hardware Engineer Job Description

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Our growing company is looking for an embedded hardware engineer. Thank you in advance for taking a look at the list of responsibilities and qualifications. We look forward to reviewing your resume.

Responsibilities for embedded hardware engineer

- Position will work in the Brake Product Engineering group supporting software and electronic needs for Pneumatronic (Pneumatic/Electronic) Equipment and Electronic brake control
- Work will involve all aspects of design, development, analysis, application, and testing of existing and new product designs
- Review and understand customer technical specifications and industry standards in regards to technical requirements (materials, qualification, and performance requirements) of the product
- Maintain design documentation as it relates to CMMI, ISO, IRIS, IEEE, EN and Faiveley WPT best practices
- Support and maintains requirements and traceability to those requirements
- Position will interface with customer interaction through Project Manager and Engineering Project Manager
- Position will also involve supporting manufacturing of designs through Assembly and Purchasing groups
- Position will manage the technical oversight of outsourcing of electrical and software designs
- Analyze and develop solutions for technical issues as it relates to product development
- Optimization of product performance requirements, cost, and reliability

Qualifications for embedded hardware engineer

- Master's degree in Electronics, Computer Science or similar
- Advanced English skills in communication (written and verbal form)
- Easily manages and understands existing architectures and designs
- Must have an Embedded Controls with a Power Background
- Results-oriented design engineer with experience in the development, integration, and test of advanced electronic systems