



Example of Fabrication Engineer Job Description

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Our company is looking to fill the role of fabrication engineer. We appreciate you taking the time to review the list of qualifications and to apply for the position. If you don't fill all of the qualifications, you may still be considered depending on your level of experience.

Responsibilities for fabrication engineer

- Design hardware, source components, develop schematics, manage layout, and test prototypes to validate hardware
- Design and manage build of complex vehicle wire harnesses
- Debug and Bringup of vehicle systems
- Ensures quality tools and procedures are sufficient for obtaining quality goals
- Maintain and update departmental labor standards for area of ownership
- Analyzes work flow in department, determining best layout for operating philosophy
- Provides cost estimates on new product for budget/planning
- Successfully maintain processes that produce parts that conform to internal and external specifications
- Monitor process yields and cost, recommend and implement quality improvements based on these metrics
- Ensure that all defects are analyzed through to root cause and corrective actions are implemented and sustained

Qualifications for fabrication engineer

- Working knowledge of applied statistics (SPC/DOE)
- Automotive component/system design
- Automotive electronics, hydraulics, pneumatics
- Strong hands on fabrication and assembly skills

