

Example of Design Electrical Engineer Job Description

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Our innovative and growing company is looking for a design electrical 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 design electrical engineer

- Prepare, review and submit technical specifications and proposals
- Prepare, review and submit light rails, locomotives and coaches electrical concept of low voltage and high voltage
- Create, update and manage redlines of Engineering/Manufacturing BOM
- Create and release engineering documents (redlines and BOM) via PDMLink, SAP and JDEdwards
- Experience working in a manufacturing environment, interfacing with factory workers, purchasing, communication with suppliers and customers, and interdepartmental interaction
- Create, validate and verify designs from customer high-level system or internal product requirements
- Provide support to new business proposal efforts and to direct technical personnel
- Apply principles and techniques of engineering to accomplish goals
- Establish and maintain effective communication with internal/external customers to facilitate problem identification/resolution
- Produce engineering documentation such as 3-D models and assemblies, Production Assembly Drawings (PADs), part requirement drawings

Qualifications for design electrical engineer

- B.C.s Electrical Engineering

- Requires a BS degree in Electrical Engineering from an accredited college with 1.5 years professional experience as a minimum
- Experience creating and modeling electrical schematics, evaluate design robustness by simulation and lab testing
- The Electrical Designer/Engineer must be able to work and think independently
- Ability to apply design/development tools as required (FMEA, 8D Methodology)