



Example of Engineer Electrical Job Description

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Our company is looking to fill the role of engineer electrical. If you are looking for an exciting place to work, please take a look at the list of qualifications below.

Responsibilities for engineer electrical

- Provides engineering design support to the non-engineering project team staff for mitigating electromagnetic interference from and carried by low / medium and high voltage electrical and power distribution systems
- Assist in-house project teams with the designs, specifications, and procedures for the installation, and integration of EMI/EMC compliance mitigation measures
- Performs quality assurance (QA) / quality control (QC) of electromagnetic mitigation systems at supported sites and ensures proper installation of specific mitigation measures
- Provides engineering input to the preparation of technical publications, including client report, technical papers and pamphlets
- Ensure adequate power to the site at all times (25 kV+)
- Track energy consumption (electrical and gas)
- Plan and supervise generating equipment
- Supervise construction plans and specifications
- Supervise operating and maintenance staff
- Decide on the type and arrangement of circuits, transformers etc

Qualifications for engineer electrical

- Working knowledge of design tools such as Altium, PSpice, MathCad
- Demonstrated strong leadership behaviors
- Experience with End of Life (EOL) and component replacement on a pcb that was part of an integrated system

- Three to five years' experience in system design with multiple types of electrical building systems