



Example of Senior Engineer Electrical Job Description

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Our growing company is looking for a senior engineer electrical. 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 senior engineer electrical

- Perform power systems studies for existing and proposed facilities in order to optimize electrical system reliability and personnel safety
- Carry out all calculations including cable design, lighting design and power system studies and to support equipment specifications (Fault levels, Voltage profile, Load studies, Power factor correction and Cable sizing)
- Develop the strategy for project execution and provide input into project schedules
- Compile information relating to existing SLDs and verify connected loads and supplies are accurate
- Prepare Survey reports and report progress
- Provide reports for the electrical engineering scope of a dedicated project
- Prepare material requisitions for modifications and/or replacement of major electrical equipment such as HV & LV switchboards, Transformers, Large Motor Drives, UPS systems, trace heating systems and other electrical equipment
- Review Suppliers quotations and prepare technical evaluations
- Review drawings and documents issued by other engineering groups
- Directing and overseeing the work of Consultants

Qualifications for senior engineer electrical

- Knowledge of C Language programming for embedded solution

- Collaborate in a cross-functional environment to develop requirements and specifications for new designs
- Develop mechanical design input with Vision and Mechanical Engineers
- Contribute towards system level designs