



# Example of Electrical Designer Job Description

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Our company is growing rapidly and is looking to fill the role of electrical designer. Thank you in advance for taking a look at the list of responsibilities and qualifications. We look forward to reviewing your resume.

## Responsibilities for electrical designer

- Conduct field verification and site surveys of the project sites prior to commencing design work
- Maintains records of all conceptual and detailed design work, 'as built" survey work
- Assists discipline engineers in preparation of technical comments on design submissions from Consultants and Contractors
- Retrieves process and Electrical drawings from archives, design office as required for the assigned project
- Experience with Microstation or AutoCAD , with the ability to develop, review and maintain electrical drawings (one-line drawings, ) and diagrams
- Production of design drawings / documents including but not limited to
- Provides electrical design support and conducts activities related to short- and long-term infrastructure planning and capital improvement construction projects
- Develop red-lining schematics and new plan set documentation for all electrical systems
- Update and modify existing drawing set as required
- Manage the creation, issuing and revisions of drawings & models

## Qualifications for electrical designer

- Shall be experienced in preparation of SLD, protection & metering diagram, cable schedule, interconnection diagram, panel schedule, gland selection,

- Exposure to hookup and construction site is considered as added advantage
- Candidate shall have good communication skills
- Diploma in Electrical Engineering Technology from a recognized College or University
- Knowledge of electrical analysis software