



Example of Electrical Designer Job Description

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Our growing company is searching for experienced candidates for the position 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

- Design schematics and wiring diagrams
- Design wire lists
- Design electrical system architecture
- Design systems schematics
- Coordination of MEP services with other disciplines to develop coordinated drawing sets
- Create and release data center electrical designs and collaboration with other disciplines to create a coordinated set of construction document
- Work with consultants, vendors and suppliers
- Work on concurrent projects in multiple geographical locations
- Provide coordination support for information requests during construction phases
- Be self-motivated and work within the group within other teams

Qualifications for electrical designer

- Experience with AutoCAD (CAD 3D or CADworks 3D is considered an asset)
- Knowledge of Electrical Power Distribution, Motor Control Centers, Canadian Electrical Code and Electrical Control Systems (PLC, DCS, instrumentation) are assets to the position
- Experience in technical report writing would be an asset
- Work well in a diverse team environment
- Ability to produce complex engineering drawings in a 2-D or 3-D environment

