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# Example of Electrical Engineering Technician Job Description

Our company is searching for experienced candidates for the position of electrical engineering technician. 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 engineering technician

* Works with the Mechanical Engineer on all matters associated with Power Production and Facilities
* Serves as an electrical engineering consultant on all electrical design aspects of assigned projects
* With limited guidance, coordinates the preparation of and reviews A&E statements of work (SOW)
* Keeps abreast of emerging technologies for programmed development
* Assists in the design, revision, layout, and requisition of plant machinery and equipment
* Works with outside contractors, suppliers, and field service personnel on installing, repairing, or commissioning of plant machinery and equipment
* Provides complete and accurate documentation of new installations and / or modifications to existing equipment
* Operates specialized testing and diagnostic equipment
* Escalation of workshop safety and environmental events
* Troubleshoot, repair, install, inspect, calibrate and replace electrical high –voltage, mechanical and electro-magnetic equipment, perform preventative maintenance on diesel electric locomotives

## Qualifications for electrical engineering technician

* Must possess experience in using Microsoft Office products to produce monthly reports, charts and Power Point presentations
* Knowledge of analog and digital symbol identification
* LINUX operating system experience able to run detailed procedures to configure Firmware and load Software, Test and Troubleshoot, RF Experience, and run Acceptance Test Procedures
* High school diploma or Technical (Military/ Trade School) Diploma/Certification and relevant experience
* Fundamental knowledge of network design and layout low voltage (copper/ fibre) cabling
* Position typically requires a two-year technical Associate Degree (automated manufacturing, electrical/electronic engineering technology, or other area of specialization) or equivalent and engineering experience