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# Example of Electrician Technician Job Description

Our growing company is searching for experienced candidates for the position of electrician technician. If you are looking for an exciting place to work, please take a look at the list of qualifications below.

## Responsibilities for electrician technician

* Repairs electrical systems including communications, overloads, lighting fixtures, for the purpose of ensuring proper/safe operation of equipment
* Repairs electrical systems including communications, overloads, lighting fixtures
* Consult with management concerning unusual problems and developments, as applicable
* Rebuilding, troubleshooting, repairing, and replacing AC and DC electrical motors
* Operate loading and unloading equipment such as overhead cranes, 100 ton coal car dumpers, ship loaders, conveyor belt systems and feeders, coal crushers and other equipment
* Diagnose, troubleshoot and repair electrical component malfunctions
* Diagnose and repair 3 phase voltage systems and control wiring
* Operate various hand and power tools, multi meters and meggers
* Repair electrical component malfunctions
* Perform electrical and mechanical repairs to pier equipment such as lighting and heating, including both low voltage and high voltage repairs

## Qualifications for electrician technician

* Requires the ability to operate a wide variety of tools such as hand tools, power tools, drill press, band saw
* Must have knowledge of mechanical systems including gear boxes, motors, air compressors, pumps, AC, DC, drive troubleshooting
* Adept in performing electrical installations, maintenance and repairs of motor control systems
* Must have experience working with 120VAC, 440VAC 28VDC control and power systems
* Knowledge of applicable state and federal codes and regulations pertaining to the electrical trade
* High school diploma or equivalency certification