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# Example of Maintenance Electrician Job Description

Our growing company is looking to fill the role of maintenance electrician. To join our growing team, please review the list of responsibilities and qualifications.

## Responsibilities for maintenance electrician

* Repair electrical systems and equipment by diagnosing malfunctioning apparatus, such as transformers, motors and lighting fixtures
* Complete required paperwork and documentation
* Perform mechanical maintenance on electrical such as lubes on systems, replacing bearings as needed and other miscellaneous mechanical functions required of the electrical system
* Perform emergency troubleshooting, repair and preventative maintenance on various process physical measuring systems such as pressure flow, temperature and other miscellaneous functions of physical measurement systems
* Perform emergency troubleshooting, repair and preventative maintenance on high voltage switch gear, cables and transformers
* Install conduit and wiring to facilitate new equipment
* Adjust, troubleshoot and maintain specialized electrical conduit as precipitators, voltage controls, DC motor voltage control and variable AC controllers
* Monitor plant HVAC system and other environmental controls
* Perform emergency troubleshooting, repair and preventative maintenance on programmable logic controllers, PC systems, networks and devices used in systems
* Assist Electrical Coordinator with the development of job standards and pre-maintenance procedures

## Qualifications for maintenance electrician

* Ability in reading and writing electrical schematics and ladder logic diagrams
* Ability to use limited technical data and instruction to perform above work described
* Industrial Journeyman State certification OR formal four year electrical apprenticeship
* Abiding by NFP 70E Arc flash regulations
* 3-5 years proven industrial electrician experience in a fast-paced lean manufacturing environment required
* Must hold a valid provincial certification as an Industrial Electrician License (442A or 309A)