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# Example of High Voltage Electrician Job Description

Our growing company is looking to fill the role of high voltage electrician. Please review the list of responsibilities and qualifications. While this is our ideal list, we will consider candidates that do not necessarily have all of the qualifications, but have sufficient experience and talent.

## Responsibilities for high voltage electrician

* Prepares equipment for repair or replacement parts
* Starts equipment following repair and tests performance in conjunction with other teams (Operations, MT, MIQA)
* Withdraws equipment, components, and materials from the stockroom inventory system and order materials from vendors as required
* Performs switching and maintenance in substations, switchyards, pad-mounted equipment and in underground vaults
* Installs new equipment, including conduit, wire, cable, pull boxes, transformers and for repairs and alterations in high voltage systems
* Install and maintain transformers, converters, regulators, cables, switches, circuit breakers, mechanical and electronic systems, and other circuit elements found in substations
* Dismantle and repair primary electrical equipment, replace sectionalizing box pot-heads, links and blown fuses
* Operates switches to isolate and remove defective components for repair
* Utilizes various measuring and testing instruments to work standard computations relating to load requirements of wiring and electrical equipment
* Maintain specified power plant equipment such as pumps, compressors, boilers, turbines

## Qualifications for high voltage electrician

* Documented Journeyperson certification in the electrical trade
* Ability to read and interpret technical manuals, mechanical and electrical drawings, engineering standards and applicable regulatory codes
* Able to operate small to medium size machinery such as Boom lift, scissor lift, fork lift, skid steer
* Performs all phases of installation, maintenance, repair and inspection of electrical and instrumentation systems
* Installs wire systems and rigid conduit
* Changes-out and repairs AC/DC electric motors and parts, relays, solenoids, and terminal strips