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# Example of Tech-Electrical Job Description

Our company is hiring for a tech-electrical. 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 tech-electrical

* In conjunction with EH&S this person will Evaluate new equipment/processes/chemicals for environmental impact/effect to eliminate or lessen such impacts/effects
* Participates and Leads the use of lean and Continuous Improvement tools in equipment designs and engineering systems
* Provide technical guidance / leadership to the equipment build team
* PSPI/CI/VIP opportunity identification and collation
* The successful candidate will support engineering staff with Hazardous Gas Leak Detection & Hypergolic Monitoring during task Operation, Maintenance, Testing, Evaluation, and Processing of flight and ground systems at Kennedy Space Center
* Comprehend and implement standard electrical work practices and guidelines to include those outlined by such organizations as the National Fire Protection Agency (NEC) and the IEEE to ensure a quality compliant product
* Perform work safely and contribute to a safe work environment
* Troubleshoot and repair plant / processing equipment electrical and control systems
* Analyze equipment failure data using statistical tools (Pareto, failure statistics, ...) and assess reliability
* Be able to provide functional guidance to the SNTTP programs in respect of any engineering issues that may arise

## Qualifications for tech-electrical

* Ability to work independently and also with others to accomplish goals and priorities
* Knowledge of NEC code requirements
* Education or prior experience in electrical or instrumentation field
* Experience with Rockwell and Siemens PLC, HMI, Drives hardware and software
* Knowledge of OSHA and NFPA 70E requirements
* Basic skill level in MS Office