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# Example of Relay Technician Job Description

Our company is growing rapidly and is hiring for a relay technician. If you are looking for an exciting place to work, please take a look at the list of qualifications below.

## Responsibilities for relay technician

* Pack and move from ground, trucks or platforms, equipment, hand tools and other materials
* Substation equipment commissioning and acceptance testing
* Troubleshooting - Assist crew member in determining causes of equipment failure
* Installation - Assist crew member in installing electrical equipment to meet company specifications
* Performs other duties as assigned, such as temporary system modifications, event retrieval for analysis, create automated testing procedures, and Root Cause Analysis investigations
* Complete the testing requirements of electrical meters and protective relays, both electromechanicals and microprocessors Schweitzer Engineering Laboratories (SEL)
* Recording and filing of test results
* Ability to work safely as defined by PG&E’s safety standards and procedures
* Load relay, PLCs, HMIs or other electronic devices and instrumentation with programs, firmware and settings
* Test the phase relation of overhead and underground lines, transformers, and relays

## Qualifications for relay technician

* Certified electrical engineering technologist with a focus/specialization in power systems, or journeyman power system electrician
* Registered or eligible to register with the Association of Science and Engineering Technology Professionals of Alberta (ASET) as a professional technologist (P
* Associate Degree in Electrical/Electronics or Applied Science with emphasis on Industrial Electrical Technology, OR
* DOT Medical Card certification required within 90 days
* 10+ years’ experience working with Electrical Power Systems required or demonstrated equivalent combination of education, skills, knowledge, abilities and experience
* Knowledge of Electrical Power System Protective Relaying including electro-mechanical relays (GE, Westinghouse, ABB), solid-state relays (Basler) and microprocessor relays (SEL) strongly Preferred