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# Example of Electronics Technician Job Description

Our growing company is looking for an electronics technician. 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 electronics technician

* Install, set up, and verify instruments on telescopes
* Perform engineering tasks at the direction of the Electrical Engineers and/or Observatory Electrician, including wiring, soldering, and troubleshooting electrical components
* Given inputs from the existing telescope schedules, customers, and management, help plan, document, monitor, and report the status of activities and projects, including instrument setups and tasks
* Perform cryogenic maintenance, such as cryogen transfer and vacuum insulation maintenance using turbopumps on scientific instrumentation
* Fabricate and repair both copper-based and fiber optic cable
* Review and update electronic technician procedure, inventory, and logging documents
* Participate in the troubleshooting of all the electronic systems located at the observatory, including complex computer, network, and electrical systems
* Install, maintain and monitor computer-based Direct Digital Control (DDC) system
* Calibration and maintenance of equipment of the SRA
* Establishing, with the staff Engineer, a systematic calibration schedule for all plant instruments and to enforce this schedule

## Qualifications for electronics technician

* Demonstrated work ethic and desire to excel at assigned tasks
* Have experience using electronic test equipment
* Be a highly motivated self-starter capable of working independently in group settings
* Associates Degree in an Engineering related discipline (Electronics, Engineering Technology, ) or equivalent professional experience
* Expertise with the use and operation of standard electronic test equipment
* Ability to take initiative in troubleshooting of issues