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# Example of Electrical Test Engineer Job Description

Our innovative and growing company is hiring for an electrical test engineer. To join our growing team, please review the list of responsibilities and qualifications.

## Responsibilities for electrical test engineer

* At least 3 or more years of experience in Automotive Electric & Electronic systems development (BCM, USM, Immobilizer, Power Supply, Diagnosis)
* Knowledge of Automotive E&E development
* Use electrical devices and instruments for above mentioned activities and test such as 13kV/50MW Loadbank, Switchgear, MCC, insulation tester, Bently Nevada simulator, function generator, process and pressure calibrator, power supply, oscilloscope, frequency meter, multimeter, clamp ammeter
* Utilize test equipment such as Oscilloscopes, Function Generators
* Create and update test procedures
* Create & develop VP test plans for dedicated Electrical (EESE and VEV Sign-Off) units
* Coordinating process improvement, cost reduction and/or defect reduction projects
* Analyze test system performance parameters to monitor system health
* Evaluate test results and develop test reports
* Support diagnosis of vehicle EMC issues and support modifications to the EMC facility

## Qualifications for electrical test engineer

* Develop and enforce safe plans of actions for all test and facility activities
* Project planning skills and experience in project coordination
* Experience in modeling tools, standards, and methodologies
* 1+ years of experience with axle assembly and gear manufacturing
* Work with the programs and Sign-off organization to get involved earlier in the planning process to support decisions on number of boards to build, part selection
* Or a Master Degree in Electrical Engineering or Computer Engineering with 1+ years’ experience