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# Example of Lead Quality Engineer Job Description

Our innovative and growing company is hiring for a lead quality engineer. To join our growing team, please review the list of responsibilities and qualifications.

## Responsibilities for lead quality engineer

* Maintain testing and analysis tools
* To control and assure throughout the whole manufacturing process good level of product quality starting from the incoming part quality, in process quality and final inspection
* Monitor manufacturing yield (FPY/RTY) on an ongoing basis to ensure objective target achievement and drive improvements when necessary
* Complete First Article Evaluation (FAE) when required on new products or parts per established process, communicate results and drive resolution for findings
* Complete Out Of Box (OBA) audit on an ongoing basis to ensure excellent customer first experience, communicate results and update log
* Initiate/facilitate improvement opportunities based on issues observed in manufacturing (low yield, major defects, potential safety issues )
* Coordinate stop ship/build activities when required by working with factory
* Investigate customer complaints related to manufacturing defects providing Corrective Action Reports for both internal improvements and customer satisfaction
* Lead/ facilitate 8D investigation, Prepare and provide 8D reports where requested
* Conduct QMS audit of manufacturing facilities per defined plan following corporate processes, provide audit reports and follow-up findings to closure

## Qualifications for lead quality engineer

* Understanding of Lean Manufacturing principles, experience with Kaizen events or experience with a continuous improvement program ACE Value Stream Mapping, 5S - Workplace Organization, Continuous Flow Manufacturing, Set-up Reduction, Total Productive Maintenance, Mistake Proofing
* 8+ years of related hands-on experience in software development and quality engineering
* Proven track record of driving quality focused on automation, building tools and QA testing
* Very hands-on in developing quality framework and test automation
* Strong in analytical problem solving skills and looking beyond what’s obvious
* Must have implemented and applied Continuous Integration (CI) successfully