



Example of Failure Analysis Engineer Job Description

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Our company is growing rapidly and is looking to fill the role of failure analysis engineer. 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 failure analysis engineer

- Ensure high quality and timely analysis of Failure Analysis requests including detailed reporting of failure analysis results
- Ensure efficient communication with several stakeholders internally
- Operate and gather data related HALT, thermal cycling, SIR and various mechanical tests such as pull, shear..etc
- Set up tests to check electrical continuity, gather data using DAQ cards or similar
- Design tests to ensure results obtained are specific to goals set
- Comply with time tracking procedures for all work performed
- Implement the failure analysis process for the plant W566 alignment of the process
- Prepare and maintain CMM programs
- Technical leader who can teach and instruct the production floor repair engineers
- Monitoring test stability and production yield with high coverage

Qualifications for failure analysis engineer

- BS/BA with 4+ years of related experience or MS/MA with 2+ years of related experience
- Familiarity with failure analysis and RMA processes
- Experience with R&D lab tests and equipment - Advantage

- Bachelor's degree from a four year university in Mechanical Engineering, Material Science
- With at least 5 - 8 years in printed circuit board assembly (PCBA) failure analysis to include but not limited to, PCB failures, component failures, solder joint failure analysis, and contamination analysis