



Example of Assembly Engineer Job Description

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Our company is growing rapidly and is searching for experienced candidates for the position of assembly engineer. We appreciate you taking the time to review the list of qualifications and to apply for the position. If you don't fill all of the qualifications, you may still be considered depending on your level of experience.

Responsibilities for assembly engineer

- Analyzes and evaluate cell physical data including dimensions of jelly roll and cell, and some cell cross sectional dimensions to determine direct and interaction effects of the machinery and processes under evaluation based on data collected in laboratory experiments and pre-production operations
- Analyzes operating procedures and functions of equipment and machinery to reduce time and cost of assembly manufacturing processes
- Provides engineering support to cell assembly electrodes production teams to resolve manufacturing process issues
- Work closely with other team members to increase understanding of failure modes, performance and life expectancy of cell products
- Applies principles and knowledge of chemical engineering to solve environmental problems
- Facilitate corrective action responses and drive preventive actions by evaluating solutions to solve root causes of problems relating to components, assemblies, and finished products
- Maintain robust Quality Management Systems based upon TS16949
- Provide support for seamless product launches
- Leader and Subject Matter Expert with deep domain knowledge in electronic assembly processes such as SMT, COB, Wave (PCBA), Press-fit, Flex circuits and associated Rel
- Partner with the Assembly line leadership team to drive process improvements

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- Preferably to have good knowledge in technically related areas (ATEX)
 - Identify new processes and technology to improve assembly cycle time, reduce quality defects and improve ergonomics
 - Develop business cases and conduct presentations for capital equipment
 - Develop technical skills of technicians and assembly leaders
 - Oversee contractors and vendors on equipment installation, redesign and trouble shooting
 - Troubleshoot assembly and manufacturing equipment including conveyors, automated welders, specialty automation and packaging equipment to ensure that assembly yield targets are met