



Example of Lead Product Engineer Job Description

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Our growing company is hiring for a lead product 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 lead product engineer

- Experience in creating and utilizing quality tools such dFMEA, DFA, Design Requirement Document (DRD)
- Support team goals and objectives for LEAN productivity and material cost productivity projects
- Identify, promote, participate in and lead process improvement projects
- Support and contribute to other functional teams within Product Line Engineering manage and plan technology investments, commercialize new products and lead complex or 1st time projects in co-operation with the regions
- Responsible for leading cross functional teams to execute small and medium projects meeting schedule, cost, and quality targets for medium voltage vacuum interrupters and solid dielectric insulation systems used in Recloser and Padmount switchgear
- Identifies creative solutions, performs engineering analysis, creates detailed designs, oversees verification and drives implementation of product cost savings, product improvement and/or engineering process improvement projects
- Works with the project leader and cross functional teams to develop project plans and identify risks
- Contributes creative design alternatives
- Analyzes results using statistical tools
- Collaborates with Supplier Quality Engineer to review results of PPAP

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- Must have strong design skills in single use plastic and/or metal disposable products with at least 5 years' experience using Solidworks
 - Ability to lead new product development activities including conceptualization and design controls (design verification, validation, process validation)
 - Hands on experience in assembling prototypes and bench top systems for test equipment
 - Working knowledge of internal combustion engines and air intake systems
 - Experience in complex bill of material coding
 - Experience with leading a team taking products from concept to launch