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# Example of Materials Engineer Job Description

Our company is searching for experienced candidates for the position of materials 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 materials engineer

* Select material handling equipment to support lean manufacturing parts delivery
* Responsible for participating on and leading lean team events
* Manage projects and provide leadership throughout the entire materials organization
* Manage PFEP, EN and broadcast database
* Participate in New Model Launch activities to create optimal material strategy
* Lead associates responsible for PFEP and Data management
* Apply Engineering and Materials knowledge to relevant manufacturing processes both external and internal to optimize end to end manufacturing process
* Collaborate with Source, Procurement, Research & Development, Engineering and Operations functions to identify and lead materials related engineering projects ensuring optimum manufacturing process in terms of Quality, Service and Cost of Goods Sold (COGS)
* Own projects in the Materials Engineering area for Metals (Bar-Stock)
* Identification, valuation, planning, organizing, execution, and coordination of quality, delivery and value improvement projects at key, strategic metals suppliers

## Qualifications for materials engineer

* Proficiency with diverse joining technologies
* Bachelor’s degree in Welding Engineering is preferred
* Bachelor’s degree in Materials or Chemical Engineering is preferred
* Degree Qualification or equivalent in Material Sciences/Chemical Engineering
* Experience in an operations environment in a Material Science Function within a Medical Device Company or similar industry
* Extensive Statistical Engineering Expertise (SPC, DOE )