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# Example of Engineer Materials Job Description

Our company is searching for experienced candidates for the position of engineer materials. Thank you in advance for taking a look at the list of responsibilities and qualifications. We look forward to reviewing your resume.

## Responsibilities for engineer materials

* Plans and executes tasks and deliver results on schedule
* Develop and optimize test methods for material characterization and analytical chemistry for product development projects
* Support cross-functional development projects, translating ideas and concept through feasibility and prototypes to manufacturing
* Represents the organization as the prime technical contact and interact with external partners/ suppliers
* Participate in cost-saving opportunity identification and evaluation
* Participate in supplier qualification for raw material selection and conduct/coordinate tests on raw materials in order to ensure quality and regulatory compliance
* Works under minimal direction toward established long-range goals and objectives
* Mentor and train junior team members and foster a collaborative work environment
* Supervise the site tests, such as soil compaction, concrete slump, moisture content, aggregate, gradation, paint thickness, bolt torque, and concrete coring
* Approval of manufacturing documentation and product definitions

## Qualifications for engineer materials

* Knowledge of Aluminum, Nickel, Titanium, Physical Metallurgy
* Ability and willingness to travel (international and domestic) 30% of the time
* Experience with Chromatography, Mass Spectrometry, ICP-MS or Spectroscopy instrumentation
* Knowledge of Six Sigma and other quality management tools
* Demonstrated initiative and creativity is a must
* 5 years experience minimum in a manufacturing or engineering environment