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# Example of Chemical Engineer Job Description

Our company is growing rapidly and is looking to fill the role of chemical engineer. Thank you in advance for taking a look at the list of responsibilities and qualifications. We look forward to reviewing your resume.

## Responsibilities for chemical engineer

* Collaborate with quality and marketing groups to help resolve escalated customer support issues
* Performs trial verifications, mass trials or pilot studies to confirm quality of new products, materials or process improvements
* Provides technical support to the manufacturing departments to solve production problems related to parts and/or process design for yield and quality improvement
* Coordinates directly with suppliers to provide quality parts and services
* Assists in designing hand tools, jigs, in order to improve quality and efficiency of production
* Optimize process capability through statistical analysis and makes recommendations for product and process specifications, plant or lab equipment capabilities and procedures
* Responsible for high purity, new process scale-up and transition to manufacturing activities
* Manage finished goods and raw materials performance utilizing strong SPC discipline
* Update accounting asset ledgers annually
* Identify significant maintenance expenditures needed to ensure the long term reliability of the TPA facilities

## Qualifications for chemical engineer

* Good mechanical aptitude with 1-2 years of engineering experience is preferred
* Experience in project management, wastewater treatment, pulp bleaching, or air emissions scrubbing is a plus
* Small office environment with up to 35% travel required
* Bachelor’s Degree in Chemical Engineering from an accredited college or university within the previous 12-month period
* Or currently working towards a Bachelor’s Degree in Chemical Engineering from an accredited college or university with expected graduation by August 31, 2017
* MS or PhD Degree in Chemical Engineering or applicable science from an accredited college or university within the previous 12 month period