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# Example of Chemical Job Description

Our growing company is looking to fill the role of chemical. 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 chemical

* Maintain log of readings, lab results, shift production requirements and equipment issues to record daily activity and provide for adequate shift relief
* Initiate work requests, perform minor maintenance within capabilities and prepare equipment for maintenance
* Prepare equipment for maintenance work such as locking out equipment, preparing permits and verifying equipment
* Notify supervision, maintenance, engineering and other auxiliary personnel regarding equipment malfunctions and troubleshoot process issues as needed
* Performs material handling operations
* Prepare chemical batches
* Determine most effective arrangement of unit operations such as mixing, blending, coating, milling, grinding, screening, cooling, shaping, polymerizing, and chemical synthesis
* Develops understanding of and relationship with internal and outsourced development partners on chemistry and chemical engineering design and development
* Operates chemical packaging equipment
* Perform chemical analyses, according to ASTM specifications and Laboratory procedures, on routine samples which include raw materials (coke, coal, breeze, ) and steel

## Qualifications for chemical

* Ability to perform math necessary to scale batches and convert inches in a tank to pounds of material to gallons of material
* Ability to troubleshoot equipment and solve technical problems
* Capable of climbing stairs
* Must be able to lift and dump 50 lb bags into reactor opening
* Must be able to wear all required PPE including occasional use of full face respirator
* Must be able to observe safety rules and practices and wear all safety-related equipment required by the specific task being performed