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# Example of Research & Development Technician Job Description

Our innovative and growing company is hiring for a research & development technician. We appreciate you taking the time to review the list of qualifications and to apply for the position. If you don’t fill all of the qualifications, you may still be considered depending on your level of experience.

## Responsibilities for research & development technician

* Maintain a close communication with the R&D organization originating the request, with the Prototyping organization to coordinate efforts
* Maintain a safe R&D lab environment by taking on active safety roles in the R&D lab
* Support R&D and analytical chemists with lab operations such as synthesis, purification and analysis
* Independently synthesize small volume chemicals to meet customer demands
* Routine operation of analytical instruments such as GC, GC-MS and FTIR
* Independently conduct various routine operations such as synthesis, purification and analytical processes
* Follow the guidelines and best practices related to lab notebooks, data storage and backup
* Write work instructions, communicate experimental summary and conduct safety reviews
* Prepare materials for mixing if required
* Exhibit excellent safety leadership in the workplace, consistent with company and site HSE goals

## Qualifications for research & development technician

* Be responsible for experimental setup, troubleshooting, and analytical sampling and testing
* Associate’s Degree or higher in chemistry, science or engineering
* Ability to wear personal protective equipment (PPE) as is required by the operating areas
* Leadership to drive plans to execution within the chartered team
* 3+ years experience with scaling up synthesis to KG scale and above is a major plus
* Familiar with the handling of hazardous and pyrophoric chemicals including both gases and liquids