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# Example of Process Senior Engineer Job Description

Our company is looking to fill the role of process senior engineer. To join our growing team, please review the list of responsibilities and qualifications.

## Responsibilities for process senior engineer

* Utilize this knowledge to effectively support root cause analysis, process validation, implementation of process improvements, and improvements in process control strategies
* Lead a small group of engineers and/or technicians on an ongoing or project basis
* Function as a technical expert on equipment or systems
* Lead initiatives and/or projects
* Ensures proper sequence of operation
* Develops process specifications, distillation columns, pressure vessels, pumps, compressors, heat exchangers, and fired heaters
* Provide engineering leadership in the design, development, and implementation of automation technologies and packaging equipment
* Design mechanisms and sub-assemblies of varied machine and tooling systems
* Develop Statement of Requirements for production equipment
* Manage suppliers to insure project requirements are communicated and achieved

## Qualifications for process senior engineer

* At least 3 years of experience in a cGMP manufacturing environment or biologics process development
* Bio-process development experience is highly desirable
* BS in Mechanical Engineering or related science or technology
* B.E / B.Tech Chemical Engineering or Process Engineering Experience with a different branch specialization with 8 to 10 yrs of experience in Process design engineering, working at various levels of an engineering project starting form Basic Engineering, FEED and EPC (Greenfield / Revamp projects)
* Experience from Refinery, Oil & Gas, LNG, Petrochemical and Utilities & Offsites will be an advantage
* Should be proficient in technical software like, HYSYS, PRO-II, AspenPlus, Flaresim, Flarenet, Pipesim Hysys / AspenPlus / Pro-II / Flaresim / Flarenet / Pipesim