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# Example of Process Senior Engineer Job Description

Our growing company is searching for experienced candidates for the position of process senior engineer. To join our growing team, please review the list of responsibilities and qualifications.

## Responsibilities for process senior engineer

* Manage multiple medium to large process automation projects concurrently
* Develop and implement necessary SOPs
* Provide an engineering-based validation review and input for CAPAs
* You will develop piping and instrumentation diagrams (P&ID’s) together with piping and mechanical engineers, calculate pipe diameters and pressure drops in pipes and piping systems for single-phase and multiple-phase flows
* You will be required to act as (sub) lead engineer
* You will be capable of handling medium sized projects (> 20 000 man hours) and be able to lead medium sized teams with proven success track record
* You will be required to develop process flow diagrams to define heat and material balance, process specifications, distillation columns, pressure vessels, pumps, compressors, heat exchangers, and fired heaters
* Identify and scope process test work
* Define the process design criteria
* Identify process flow sheet and equipment options for aspects of the process flow sheet and undertake trade off studies to resolve options

## Qualifications for process senior engineer

* Minimum 5 years of experienced in Electronic Manufacturing Assembly
* Good understanding of printed circuit board design
* Familiarity with IPC standards and PCB design guidelines
* Experience using CAMCAD tools
* Ability to work in teams or independently, action-oriented and possess strong drive for results
* Select the equipment for projects