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# Example of Staff Product Engineer Job Description

Our innovative and growing company is hiring for a staff product engineer. To join our growing team, please review the list of responsibilities and qualifications.

## Responsibilities for staff product engineer

* Develop, validate, and start up manufacturing operations that meet team objectives for product quality, cost, and performance
* Provide all documentation and specifications for process and equipment including drawings, process specifications IPQA specifications, and troubleshooting guide
* Actively participate in setting overall project objectives, direction and contributing in other functional areas as needed
* Coordinate other support activities as required
* Review DFX, including manufacturability, cost, and quality
* Interface with design team and wafer fab
* Communicate with off-shore CM teams
* Review pilot-production test data (Process Validation, EVT and DVT)
* Review and validate product cost targets
* Work with definition and design engineers to understand product function and then develop a test plan to validate the performance over the necessary process, voltage, and temperature variants

## Qualifications for staff product engineer

* Creates and presents reports related to design, reliability, maintenance problems, SW bugs, projects and escalations to the relevant factory groups
* Creates and updates documentation for field service engineers and customers
* Support reported product issues by the field service engineers via problem reports
* Participates and leads as required Knowledge Management activities to share learning worldwide in order to expedite solutions, reduce repeat issues, escalations and improve cycle time closure
* Responsible for customer betas including installation, qualification, milestones, technical requirements, training and certification of local teams / customer
* Provides support to engineering and service products both at the factory and in the field