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# Example of Engineer, Mfg Job Description

Our company is growing rapidly and is searching for experienced candidates for the position of engineer, mfg. 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 engineer, mfg

* Document all equipment related activities to assure compliance with CLIA/CAP and ISO 13485 requirements
* Integrate the operations and oversight of equipment for molecular biology and genomics with existing LIMS systems and custom equipment management scripts
* Code, test and implement custom workflows on automated liquid handling systems, optical plate readers and sequencers
* Create and execute validation protocols for all new and modified equipment, software and instrument interfaces
* Serve as the primary point of contact for internal and external equipment providers
* Ensure that all work performed by external contractors is completed and documented in accordance with the site quality system
* Led efforts to develop external equipment qualification, support, and maintenance procedures
* Support activities between Product Engineering, Operations AME, and Quality and Manufacturing Assurance team
* Supports functional interaction with supplier quality assurance, transitions, material productivity, cost reductions for assigned products or groups
* Lead the Singapore MES Centre of Excellence initiative with the following objectives

## Qualifications for engineer, mfg

* Minimum of two years of direct job experience in quality assurance in a manufacturing environment
* Bachelor’s level degree in Engineering or related field required
* Minimum 5-7 years relevant experience with process controls including programming, troubleshooting, calibration, and optimization
* Manufacturing plant experience in production/quality assurance/support strongly preferred
* 3-5 years engineering experience in projects/maintenance work strongly preferred
* Experience with Rockwell Hardware and development software platforms