Downloaded from <https://www.velvetjobs.com/job-descriptions/software-quality-engineer>

# Example of Software Quality Engineer Job Description

Our growing company is searching for experienced candidates for the position of software quality engineer. 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 software quality engineer

* Provides status updates to manager and core team on timely fashion
* Software Quality Assurance Assessments (Internal Audits)
* Continually provide feedback on quality standards and improvement opportunities by conducting Software Quality Assurance Process Assessments & Release Milestone Reviews
* Analyze data from software development teams – spot trends and process improvement opportunities
* Support internal and external audits and reviews from other business units, organizations and customers
* Responsible for reviewing and approving engineering and design disclosure documentation, ensuring that all requirements are captured in the documents
* Tasked with keeping the Software Quality Lead abreast of status and issues
* Participating in the development of system-level and component-level verification strategies for complex, distributed, medical device software applications
* Participating in the creation and execution of System Verification plans
* Assessing complex software designs and reviewing test and other complex performance data

## Qualifications for software quality engineer

* Experienced in software metrics collection/reporting/analysis
* ASQ certification (CQE, CSQE, CQA, MOQ/QE, Six Sigma Black belt or Lean) preferred
* Ability to deliver effective technical presentations and work extended hours as required
* 5+ years of experience and familiarity with NASA flight programs involving Human –related spacecraft / launch vehicle systems and domains such as rocket engine propulsion control
* Engage in detailed requirements and design
* Develop high quality test cases from complicated requirements documentation