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# Example of Advanced Quality Engineer Job Description

Our innovative and growing company is searching for experienced candidates for the position of advanced quality engineer. If you are looking for an exciting place to work, please take a look at the list of qualifications below.

## Responsibilities for advanced quality engineer

* Prepare and communicate supplier APQP workbooks, Tooling Status reports and Open Issues lists (as appropriate) to the program team
* Serve as core team member on new product development / 3P teams
* Develop and ensure that program goals including quality and reliability are met in compliance with specifications and standard work
* Identify gaps and create closure plan for quality and reliability targets
* Utilize various tools to evaluate the effectiveness of AQP including Gemba, management reviews, internal audits, feedback from internal and external customers, warranty data, and traceability
* Lead teams/projects related to compliant investigation, CAPA (especially systems root cause and corrective action), cost reduction, and quality system excellence
* Lead Risk Management activities for low volume customer-specific instruments and implants
* Support design, development and manufacturing of robotic systems, software and instruments
* Develops Quality Assurance Plans for new products
* Lead risk management activities for robotics by developing risk management plans/reports, conducting risk reviews, verifying implementation and effectiveness of risk controls and driving post market activities

## Qualifications for advanced quality engineer

* Mechanical or Electronics Engineer
* Must be able to read and interpret complex engineering drawings and have a good understanding of geometrical dimensioning and tolerance
* Bachelor Engineering Degree (Mechanical Engineering, Manufacturing Engineering, Electrical Engineering or Materials Science or equivalent)
* Partner with engineering to define design verification and validation test requirements that will ensure appropriate objective evidence is available to support the acceptance criteria
* Complete or contribute to the completion of final design verification and design validation test reports by providing clear concise conclusions with statistical validity and graphical support when necessary
* Utilize standard statistical analysis and problem solving techniques as necessary to determine product acceptance limits, establish process parameters, resolve quality problems