



# Example of Senior Design Quality Engineer Job Description

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

## Responsibilities for senior design quality engineer

- Performs hands-on Software SOI (Stages of Involvement) audits
- Requires to perform Root Cause analysis investigations and implement Corrective Actions
- Participates in Process and/or Quality Improvement Projects
- Travel to support customer or supplier related business trips, as needed
- Support Engineering quality system/process build up within Chiller Solutions engineering
- Build and continuously improve DFMEA process flow chart (project DFMEA and template DFMEA), roles & responsibility, DFMEA BOS documentation and DFMEA database
- Facilitate to create and review DFMEA's for Chiller Solutions Product Teams
- Manage the proper linkages between the DFMEA and other processes (CC&SC, PFMEA, Test Plan, Control Plan)
- Facilitate lessons learned from past or ongoing product issues back into Design Rules, DFMEA, Reliability Test Plan and other documents as necessary so as to be considered in future
- Support warranty reduction initiatives by facilitating corrective actions with product engineering teams focused on the resolution of top design attributed warranty issues using advanced statistical analysis, problem solving techniques and Quality tools

## Qualifications for senior design quality engineer

- Effectively write communications that ensures clarity, accuracy and consideration of the audience
- Speak with clarity and express points of view in a variety of settings
- Listen to others
- Analyze using systematic analysis tools that include Six Sigma, root cause, failure analysis and risk assessment to gather critical information and diagnose
- Hands on experience with software driven electromechanical devices
- Knowledge on six sigma tools and minimum 1 year of practical experience in using Six Sigma tools