



Example of Metrology Engineer Job Description

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Our growing company is searching for experienced candidates for the position of metrology engineer. To join our growing team, please review the list of responsibilities and qualifications.

Responsibilities for metrology engineer

- Responsible for manufacturing and QC process design, including machinery selection and automation level selection, example Cmm, laser scanning system, vision control system, manual equipment, Build strong business case along with development or improvement concept
- Develop in-depth expertise in the area of electrical and pneumatic instrumentation including the applicable control system interfaces
- Defines, develops and implements Quality Engineering strategies, which contribute to the campus strategic directions
- Develops and maintains QA plans and timeliness of global new product introductions utilizing Advanced Product Quality Planning and Process Optimization specific to the customer
- Evaluates and provides input to inspection processes via inspection aids and instruction guidelines
- Develops appropriate systems for document storage, access and review pertaining to global customer accounts
- Reviews all supplies, internal, and customer discrepancies, coordinate and track the effectiveness of corrective/proactive action efforts
- Conducts periodic review and maintenance of all documentation files
- Reviews all supplier or customer discrepancies
- Participates in the vendor survey activities as applicable

Qualifications for metrology engineer

- Knowledge of mechanical inspection methods and tools used to determine product acceptance
- Provide measurement system analysis on parts
- Support design engineering on new development projects
- Lead continuous improvement initiatives focused on ensuring processes and techniques are aligned with future business needs
- Be able to communicate effectively on deviations to specifications