



Example of Metrology Engineer Job Description

Powered by www.VelvetJobs.com

Our company is hiring for a metrology engineer. If you are looking for an exciting place to work, please take a look at the list of qualifications below.

Responsibilities for metrology engineer

- Program leadership on Smartscope and CMM
- Test mechanical features using coordinate measuring machines (CMM), video-based inspection and measurement equipment
- Drive the qualification of new measurement and testing equipment
- Consult and guide site/supplier end users on training and maintenance of new fixtures and equipment
- Oversee Calibration Schedule, Uncertainty Budget and Maintenance activities for measurement equipment
- Static and Dynamic repeatability studies for Measurement Fixtures, Manufacturing Tooling and Inline Measurement Gauges
- Validate single part, sub-assembly and full assembly measurement plans to ensure data coordination throughout the vehicle build
- Schedule and provide work requirement for special investigations, defining datum scheme, fixture/part holding, measurement sequence and selection of measurement tool
- Support Quality, Production and SPC Team with development of quality processes to improve reaction time and visibility of measurement data
- Coordinate build events with measured parts for using complex gauges, ensuring documentation of parts and oversee measurement activities

Qualifications for metrology engineer

- Develop method of "gauge" evaluation to consider, calibration frequencies, gauge life, fit for purpose

- Demonstrated project management experience in the metrology field is strongly preferred
- Prior experience and training in medical device quality systems
- Previous experience working in GxP laboratories is preferred
- Developing knowledge of the basic principles in various engineering disciplines