



Example of Metrology Engineer Job Description

Powered by www.VelvetJobs.com

Our company is hiring for a metrology engineer. Thank you in advance for taking a look at the list of responsibilities and qualifications. We look forward to reviewing your resume.

Responsibilities for metrology engineer

- Interfaces with all departments as applied to the Policies and Procedures
- Driving the understanding of new overlay metrology technology and measurement techniques to ensure that our measurement capabilities meet the technical device roadmaps
- Working closely with process development and process integration engineers to optimize overlay measurements for multiple device process flows and stacks
- Evaluating new overlay metrology tools and technologies to determine the best performance and cost of ownership
- Optimizing and maintaining the calibration of overlay metrology systems
- Collaborating with Photo Engineering and the Scribe/Frame Engineering group to help layout metrology mark designs
- Develop mechanical measurement systems and fixtures for closure systems, ophthalmic medical devices, molds, mold inserts, gages, and plastic and metal parts and components
- Lead validations, change control and root cause analysis
- Ability to write analytical reports and provide sound rationale for investigations
- Perform mechanical testing, analyze data and prepare reports

Qualifications for metrology engineer

- Proficient in set-up and operation of inspection equipment

- A minimum of a BS in Optics, Physics, Engineering or equivalent technical degree is required
- A minimum of 6 years of work experience in the industrial, technical or research environments with a Bachelor's degree is required or a minimum of 4 years of work experience in the industrial, technical or research environments with an advanced degree (MS, PhD,) is required
- Experience working measurement systems is required