

Metrology Technician

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Metrology Technician with 2 years of hands-on experience in precision measurement and calibration. Proven ability to utilize advanced measuring tools to ensure product compliance with stringent industry standards. Adept at maintaining documentation, supporting engineering teams, and enhancing quality control processes to drive operational excellence.

📌 Santa Monica, CA

1. Measures products against blueprint specifications using calipers, micrometers, and programmable equipment.
2. Records variable and attribute data accurately on various products, ensuring compliance with specifications.
3. Calibrate and maintain precision measurement instruments for accuracy.
4. Perform routine inspections and tests on measurement equipment.
5. Conducts start-up PPAP and first piece inspections to validate product readiness.
6. Provides dimensional measurement support across the organization to meet production goals.
7. Maintains timely PPAP commitment dates to support production schedules.

📌 Portland, OR

1. Performed calibration and maintenance of electronic test instruments in a clean-room environment.
2. Conducted electronic calibrations of pressure gauges and threaded fittings, ensuring accuracy.
3. Supported the metrology department's operations, enhancing overall equipment reliability.
4. Executed preventive maintenance and calibration on four-point probes and CV systems.
5. Engineered new product test samples, collecting data and communicating results effectively.
6. Operated CMMs and OGP's for functional testing and quality assurance.

📌 Seattle, WA

Focused on precision measurement and quality control methodologies.

7

- 🌟 Successfully reduced calibration errors by 15% through improved measurement techniques.
- 🌟 Streamlined documentation processes, enhancing data accuracy and retrieval time by 20%.
- 🌟 Contributed to a 10% increase in production efficiency by optimizing measurement protocols.