



Metrologist: (Aerospace)

We are seeking a highly skilled Quality Metrologist with expertise in ASME and ISO measurement standards to join our aerospace team. The ideal candidate will have a quality engineering background, extensive experience with various inspection tools, and proficiency in CMM programming. Experience with Zeiss Calypso is preferred though not essential. Proficiency in profilometers and surface finish inspection equipment, including contour measurements, is highly desirable.

Key Responsibilities:

- Develop and implement metrology processes to ensure compliance with ASME and ISO measurement standards.
- Perform precision measurements using micrometers, calipers, gauges, optical measurement systems, and other inspection tools.
- Conduct surface finish inspections and contour measurements using profilometers and specialized equipment to ensure adherence to aerospace specifications.
- Program and operate Coordinate Measuring Machines (CMM), preferably using Zeiss Calypso or comparable software.
- Execute first article inspections (FAI) and measurement system analysis (MSA) to validate product quality.
- Interpret Geometric Dimensioning and Tolerancing (GD&T) per ASME Y14.5 standards.
- Collaborate with quality engineers and manufacturing teams to resolve measurement discrepancies and improve processes.
- Maintain calibration records and ensure all measurement equipment is properly certified.
- Support root cause analysis and corrective actions related to metrology and inspection processes.
- Assist in audits and compliance checks for AS9100 and other aerospace quality standards.

Qualifications & Experience:

- Bachelor's degree or equivalent experience in Quality or Mechanical Engineering, Metrology, or a related field.
- 3+ years of experience in metrology, quality engineering, or precision inspection within the aerospace industry.
- Strong knowledge of ASME and ISO measurement standards.
- Hands-on experience with CMM programming, preferably Zeiss Calypso, but other experience is acceptable.
- Expertise in GD&T, MSA, and Gauge R&R studies.
- Familiarity with aerospace quality requirements (AS9100, ISO 9001).
- Experience with profilometers and surface finish inspection equipment, including contour measurements.
- Strong analytical and problem-solving skills.
- Excellent communication and teamwork abilities.

Preferred Skills:

- Experience with non-contact measurement systems (e.g., laser scanning, optical comparators).
- Knowledge of statistical process control (SPC) and data analysis techniques.
- Ability to develop inspection plans and improve measurement methodologies.

PMW Aero is an Equal Opportunity Employer:

Employment decisions are made without regard to race, color, religion, national or ethnic origin, sex, sexual orientation, gender identity or expression, age, disability, protected veteran status or other characteristics protected by law.