CMM Engineer

Hiring organization
JOBCHAT HR SERVICES

Employment Type
Full-time

No. of Position
2

Duration of employment
Full Time

Industry
Manufacturing

Job Location
Rajkot – Gujarat

Working Hours
09:00AM To 06:00PM

Valid through
15.08.2026

Description

Responsible for dimensional inspection and validation of machined components using Coordinate Measuring Machines (CMM),
development of inspection programs, analysis of measurement data, and ensuring compliance with customer specifications and quality
standards. Support continuous improvement initiatives and maintain measurement system integrity within the CNC machining environment.

Responsibilities

CMM Programming & Inspection
• Develop, optimize, and validate CMM programs using software such as:
o Zeiss Calypso
o Gear Pro
• Perform first-piece, in-process, gauge, fixture, and final inspections of precision machined components.
• Interpret engineering drawings, GD&T requirements, and customer specifications.
• Conduct dimensional layout inspections as per Ballooning Drg.

Quality Assurance
• Verify product conformity against customer drawings and standards.
• Prepare inspection reports, FAI reports, and dimensional layouts.
• Support customer audits and quality audits.
• Investigate dimensional non-conformities and implement corrective actions.
Measurement System Management
• Maintain CMM equipment calibration and preventive maintenance schedules.
• Maintain Lab Document (Temperature, Humidity record, SOP etc..) as per standard.
• Ensure measurement traceability and compliance with quality standards.
Process Improvement
• Analyse quality trends and recommend process improvements.

• Collaborate with Production, Manufacturing Engineering, and CNC Programming teams.
Documentation & Compliance
• Maintain inspection records and quality documentation.
• Ensure compliance with:
o ISO 9001
o IATF 16949 (if automotive)
o Customer-specific requirements

Technical Skills
• Strong knowledge of GD&T (ASME Y14.5 / ISO GPS).
• Expertise in CMM programming and operation.
• Experience with precision measuring instruments:
o Micrometres
o Vernier Callipers
o Height Gauges
o Bore Gauges
o Surface Roughness Tester
• Understanding of CNC machining processes:
o Turning
o Milling

o VMC
o HMC
o Multi-axis machining
• Basic Knowledge of SPC, MSA, APQP, PPAP, and Root Cause Analysis tools.

Qualifications
Diploma / B.E. / B.Tech in Mechanical Engineering, Production Engineering, or related field.

Contacts
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