

Tube Processing Corporation

<https://tubeproc.com/job/cmm-operator/>

CMM Operator

Description

Position Overview:

The CMM Operator develops gauges and surface plate layout techniques, operates CMM equipment, inspects a variety of complex parts and tools, and provides inspection reports of findings as required.

Essential Job Functions

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- Analyzes complex parts by comparing part with blueprints or sketches, and devises techniques necessary to measure specified dimensions
- Layout and surface plate inspection
- Develops programs for CMM machines to inspect complex dimensions and relationships. Verifies accuracy of program
- Analyzes defective parts to determine reasons for dimensional variations such as faulty machining, assembly procedures, setup, tools, or fixtures
- Maintains records of inspection results as required for internal paperwork or any verification/certification required by a customer
- May assist Quality Engineer in developing all aspects of the inspection plan for new and existing product

Requirements

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- Must have a minimum of 3 years of CMM inspection experience and demonstrate during an interview as needed
- Associate's degree or equivalent from two-year College or technical school, in a related field, and 3 years inspection experience; or six years of related experience and/or training; or equivalent combination of education and experience
- Demonstrated ability to read and correctly interpret complex engineering drawings, including a thorough understanding of geometric dimensioning and tolerancing (GD&T)
- Ability to read, analyze, and interpret technical procedures, customer specifications, and regulations
- Ability to work with mathematical concepts such as fundamentals of plane and solid geometry and trigonometry
- Proficient in the use of micrometers, test indicators, height gage, and other manual layout instruments to complete first article inspections, or as a means to verify CMM results
- Ability to apply concepts such as fractions, percentages, ratios, and proportions to practical situations
- Ability to carry out written or oral instructions
- Ability to define problems, collect data, establish facts, and draw valid conclusions
- Understanding and working knowledge of Windows based PCs and related applications, especially MS Office
- Ability to lift a minimum of 25 pounds
- Work overtime as needed to support demand
- Maybe required to do cross training (gagecrib/calibrations/scanning/etc)

Employment Type

Full-time

Date posted

March 15, 2021

- Communication skills a must: communicate with engineering/Quality/customers as required and good written communication skills as communications will be verbal and email
- Ability to train other inspectors as needed

Additional Requirements

- Adhere to rules and regulations of a FAA Safety Sensitive Position
- Attendance critical - must not have exceeded 30 points in the past 6 months
- Ability to pass an assessment test for micrometers, calipers, height gages, drawing interpretation and shop math