

Tube Processing Corporation

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CMM Operator

Date posted

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Description

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

Essential Job Functions

- 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

- Must have inspection experience.
- 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 specification, 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.

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.

