JOB TITLE: Quality Control Technician/CMM Programmer

Job Summary:

The Quality Control Technician is responsible for the programing of Coordinate Measuring Machines (CMM's), developing quality control plans, and inspection record sheets. The individual is responsible for the inspection of precision machined parts by using a variety of precision inspection equipment. The employee will be required to use this equipment effectively to verify conformance to blueprint and process specification requirements. The role is to define effective and efficient actions allowing to detect and contain quality issues, as well as to correct and prevent them.

Job Responsibilities:

- Program CMM's (Preferred experience with Zeiss Calypso)
- Perform inspections across various stages of production.
- Inspect parts and audit products according to quality and process standards. Inspection can be performed through visual, layout, dimensional, or non-destructive tests.
- Ensure the compliance or report non-conforming parts/procedures.
- Provides support to production, identifies problems in manufacturing & assembly process, communicate within the team to provide solutions.
- Train operators in the best quality practices.
- In-house verification of inspection equipment.
- Contribute to improving quality through quality improvement plans.
- Assist in the investigation and disposition of Non-conforming material.
- Assist in gathering data, compiling information, and assisting management in the development of metrics and reports.
- Maintain inspection reports, First Article / Final Inspections, and ISO documentation.

Job Requirements:

- High School degree or equivalent required.
- Able to program CMM's (Preferred experience with Zeiss Calypso)
- Inspection of precision machined parts including reading blueprints, material, and part specifications, and interpreting geometric dimensions and tolerances.
- Maintain a working area in a neat and orderly manner.
- Maintain effective working relationships with fellow employees.
- Self-starter requiring minimal supervision.
- Effective teamwork, interpersonal, and communication skills.
- Good written and verbal communication skills.
- Willing to work overtime as required.
- Follow and support James Tool's AS9100 & ISO9001 processes

Knowledge, Skills & Abilities:

- Computer skills - Microsoft Office.
- Experience with at least one Metrology software (Calypso, PC-DMIS, CAM2 or Polyworks)
- Must have prior knowledge of blueprint reading and interpreting detailed drawings.
- Proven knowledge of micrometers, calipers, digital height gages, go/no-go gages, thread pitch gages, etc.
- Basic understanding of a quality systems (QMS), documentation, and implementation to ISO/AS Standards.
- Ability to works closely with operators, machinist, and production supervisors to convey pertinent quality related information.
- Ability to identify areas for quality improvement and implement new methods/processes accordingly.
- Previous machining experience is a plus.

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