

**Job Title:** Quality Inspector II

**Department:** Quality

**Reports:** Quality Manager

**Education:** High School diploma or equivalent; AA/AS degree desirable

**Experience:** Minimum technical school / 3 years CMM programming experience / 4 years of work experience in Quality Assurance field; or 10 years work experience Quality Assurance field.

Quality Inspector II ensures the quality of the parts produced meet all customer expectations and quickly and effectively takes action when nonconformances are found. Reports problems or inconsistencies to the supervisor; works with minimal instruction making decisions related to job. Possesses an increased level of experience and knowledge with manufacturing processes, and the ability to produce and validate CMM programs.

**Position Responsibilities:**

- Work under the direction of the Quality Control Supervisor.
- Understands and, when needed, interprets engineering drawings, schematic diagrams, or formulas and confers with management or engineering staff to determine quality and reliability standards.
- Mentors junior inspection personnel in inspection methodology.
- Able to create and develop programs for use with Coordinate Measuring Machine (CMM) running Calypso software.
- Sets up and operates CMM using pre-existing inspection programs
- Verify and validate CMM programs per our quality procedure which sometime will include a secondary inspection method.
- Inspects hardware using standard inspection tools
- Reads and understands aerospace specifications including ISO9001 and AS9100, military specifications, industry specifications, and manufacturing instructions.
- Performs inspections and record inspection data associated with First Piece Inspections, First Article Inspections, Receiving Inspections, Final Inspections, and Work-in-Process Inspection
- Verify first article packages for completion and accuracy prior to submitting to Quality Engineer.
- Controls and maintains paperwork, documents, certifications and records
- Ensures nonconforming material is processed according to procedures and dispositioned in a timely manner.
- Assists in maintaining IM&T equipment to ensure calibration is performed in a timely manner, and that lost, damaged or out-of-service equipment is properly accounted for and controlled according to procedure.
- Work closely with other departments to ensure on time delivery
- Demonstrates accountability
- Performs other duties as required.



**Experience and Skills Required:**

- Technical school plus 7 years of inspection and CMM experience, preferably in the aerospace / defense industry; or total of 10 years of inspection experience.
- VSM (Value Stream Mapping) experience of production hardware is a plus
- 5S experience required.
- Advanced knowledge of Machining, Painting, Sheet Metal, and Welding practices
- Effective in dealing with multiple priorities and simultaneous projects
- Basic math and analytical skills
- Must be able to read blueprints and have knowledge of GD&T
- Must be able to understand customer specifications and AS9100 specifications
- Demonstrate good written and verbal communication skills
- Problem solving, leadership, communication, and decision-making skills
- Computer and software proficiency including MS Office applications

**Job Conditions:**

- Factory environment. Must be able to lift to 50 lbs.
- Occasional work outside normal business hours
- Necessary time commitment to achieve mission
- Travel as required, customer/vendor visits, seminars, conferences, etc.

Quality Manager: \_\_\_\_\_ Date: \_\_\_\_\_

Human Resources: \_\_\_\_\_ Date: \_\_\_\_\_