

## Quality Control Manager

**1. JOB MISSION:** To manage the quality control department while promoting, developing, and overseeing the compliance of the quality system. To effectively assure compliance of customer requirements by performing quality control functions, as well as Quality Assurance functions as necessary, of CNC machined parts, weldments and assemblies produced in house as well as inspection of incoming parts materials and/or services from outside vendors, while also monitoring the quality control inspectors.

### 2. WORK PERFORMED / RESPONSIBILITIES:

- Manage and maintain the quality inspections and product release procedures.
- Communicate with other managers to coordinate timely inspections and operations.
- Communicate with customer and vendors regarding non-conformances, corrective actions, documentation requirements and other relevant matters.
- To perform visual and dimensional quality inspections, such as first piece inspections, in process inspections, and final inspections, in accordance to the Quality Management System.
- Operate CMM, optical comparators, and all other inspection tools as needed to generate accurate inspection reports.
- Review CoC and other documentation as needed to ensure quality of parts, materials and/or services received from outside vendors.
- Generate reports and data entry.
- Analysis and completion of final inspection reports
- Ensure accuracy and organize documentation of the inspections performed.
- Raise flags to the appropriate personnel whenever a nonconformance is suspected.
- Set up & Monitor the QC room – cleanliness, organization, humidity, temp, etc.
- Ensure compliance to the prescribed QMS processes.

### 3. REQUIRED EXPERIENCE & ABILITIES:

- Ability to read & interpret mechanical blueprints \ drawings.
- Understanding of Geometric Dimensioning and Tolerancing (GD&T) & methods of inspection
- Experience measuring parts with various hand tools such as calipers, height gages, micrometers, etc.
- Ability to research and understand technical specifications (customer specifications, military specifications, ASTM, ANSI, ISO, etc.).
- Computer literacy, & familiarity with Microsoft Excel.
- Must be good at basic math skills, geometry, learning, memory, problem solving.
- Able to work independently as well as in a team.
- Time management skills.
- Attention to details.
- Managerial Experience

### 4. EXPERIENCE & ABILITIES DESIRED:

- Experience measuring parts with optical comparator
- Experience with operating CNC CMM
- Knowledge of programming CNC CMM using MCOSMOS software
- Awareness/knowledge of processes related to CNC, milling and turning, sheet metal fabrication, metal coatings, paint, heat treatment.

### 5. INTERFACES: Production, Operations and Warehouse