



JOB DESCRIPTION

JOB TITLE: Quality Assurance Inspector

JOB CODE:	EXEMPT/NON-EXEMPT: Non-exempt
REPORTS TO: Quality Assurance Manager	DEPT.: Quality Assurance
DEPT. APPROVAL: VP-GM	DATE: 06/04/2021
MANAGER LEVEL:	EEO CODE:

BRIEF POSITION SUMMARY:

Primary duties involve performing dimensional and visual inspection of aircraft components, assemblies, and tooling for workmanship and conformance to design documentation in 2D or 3D format. Requirements are to be interpreted from design / process drawings, procedures, specifications and Engineering Definition. Products to be reviewed will primarily be composite tooling, composite molded components / assemblies but may also include sheet metal details and machined [metal] components.

DUTIES and RESPONSIBILITIES:

- Conduct, document, and analyze data from inspection on tooling, parts, and assemblies to verify product conformance and provide result reports and non-conformance reports as required
- Established criteria and performs operations for Model Based Definition inspection utilizing Solidworks, CATIA, Polyworks files, and software for laser tracker instruments with probing and scanning capabilities, (Leica or FARO preferred)
- Maintain quality departmental documentation, in written and computer formats, supporting inspection, certification reviews and nonconformance reporting
- Perform Non-destructive testing (NDT), using applicable methods to verify the structural integrity of composite structures. Evaluate and interpret NDT scans of composite and metallic materials
- Coordinate corrective action with operations, purchasing, production control and liaison engineering
- Interfaces with engineers, peers, or internal customers for assistance and identification of requirements to resolve manufacturing related process problems
- Participate in company internal audits as required to support quality management system goals
- Identifies opportunities for improving processes, procedures, or equipment

*The company reserves the right to add or change duties at any time

EDUCATION, EXPERIENCE, and QUALIFICATIONS:

- Education: Bachelor's degree. Industry experience applicable to the position will be considered in lieu of degree
- Experience: Minimum of 5 years current experience in aerospace manufacturing/production facility or associated MRO related industry preferred
- Experience operating Laser Tracking Systems and optical scan systems desired, Leica/FARO preferred
- Proficiency in verbal and written technical communication, and ability to work from written or verbal instructions
- Ability to Read and Interpret engineering drawings, military and industrial specifications/standards, working knowledge of Geometric Dimensioning and Tolerancing programming
- Computer skills with proficiency in MS Office, Solidworks, Polyworks, and CATIA software including basic CAD skills related to import/export of file formats supporting CMM and PCMM equipment
- Employee must possess or acquire and maintain Level I Non-destructive test certification by passing required certification written/practical examinations with qualifications based on SNT TC-1A, ATA 105, and NAS410 criteria
- Able to effectively communicate with management, peers and external parties
- Ability to prioritize and organize work flow
- Able to take initiative and execute assigned tasks in a timely and flawless manner
- Strong teamwork acumen with a profound ability to work under extreme pressure
- Strong passion for working in a fast paced and result oriented environment
- Must be a U.S. citizen
- Ability to obtain and maintain a U.S. Security Clearance at the appropriate level (requires U.S. Citizenship)
- Holds and able to maintain a valid U.S. Driver's license
- Must pass pre-placement drug screen and background investigation

PHYSICAL REQUIREMENTS:

- Must be able to sit/stand for extended periods – 9 hours minimum
- Physically able to handle items weighing up to 40lbs unassisted
- May be exposed to high level noise, dust, and vibration and chemical fumes (within OSHA limits)
- Continuous use of both hands including grasping, pulling, and pushing
- Walking and balancing on even and uneven surfaces
- Must be able to stoop, kneel, climb, bend, crawl, and be able to reach overhead and below the shoulder
- Able to work in a non-climate controlled environment