

THE NORDAM GROUP
Job Description – Technical Nonexempt

Job Title: NON-DESTRUCTIVE INSPECTOR A

Summary Statement:

Applies advanced technical skills and knowledge in conducting thermal imaging, radiographic, penetrant, ultrasonic, magnetic particle or other nondestructive tests of nonmetallic or metallic aircraft structural parts and components that are used in operational aircraft applications. Ensures the new or repaired product meets company, customer and FAA specifications and standards.

Essential Functions and Key Responsibilities:

Performs nondestructive inspection of metallic and nonmetallic components that are moderately complex to complex requiring experience and judgment to determine plans and action from standard procedural alternatives. Works under general supervision adapting procedures to meet work requirements. Priorities are determined by management.

Reviews test orders to determine type of test required, test procedures to follow, and the acceptability criteria as defined by the Federal Aviation Administration (FAA), customer or Company process specifications.

Sets up and calibrates the equipment to ensure the inspection will yield accurate results. Determines test equipment settings according to type of part, material, thickness, distance from test equipment, and related variables.

Operates thermal, ultrasonic or other imaging equipment and observes video monitor screen to perform nondestructive inspection of metallic and nonmetallic components and parts for flaws, cracks, voids, discontinuities and presence of foreign object debris or other imperfections.

Reviews and interprets images on the video monitor of the components and parts to identify imperfections or debris. Examines film when conducting radiographic tests to locate structural or welding flaws. Determine if the part meets or exceeds the acceptability criteria of the prescribed process specifications.

Marks inspected parts to indicate defective areas. Evaluates test results against designated standards. Prepares reports outlining findings and conclusions.

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Ancillary Job Functions and Responsibilities:

Performs other duties as required. These duties may include assignments in departments and job classifications other than the primary assignment.

Date: 07/17/06

Job Code: PM137

WC Code: 3076

EEO Class: 6B

Census Code: 874

Pay Level: PM J

File Path: F:\Shared\comp_ben\approved job descriptions\Nondestructive Inspector-A.doc

JOB QUALIFICATIONS:

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Formal Education, Training and Work Experience:

Experience may be substituted for the formal education and training requirements in this section at the discretion of management. Associate level degree in inspection technology and four (4) or more years of experience as an inspector aerospace mechanic, bonder or other like production job or equivalent combination of education and experience. Experience should be in the aerospace industry is preferred.

Level of Supervision Required:

The level of supervision required described here is representative of those that must be met by an employee to successfully perform the essential functions of this job. Works under general supervision. Work is reviewed for completion to quality standards and schedule requirements. May adapt techniques and tools to meet special needs with approval from management.

Special Skills, Licenses or Job Requirements:

Demonstrate competency in applying the following in performing normal job duties.

- Advanced knowledge and applied skill in non-destructive and in-process inspection.

- Attain Level 2 Certification non-destructive Inspection processes.

- Working knowledge of AS9100 and ISO9001 Quality Systems.

- Ability to communicate both written and orally with departmental and production supervision.

- Proficient in the use of Microsoft programs (Word, Excel and Access)

- Read, write and speak English to read and interpret manufacturer's specifications and manuals.

- A good understanding of sheet metal, composite materials, wood veneers, laminates and finishes.

Special Training and Behavioral Competencies:

- Safety training as required by OSHA.

- Complete the required NORDAM University training for all Stakeholders.

- Comply with The NORDAM Group Leadership Competencies for Stakeholders.

- Ability and willingness to assist and transfer technical knowledge to less experienced Stakeholders.

Physical Requirements:

The physical demands described here are representative of those that must be met by a Stakeholder to successfully perform the essential functions of this job. While performing the duties of this job, the Stakeholder is regularly required to use hands to finger, handle, or feel and reach with hands and arms. The Stakeholder frequently is required to stand, walk, and talk and hear. The Stakeholder is occasionally required to sit; climb or balance; and stoop, kneel, crouch, or crawl. The Stakeholder must occasionally lift and/or move up to 50 pounds. Specific vision abilities required by this job include 20/20 vision in one eye, corrected, and close vision, color vision, and ability to adjust focus. Must be able to ascend and descend stairs. Overtime is a requirement of the job. Must be able to work in excess of eight hours per day and five days per week.

Work Environment:

The work environment characteristics described here are representative of those a Stakeholder encounters while performing the essential functions of this job. While performing the duties of this job, the Stakeholder is frequently exposed to fumes or airborne particles and toxic or caustic chemicals. The Stakeholder is occasionally exposed to moving mechanical parts. The noise level in the work environment is usually loud.

Mental Requirements:

The mental characteristics described here are representative of those a Stakeholder encounters while performing the essential functions of this job. Work in stressful situations and handle multiple priorities. Demonstrate interpersonal, organizational and communication skills to interact effectively with other people, inside or outside the Company.