



Job Family: NDT Inspector Level 2
Job Title: NDT Inspector

3rd Shift (10:30 pm – 07:00 am)

Business Propulsion Technologies International, LLC
(GE Aviation & Safran Aircraft Engines Joint Venture)

Business Segment Aviation Component Repair

About Us: Propulsion Technologies International, LLC is a joint venture between GE Aviation & Safran Aircraft Engines. Both GE & Snecma are world leaders in the design and manufacture of aircraft engines, propulsion systems, & aircraft equipment. We offer complete support and resources for the CFMI OEM Family.

Propulsion Technologies International, LLC is a Center of Excellence for MRO Component Repair for CFM56, GE and Safran Helicopter Engines.

This could be your opportunity to join the exciting aviation industry in a fast-paced, challenging and rewarding environment!

We offer a unique opportunity to make a significant contribution to our growing company. We have a strong policy of promoting from within and we place a high priority on the development and education of our people. For more information, please visit us at www.ptechi.com

Position Title **Job Family: NDT Inspector Level 2**

Location Miramar, FL 33027

Hiring/Reporting Mgr Business Leader

Function Production

Propulsion Technologies International, LLC is an Equal Opportunity Employer, offering a great work environment, challenging career opportunities, professional training and competitive compensation.

Role Summary/Purpose

Perform non-destructive tests (NDT) on aircraft engine components. Inspect metallic and nonmetallic materials, parts and assemblies for discontinuities or defects using automated and manual methods and techniques including liquid penetrant and magnetic particle. Understand and follow PTI policies and procedures.

Essential Responsibilities

Level I PTI: Include the following as applicable to the department:

- Ensure that flight safety is our permanent essential concern.
- Maintain communication with the Production Leaders.
- Maintain a clean working environment.
- Follow the work instructions and regulations.
- Participate in team EHS, quality, lean audits and meetings.
- Participate in flow walk presentations.
- Comply with all applicable quality, health, safety and environmental regulations.
- Perform NDT Inspection of aircraft parts to ensure compliance per specified requirements at the incoming, in process and final stages of the process using NDT inspection tool.
- Perform one NDT discipline inspection of one product line.
- Verify all information on P.O. and inform customer service and engineering department of any discrepancies regarding P/N, S/N or Quantity.
- Receive guidance or supervision from a certified Level II or III when necessary.

Level II PTI: In addition to all Level I duties and Responsibilities, a Level II include the following as applicable to the department:

- Perform multiple NDT discipline inspections of one product lines or perform one NDT discipline in multiple product lines.
- Perform NDT inspections in accordance with the scope and limitations of the technique/method used.
- Develop work instructions from approved general procedures to be submitted for NDT Certified Level III for approval.
- Write reports in word, excel and power point.
- Lead and positively influence others in a team based environment.
- Actively participate in team events and work related activities.
- Assist in training, evaluating, and signing all OJT training related forms for new or lower level employees-
- Assist engineering with creating and modifying tools and fixtures
- Assist engineering personnel in testing and evaluating equipment.
- Assist engineering in new process development and lean projects
- Participate in customers presentations.
- Other duties may be assigned.

Qualifications/Requirements

NDT LEVEL 1	TABLE 1	
NDT discipline	CLASSROOM HRS	PRACTICE HRS
Liquid penetrant (FPI)-ALL	16 hrs	130 hrs
Magnetic Particle (MPI) – LLP only	16 hrs	130 hrs

PTI INTERNAL TRAINING

NDT LEVEL 2	TABLE 1	
NDT discipline	CLASSROOM HRS	PRACTICE HRS
Liquid penetrant	32 hrs	400 hrs
Magnetic particle	32 hrs	530 hrs
NDT LEVEL 2	TABLE 2	
NDT discipline	CLASSROOM HRS	PRACTICE HRS
Liquid penetrant	32 hrs	400 hrs
Magnetic particle	32 hrs	530 hrs
Eddy Current – LLP & FBC	80 hrs	800 hrs
NDT LEVEL 2	TABLE 3	
NDT discipline	CLASSROOM HRS	PRACTICE HRS
Liquid penetrant	32 hrs	400 hrs
Magnetic particle	32 hrs	530 hrs
Eddy Current	80 hrs	800 hrs
Ultrasonic – Blades, TMG	80 hrs	800 hrs
Radiography *- Blades, TMG, LLP, BVC	80 hrs	1000 hrs
Radiation safety	16 hrs	200 hrs

*Personnel performing radiography shall have an additional 16 hours of classroom training on radiation safety

Level I: Requirements:

- A high School diploma, GED or technical school.
- A minimum of 0-2 years of NDT related experience and/or training (education) (aviation preferred).
- Flexibility to work first, second, split, or third shift and weekends is required.
- Ability to read, write, speak, understand and communicate English.
- Basic Computer knowledge with ability to review online documents.
- Ability to demonstrate knowledge and understanding of basic math skills.
- Basic verbal, written and interpersonal communication skills.
- Ability to interpret data including business metrics and technical information (ex Blueprint).
- Ability to retain procedures and work instructions from trainer.
- Working knowledge of lean principles.
- Basic knowledge with measuring tooling (micrometer, gages..) is required.
- Proficient computer skills required for the job.
- Completed Classroom training and OJT requirements for one or more methods.

- Ability to read, understand, interpret and implement technical procedures in the ESM, SBs, ADs, FARs, EAs, CDRs., and proprietary procedures.
- Proficient computer skills required for the job.

Level II: In addition to all Level I requirements:

- A minimum of 2-5 years of NDT related experience and/or training (education) (aviation preferred).
- Completed classroom training and OJT requirements for one or more NDT methods.
- PTI NDT certificate required on one or more NDT methods.
- Strong analytical skills to use data to make operational decisions.
- Able to retrieve information, train and transfer knowledge to team members.
- Ability to lead and positively influence others in a team based environment.
- Take ownership of working areas and implement improvements with minimum supervision.
- Ability to write reports in word, excel and power point.
- Thoroughly familiar with the scope and limitations of the technique/method used.

Physical Demands

NDT inspectors must meet the following vision requirements:

- Near Vision: 20/25 (Snellen) at 16" (42 cm) ± 1" (2.54 cm) or equivalent in at least one eye, natural or corrected.
- Color perception: personnel shall be capable of adequately distinguishing and differentiating colors used in the process involved.

The physical demands described here are representative of those that must be met by an employee to successfully perform the essential functions of this job. Reasonable accommodations may be made to enable individuals with disabilities to perform the essential functions.

While performing the duties of this Job, the employee is frequently required to sit and stand. The employee is regularly required to use full range of motion of their upper and lower extremities. The employee must regularly lift and /or move up to 10 pounds, frequently lift and/or move up to 25 pounds and occasionally lift and/or move up to 50 pounds.

Work Environment

The work environment described here is representative of a typical work place condition that the employee may be working in. Reasonable accommodations may be made to enable individuals with disabilities to perform the essential functions.

While performing the duties of this job, the employee may be exposed to chemicals, noise, varying temperatures, and other work place hazards. However, Propulsion Technologies International has established process, procedures, and protective equipment to reduce or eliminate exposures to these hazards and full compliance is a requirement of the job.

All qualified applicants will receive consideration for employment without regard to race, color, religion, sex, sexual orientation, gender identity, national origin, disability or veteran status.