



## Product Quality Engineer

**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](http://www.ptechi.com)

**Position Title** **Product Quality Engineer**

**Location** Miramar, FL 33027

**Hiring/Reporting Mgr** Business Leader

**Function** Quality

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**

The Product Quality Engineer will demonstrate accountability for functional, business, and broad company objectives. In this role you will integrate and develop processes that meet business needs across the organization, manage complex issues within functional area of expertise, be involved in long-term planning, and contribute to the overall business strategy.

## **Essential Responsibilities**

- To make the client voice shared and understood within the assigned repair units / cells
- Stimulate continuous improvement in our processes and support or lead continuous improvements projects using appropriate methodology
- Guarantee suitable performance by ensuring the cells uses suitable tools, methods and behaviors
- Promote Quality policy and Quality goals, monitor and report quality indicators for the assigned cells
- Maintain a simple and widely used quality system and facilitate, train, and coach team members in the use of Quality and Repair Station Manuals, Procedures and Work Instructions
- Provide guidance to the cell to ensure product conformity and quality system compliance for the assigned cells
- Provide guidance to the cell to ensure compliance with all applicable regulations (FAA/EASA Part 145, CAAC), customers requirements, specifications and standards (AS9100)
- Audit of areas of responsibility for compliance to regulations, specifications, and standards
- Establish the climate that encourages an open two-way channel of communication whereby employees exchange ideas / suggestions and share information
- Provide quality leadership and direction to perform root cause analysis and preventive/corrective actions when necessary and check for effectiveness and efficiency of preventive corrective actions.
- Instruct Customer complaints and Warranty claims, provide root cause analysis, corrective actions, and objective evidence and document it as required by the Customers
- Mentor Engineers and provide Quality leadership, advice, training and requirements and standards interpretation
- Provide direct Quality support to Industrialization activities and repair operations
- As the training program coordinator, monitor and ensure compliance with PTI Training Program and continuously improve the training program by capturing all employees and leaders needs and benchmarking best practices within the shareholders networks

## **Qualifications/Requirements**

- Bachelor's Degree from an accredited university or college
- A minimum of 5 years of experience in Quality or Mechanical Engineering in Aerospace industry
- Green Belt Certification in Lean Sigma
- Experience of FAA Part 145, 43, 121, 65, or 21
- Expertise in problem solving methods such as 8D, Fast 8D, 5 why's, DMAIC...
- At least 5 years of technical knowledge in aircraft engine components repairs and process operations or equivalent experience
- Strong oral and written communication skills
- Proficient in Microsoft Office

## **Desired Characteristics**

- Additional leadership experience in the areas of Repair Operations, Industrialization, or Quality is preferred
- Have a general understanding of the following processes : surface treatments (chemical cleaning, stripping, blasting, high pressure water jets...), plasma spraying, conventional machining, CNC machining, TIG welding, EB Welding, brazing tooling design, painting, shot peening, heat treatments, general blending, dimensional inspection, CMM inspection, NDT (FPI, MPI, X-Ray)...
- Have a significant experience and expertise in at least one of the process listed above.
- Black Belt certification in Lean Sigma is a plus
- Strong interpersonal and leadership skills
- Strong project management skills and success in leading cross-functional teams

*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.*