

# Moises Jr. Plamiano Alarcon

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## OBJECTIVE:

To ensure the challenging position within company that utilizes my education, enrich my experience and develop my abilities most especially in Non Destructive Testing.

## QUALIFICATION:

- Degree of Electronic and Communication Engineering
- Non-Destructive Testing:
  - Digital Xray
  - Radiographic Testing
  - Fluorescent Penetrant Testing
  - Ultrasonic Testing
  - Magnetic Particle Testing
- Radiation Safety Officer ( King Abdulaziz City Science and Technology, Saudi Arabia)
- Radiation Protection Permit ( Saudi ARAMCO, Saudi Arabia )

## EDUCATIONAL ATTAINMENT:

College:	Camarines Sur Polytechnic Colleges Naga City	
	<b>Bachelor of Science in Electronics and Communication Engineering</b>	<b>2002-2008</b>
Secondary:	Tabgon High School, Tabgon Caramoan Camarines Sur	<b>1998-2002</b>
Primary:	Tabgon Elementary School, Tabgon Caramoan Camarines Sur	<b>1992-1998</b>

## WORK EXPERIENCE:



### Pratt & Whitney Ngpf Manufacturing Company Singapore Pte. Lt

51 Seletar Aerospace View 797506

### NDT Inspector

June 2022 – Present

- Certify Level 2 in Fluorescent Penetrant Testing in different kind of Fan blades and Turbine Disk in Pratt & Whitney Engine using Auto Line Method D Ultrahigh Sensitivity.
- Perform specific calibration, NDT and specific evaluation for acceptance or reject accordance with applicable code and standard.
- Perform daily, weekly, quarterly checks and monthly performance check of machine.
- Conduct training for new hires for NDT field.
- Performing detailed Inspection and measurement of turbine disc.



### Rolls-Royce Singapore PTE. LTD

1 Seletar Aerospace Crescent 797565

### NDT Inspector

August 2016 – June 2022

#### Duties and Responsibilities

- Certify level 2 Radiographic Testing using Digital Xray or filmless Inspect according standard the Fan blades in Rolls-Royce Engine. Using Rhythm Review 5.3 Software.
- Perform Fluorescent Penetrant Testing in different kind of Fan blades in Rolls-Royce Engine.
- Perform Geometric Optical Measurement Inspection using Polyworks.
- Perform daily, weekly, quarterly checks and monthly performance check of machine.



### GE Aviation Engine Services - Singapore

23 Loyang Way Singapore 508726

### NDT Inspector

October 2011- July 2016

#### Duties and Responsibilities:

- Certify Level 2 in Radiographic Testing Digital and Conventional X-ray machine of aircraft components incoming, in process and final inspection of High-Pressure turbine Blades accordance with applicable code and standards.
- Perform Fluorescent Penetrant Testing of aircraft components high pressure turbine blades, low pressure turbine blades and vanes in accordance with applicable code and standards.

- Perform scheduled maintenance and daily, weekly, quarterly checks and monthly performance check of machine.

**Quality Control Services Co. Ltd.**

P.O. Box 4607, Al-khobar 31952 Kingdom of Saudi Arabia

**NDT Inspector**

August 2009 – August 2011

**Duties and responsibilities**

- Conduct Radiographic Testing using DWDI, DWSI, SWSI, Panoramic and Super impose technique.
- Ultrasonic Thickness Measurement of Plates, Pipes and Tubes using pulse echo, contact and manual technique.
- Conduct Lamination check and thickness gauging of coil prior to Rolling from coil to pipes, to ensure the quality of all produced pipes.
- Carried out Radiography Testing for Pipe line of various diameters and pressure vessels using suitable techniques.
- Magnetic particle inspection of ferrous materials by using visible and fluorescent methods.
- Liquid penetrant testing of both ferrous and non-ferrous materials by using visible and fluorescent methods.
- Radiography testing of butt weld joints of tanks, pressure vessels, pipelines of different diameters by using suitable techniques.

**TRAINING & CERTIFICATE ATTENDED:**

<b>Certification of:</b>	<b>Certification No.</b>	<b>Date:</b>
<ul style="list-style-type: none"> <li>• <b>Liquid Penetrant Testing Level 2</b> Qualified perform NDT Level 2 As per NDTQ &amp; PWMS NDT -02</li> </ul>	Cert no. PWMS-2022-002	22 September 2022
<ul style="list-style-type: none"> <li>• <b>Liquid Penetrant Testing Level 2</b> Qualification Accordance with RPS 928 The South West School of NDT</li> </ul>	Cert no. 25164	01 October 2021
<ul style="list-style-type: none"> <li>• <b>Liquid Penetrant Testing Level 1&amp;2</b> AMS 2644 Classification Type I &amp; II Penetrant with Method A,C &amp; D Removal and Form a and d Developer The South West School of NDT</li> </ul>	Cert no. 25157	01 October 2021
<ul style="list-style-type: none"> <li>• <b>Digital Radiography Level 1 &amp; 2</b> The South West School of NDT Accordance with EN4179[RPS928]</li> </ul>	Cert no. 62872/75440	11 November 2016
<ul style="list-style-type: none"> <li>• <b>Digital Radiographic Testing level 2</b> QCWI AG088, Training ,Qualification and Certification of NDT Personel, NAS 410/prEN4179 latest revision. GE Aviation, Engine Services- Singapore</li> </ul>	Cert. no. 0010	09 May 2016
<ul style="list-style-type: none"> <li>• <b>Radiographic Testing Level 2</b> PCN/AERO A0 (Latest issue) Perform Advanced Radiographic Testing Level 2 (WDA Competency Code : AR-CCU-213E-10). SETSCO SERVICES PTE LTD. Singapore</li> </ul>	Cert. no. 16677	13 November 2013
<ul style="list-style-type: none"> <li>• <b>Radiographic Testing Level 2</b> ANSI/ASNT CP – 189 Edition and SNT-TC-1A Edition 2016 Quality Control Services Co. Ltd</li> </ul>	Cert no. QCS/006/Cert.039/RT	15 July 2010
<ul style="list-style-type: none"> <li>• <b>Penetrant Testing Level 2</b> ANSI/ASNT CP – 189 Edition and SNT-TC-1A Edition 2016 Quality Control Services Co. Ltd</li> </ul>	Cert no. QCS/006/Cert.021/PT	13 March 2010
<ul style="list-style-type: none"> <li>• <b>Magnetic Particale Testing Level 2</b> ANSI/ASNT CP – 189 Edition and SNT-TC-1A Edition 2016 Quality Control Services Co. Ltd</li> </ul>	Cert no. QCS/006/Cert.21/MT	28 February 2010
<ul style="list-style-type: none"> <li>• <b>Radiographic Testing Level 2</b> SNT-TC-1A Edition 2016 APEX Engineering Services</li> </ul>	Cert no. N0848-2009-RTLII120-0002	22 June - 10 July 2009
<ul style="list-style-type: none"> <li>• <b>Ultrasonic Testing Level 2</b> SNT-TC-1A Edition 2016</li> </ul>	Cert no. N0793-2009-UTLII120-0002	01 June – 19 June 2009

- APEX Engineering Services
- **Positive Identification Materials** Cert no. SC 20110213-184 07 November 2010  
Thermo Scientific-USA & Hillsborough – Saudi Arabia
  - **Advanced Ultrasonic testing Inspection** 12-14 October 2010
    - Ultrasonic phased array and TOFD
    - Manual, semi-automated and Ultrasonic Inspection
    - Corrosion Mapping
    - Pipeline girth weld

**ORGANIZATIONS:**

Member of American Society for Non-destructive testing, Inc (ASNT) in Saudi Arabia  
Member of Institute of Electronics and Communications Engineers of the Philippines Inc.(IECEP)

**PERSONAL IDENTIFICATION:**

BIRTHDATE : September 20, 1984  
AGE : 39  
CIVIL STATUS : Married  
NATIONALITY : Filipino  
RELIGION : Roman Catholic  
SEX : Male  
LANGUAGE SKILLS: English/Tagalog/Bicol

**CHARACTER REFERENCES:**

Available Upon Request.

I certify that all information provided above is true and correct to the best of my knowledge.