

# NDT Piping Inspector / IRATA Level 2 Rope Access Technician



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## EXECUTIVE SUMMARY

NDT Piping Inspector and IRATA Level 2 Rope Access Technician with offshore oil & gas experience in Angola, supporting inspection and maintenance activities on FPSOs and terminals. Performs external visual inspections of piping and pressure equipment, assesses coating condition and corrosion, and takes UT wall thickness measurements when required. Experienced in extracting and using piping isometrics and P&IDs to trace lines on topsides and execute inspection scopes, including GRP pre-inspection campaigns. Conducts post-weld repair controls using PT and MT methods in workshop and on site. Recognized as a proactive, reliable professional with a strong safety mindset and ability to support multi-discipline teams at height.

## KEY ACHIEVEMENTS

**Offshore inspection assignments on multiple FPSOs:** Delivered rope-access supported inspection work on FPSO Girassol, FPSO Dalia and FPSO Clov for Total E&P Angola (Block 17).

**GRP pre-inspection and line status classification:** Performed line inspections to determine FFLB/NFFLB status (Fit/Not Fit for Live Blasting) and reported findings for superintendent validation during GRP campaign pre-inspections.

**Pressure vessel inspection support:** Executed close visual inspections of pressure vessels (external and internal) and structural elements according to client scope of work.

**Post-repair NDT controls:** Performed controls after welding repairs using PT and MT methods in workshop and on site.

## PROFESSIONAL EXPERIENCE

### Security Officer

Teleservice Ida — Chevron / Malongo Base,  
Cabinda, Angola

From March 2007 to  
April 2010

- Maintained security of Malongo base workers and ensured installations remained safe.

### Rope Access Technician

Rope Access Angola Ida — Total E&P Angola  
(FPSO Girassol; PALP1&2; PACF1&2; Terminal  
Palanca Block 3 / Sonangol)

From July 2010 to  
September 2013

## TECHNICAL SKILLS

- Rope access (IRATA Level 2)
- Visual external inspection (piping, coating condition, corrosion)
- UT wall thickness measurement (SNT-TC-1A Level 2)
- Magnetic particle testing MT (SNT-TC-1A Level 2)
- Dye penetrant testing PT (SNT-TC-1A Level 2)
- Pressure vessel inspection (close visual, internal/external)
- Piping isometrics and P&IDs extraction and line tracing
- Post-weld repair inspection/controls
- Bolting
- Tube bending (Swagelok)
- Electrical habilitation/authorization
- Rigging & slinging
- Confined space entry
- STCW 95 (PST, HUET, basic fire fighting, elementary first aid)
- Microsoft Office (Word, Excel)
- Email

## SOFT SKILLS & PERSONALITY TRAITS

- Proactive
- Responsible
- Reliable
- Good communication
- Strong interpersonal skills
- Self-motivated
- Enthusiastic
- Flexible
- Dedicated



Quality, Integrity, Reliability

Ocean Inspection and Maintenance  
30 Cecil Street, 19-08 Prudential Tower,  
Singapore, 049712



- Assisted construction and maintenance jobs in the facility.
- Supported production operations by opening and closing valves at height.
- Assisted mechanical, instrumentation, electrical and marine departments for work at height.

### **NDT Piping Inspector / IRATA Level 2**

Rope Access Angola Ida — Total E&P Angola  
(FPSO Girassol; FPSO Dalia; FPSO Clov)

*From September 2013  
to current date*

- Performed external visual inspection of piping to assess coating condition and external corrosion; took UT wall thickness measurements when required.
- Extracted piping isometrics and P&IDs and followed lines on topsides; installed flow-direction stickers in fire zones as per scope.
- Performed pressure vessel inspections and post-weld repair controls using PT and MT methods; classified lines as FFLB/NFFLB during GRP pre-inspection campaigns.

- Ability to learn multi-discipline techniques

### **EDUCATION & TRAINING**

- Grade 12 Social Sciences (Ciencias Sociais)
- IRATA Rope Access Level 2
- SNT-TC-1A UT Wall Thickness Level 2 – NASLAN GROUP (2012, Luanda, Angola)
- SNT-TC-1A MT Level 2 – NASLAN GROUP (2013, Luanda, Angola)
- SNT-TC-1A PT Level 2 – NASLAN GROUP (2013, Luanda, Angola)
- Bolting Specialists – Institute of Fasteners and Joint Technology (2016)
- Swagelok Tube Bending – Swagelok (2015)
- Electrical Habilitation – Bureau Veritas (2015)
- Rigging & Slinging – ESSA (2015)
- Confined Space Entry – ESSA (2016)
- STCW 95 (Personal Survival Techniques; HUET; Basic Fire Fighting; Elementary First Aid)
- Languages – Portuguese, English, French