

NDT Inspector (UT/PT/MT) & Rope Access Technician



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EXECUTIVE SUMMARY

NDT Inspector and Rope Access Technician with extensive experience in offshore and onshore oil & gas inspection in Angola. Skilled in ultrasonic testing (including thickness gauging and phased array basics), liquid penetrant and magnetic particle inspection, and producing inspection reports and class inspection documentation. Experienced with corrosion monitoring techniques such as LPR, ER probes and cathodic protection measurements, as well as post-installation checks of pressure safety devices. Strong safety background from multiple years as a Safety Officer on seismic and construction projects, with offshore safety trainings (BST, HUET) and a safety-first mindset. Adaptable and available for site-based work, including remote/offshore rotations and relocation.

KEY ACHIEVEMENTS

Long-term NDT inspection delivery: Progressed from NDT Assistant Inspector (2012–2013) to NDT Inspector (2013–2020) at Rope Access Angola, supporting inspection campaigns across multiple assets and sites.

Offshore asset inspection exposure: Performed inspection work on offshore blocks including Block 14 (Kuito FPSO), Block 15 (Saxi Batuque and Mondo FPSO) and Block 17 (Girassol, Dalia, Pazflor and CLOV FPSOs), plus onshore sites.

Multi-method inspection capability: Applied UT thickness measurement and scanning, PT and MT methods, and visual inspection on pipes, deck plates, vessels and tanks, including equipment calibration and reporting.

Corrosion monitoring and CP measurements: Conducted corrosion-related measurements including LPR, ER probe monitoring, cathodic potential and ICCP checks, and PSD checks after installation.

PROFESSIONAL EXPERIENCE

NDT Assistant Inspector

Rope Access Angola

2012/2013

- Supported ultrasonic thickness testing and visual inspections on piping, plates, vessels and tanks, including spot checks and measurements.
- Assisted with equipment setup and calibration (e.g., USM Go, Sonatest).
- Contributed to inspection reporting and documentation under supervision.

NDT Inspector

TECHNICAL SKILLS

- Ultrasonic Testing (UT) Level 2
- Ultrasonic Thickness Testing (Digital & A-scan) Level II limited
- Liquid Penetrant Testing (PT) Level 2
- Magnetic Particle Testing (MT) Level 2
- Basic introduction to Phased Array Ultrasonics
- Corrosion mapping (basic)
- UT equipment calibration and scanning (USM Go, Sonatest)
- Internal and external visual inspection
- Class inspection (in-house certification)
- LPR (Linear Polarization Resistance) measurements
- ER probe monitoring
- Cathodic protection (CP) potential measurements
- ICCP (Impressed Current Cathodic Protection) checks
- PSD (Pressure Safety Device) post-installation checks
- Bolting/unbolting
- Valve and pump installation/removal/replacement
- Rigging/derigging and chain block installation
- Swagelok installation and tube bending
- Rope Access Technician Level I (IRATA)
- STCW 95 Basic Safety Training (BST)
- HUET (Helicopter Underwater Escape Training)
- HSE Basic training
- Computer skills

SOFT SKILLS & PERSONALITY TRAITS

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



Quality, Integrity, Reliability



Rope Access Angola

2013/2020

- Performed UT inspections (thickness gauging/scanning), PT and MT inspections, and internal/external visual inspections; produced inspection reports and class inspection documentation.
- Executed corrosion monitoring and cathodic protection activities (LPR, ER probe, CP/ICCP measurements) and PSD checks after installation.
- Carried out rope-access and mechanical support tasks including bolting/unbolting, valve/pump device install/remove/replace, and rigging/derigging (chain block).

Safety Officer

B.G.P, Sonangol Cabinda North (Onshore)

2007/2010

- Provided HSE supervision for onshore 2D and 3D seismic project activities.
- Promoted safe work practices including first aid readiness, fire prevention and firefighting awareness.
- Supported compliance with site safety procedures and reporting.

Safety Officer

BECHTEL

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- Supported site HSE activities and safe work practices.
- Assisted with fire prevention/firefighting readiness and correct use of fire extinguishers.
- Helped reinforce compliance with safety rules and procedures.

- Adaptable
- Dynamic
- Humble
- Honest
- Reliable
- Safety-minded
- Willing to relocate
- Team-oriented

EDUCATION & TRAINING

- 12th Grade (Human Sciences) – Puniv School, Cabinda
- Ultrasonic Thickness Testing Digital & A scan – Level II limited
- Ultrasonic Testing (UT) – Level 2
- Liquid Penetrant Testing (PT) – Level 2
- Magnetic Particle Testing (MT) – Level 2
- Class Inspection – In-house certification
- Basic Introduction to Phased Array Ultrasonics and Corrosion Mapping
- Swagerlok Installation Training and Tube Bending Course
- Bolting Specialists Training
- Electrical Qualifications Training
- Rope Access Technician – IRATA Level I
- STCW 95 Basic Safety Training (BST)
- Helicopter Underwater Escape Training (HUET)
- English Course
- Computer Course
- HSE (Safety) Basic Course
- Basic Locksmiths Course
- Languages – Portuguese (very well), English (very well), French (basic), Ybinda (well)