

Rope Access & Level II NDT Inspector



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Presented by OIM, your trusted partner in Quality Services. We specialise in supplying top-tier Quality Inspection Personnel to integrate and reinforce your teams.

EXECUTIVE SUMMARY

Rope Access and Level II NDT Inspector with around five years of oil and gas experience across onshore and offshore projects in Africa. Experienced in UT thickness gauging, VT/CVI, RBI surveys, and multi-method NDT (ET, MPI/MT, PT, PMI, thermography and vibration/condition monitoring) on piping, pressure vessels, tanks and structural components. Skilled in confined space inspections, interpreting P&IDs/isometric drawings, and compiling inspection and quality documentation to client and code requirements. Has supported major offshore FPSO and LNG assets, balancing operational integrity with strict safety and quality assurance. Recognised for strong defect detection capability, including identifying a critical hull leakage offshore in Angola as part of a two-person team.

KEY ACHIEVEMENTS

Critical defect detection offshore: Part of a two-person team that detected a leakage in a drill ship hull structure offshore Angola; recognised by the company Board of Directors and remunerated accordingly.

Angola LNG integrity support: Maintained operational integrity and reliability activities for the Angola LNG facility through multi-method NDT, RBI and condition monitoring support.

Block 15 FPSO inspection delivery: Performed rope-access UT pipe inspections, marine inspections, RBI surveys and confined-space tank inspections across Offshore Block 15 FPSO assets (Kizomba A/B/C and Mondo).

Multi-method NDT execution: Executed VT/UT/MPI(MT)/PT/ET and CP inspections to identify defects for maintenance or replacement on offshore platforms, rigs and vessels.

PROFESSIONAL EXPERIENCE

Inspector | Rope Access

SGS (UK)

March 2018 to Present

- Performed rope-access UT pipe inspections and marine inspections across Offshore Block 15 FPSO assets; completed RBI surveys and UT on pressure vessels and tanks.
- Conducted confined-space entry inspections (CVI and UT) in crude oil storage, void and ballast tanks.
- Performed NDT using CP, ET, MPI, UT and PT to locate defects for

TECHNICAL SKILLS

- IRATA Rope Access (Level II)
- NDT: Ultrasonic Testing (UT)
- Thickness gauging and corrosion mapping
- Visual Testing (VT) / Close Visual Inspection (CVI)
- Magnetic Particle Inspection (MPI/MT)
- Liquid Dye Penetrant Testing (PT)
- Eddy Current Testing (ET)
- Positive Material Identification (PMI)
- Hardness testing (Rockwell/portable)
- Thermography testing
- Infrared gas leak detection testing
- Vibration analysis / condition monitoring
- Risk-Based Inspection (RBI) surveys
- Cathodic Protection (CP) inspection
- Automated Ultrasonic Testing (AUT) / Roto Scan (exposure)
- Lifting gear inspection (LOLER/PUWER, LEEA/Certex)
- Bolt torque / drop survey
- Pipeline production (spooling) inspection
- Confined space entry inspections
- Reading P&IDs and isometric drawings
- Inspection reporting and quality documentation
- Tools/Equipment: Cygnus 2 thickness gauge
- Tools/Equipment: Krautkramer DMS 2
- Tools/Equipment: Olympus Nortec 500
- Tools/Equipment: Ether weld check EC-ET-KIAER oo1



Quality, Integrity, Reliability

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



maintenance or replacement.

NDT Inspector | Rope Access & Lifting gear

EM & I (UK) Ltd

June 2017 to Present

- Performed VT, RBI surveys and UT on pressure vessels, piping and tanks on FPSO offshore Angola.
- Conducted NDT using CP, VT, ET, MPI, UT and PT on offshore platforms to identify defects for maintenance or replacement.
- Supported topside inspection activities and reporting in line with project requirements.

NDT Inspector

EM & I (UK) Ltd

November 2015 to June 2017

- Conducted NDT inspections (VT, UT, MT/MPI, ET and PT) and maintenance support on piping, pressure vessels and tanks within an LNG facility.
- Led condition monitoring and inspection activities including vibration survey, thermography/IR gas finder testing, PMI, hardness testing and RBI; interpreted results to codes/standards.
- Compiled and maintained inspection/quality documentation, supervised trainees/junior staff, and supported line-walking using P&IDs and isometric drawings.

NDT Inspector

Applus Rotterdam (RTD)

January 2015 to May 2015

- Conducted NDT inspections using MPI, UT and PT on joints to locate defects for maintenance or replacement.
- Examined joints for hidden cracks and pits using magnaflux equipment.
- Assisted with Automated Ultrasonic Testing (AUT) inspection.

Sub-Contractor

Toprope

December 2012 to November 2014

- Carried out inspection, adjustment and maintenance of mechanical equipment onboard vessels/rigs.
- Performed NDT for defects using PT, UT, MT and ET on BOP, cranes, tubulars and other drilling equipment; produced technical reports and recommendations.
- Conducted periodic lifting gear inspections (6- and 12-monthly) and certified offshore containers/gas baskets as required on projects.

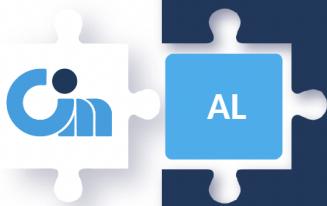
- Tools/Equipment: X-MET 8000 (Oxford) PMI analyzer
- Tools/Equipment: Equotip 3 hardness tester
- Tools/Equipment: FLIR i60 thermal camera
- Tools/Equipment: FLIR GF300/GF320 IR gas finder
- Tools/Equipment: CSI 2140 vibration analyzer
- Tools/Equipment: Intech NDE magnetic yoke set
- Tools/Equipment: Magnaflux MPI yoke
- Tools/Equipment: Olympus Videoscope Iplex RX/Iplex RT
- Computer: MS Office

SOFT SKILLS & PERSONALITY TRAITS

- Strong attention to detail
- Analytical problem-solving
- Safety- and quality-focused mindset
- Client liaison and stakeholder communication
- Team leadership and supervision
- Trustworthy and reliable
- Cross-cultural interpersonal skills
- Report writing and documentation discipline

EDUCATION & TRAINING

- Eddy Current (Level I & II) – Non-Destructive Academy of South Africa (NASA)
- MPI (Level II) – NASA
- Liquid Dye Penetrant (Level II) – NASA
- UT (Level II) –
- Rope Access Technician (Level II) – IRATA



- LOLER & PUWER Seminar – Certex (UK)
- Lifting Equipment Inspection – Certex (UK)
- Cargo Carrying Units – Certex (UK)
- Wire Rope Inspection – Certex (UK)
- Lifting and Slinging – Certex (UK)
- Rigging Loft Management – Certex (UK)
- Offshore Survival – Project Maritime Training (PMT)
- Elementary First Aid at Sea – PMT
- Elementary Fire Fighting – PMT
- Helicopter Underwater Escape Training – PMT
- Yellow Fever Vaccination Card – PMT (Expires December 2023)
- Valid Eye Test
- Valid Offshore Medical
- Languages – English, Portuguese