

Level II NDT Inspector & Level II Rope Access Technician



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EXECUTIVE SUMMARY

Level II NDT Inspector and Level II Rope Access Technician with around five years of field inspection experience across onshore/offshore Oil & Gas, shipyards, mining sites and industrial environments. Experienced in applying multiple NDT methods including Eddy Current, Magnetic Particle, Liquid Penetrant, Ultrasonic Thickness Gauging and UT Flaw detection to identify defects and support integrity management. Conducts inspections on vessels and offshore units, producing client-ready technical reports aligned with drawings, codes and standards. Comfortable working on rotation/shift patterns and in physically demanding environments, with a strong focus on safe execution and reliable delivery. Has performed additional mechanical and lifting-related checks such as bolt torque and lifting gear inspections as part of offshore assignments.

KEY ACHIEVEMENTS

Multi-method NDT capability: Qualified and practiced across ET (Level II), MT (Level II), PT (Level II), Wall Thickness Gauging (Level II) and UT Flaw (Level I) for onshore and offshore inspection scopes.

Offshore and marine inspection delivery: Completed vessel and offshore-unit inspection campaigns covering hull plates, sea chests, propeller blades, tanks, hatches and structural components, producing physical/isometric drawing-based inspection records and reports.

Integrity and condition reporting: Performed inspections of drilling, subsea, marine and hydraulic equipment (e.g., BOP, cranes, tubulars, pressure vessels, pipelines) and issued technical findings and condition/recommendation reports.

Rope access-enabled inspection: Applied IRATA rope access capability to support inspection work on onshore and offshore platforms where access constraints required rope access methods.

PROFESSIONAL EXPERIENCE

NDT Inspector

Applus RTD (Angola)

10 Feb 2015 - 04 June 2015 (Freelance)

- Carried out inspection of trommel shaft at Sands Mine and performed surveys/inspections on vessel components (hull plate, sea chest, propeller blade, deck, tanks, hatches).
- Used MT, PT and UTM/UT methods and worked from physical and isometric drawings.

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TECHNICAL SKILLS

- NDT inspection
- Eddy Current Testing (ET)
- Magnetic Particle Testing (MT/MPI)
- Liquid Penetrant Testing (PT/DPI)
- Ultrasonic Thickness Gauging (UTM)
- UT Flaw Detection
- Corrosion mapping
- Wall thickness gauging
- Weld inspection
- Pressure vessel inspection
- Storage tank inspection
- Pipeline inspection
- Wire rope inspection
- Cargo Carrying Unit (CCU) inspection
- Lifting gear inspection
- Bolt torque checks
- Understanding of engineering drawings
- Isometric drawings
- Codes and standards awareness
- Technical report writing
- MS Office
- Microsoft Excel
- IRATA Rope Access (Level II)
- LOLER
- PUWER
- Lifting and slinging
- Rigging loft management
- HUET
- Offshore survival
- Offshore medical
- Elementary First Aid at Sea
- Elementary Fire Fighting
- Yellow fever vaccination card



Quality, Integrity, Reliability

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Singapore, 049712



ML

- Prepared inspection outputs/reports as required by the scope.

**05 Feb 2013 - 10 June
2013 (Freelance)**

- Conducted survey/inspection on-board vessels Raptor and Kotroa including hull plate, sea chest, propeller blade, deck, tanks and hatches.
- Produced physical/isometric drawing-based inspection records.
- Applied MT, PT and UTM/UT methods per scope.

NDT Inspector

Marscan

- Carried out inspection on welds and joints for hidden defects, lamination and pipe roller structures.
- Performed testing using MT, PT and UT Flaw methods.
- Recorded and reported inspection findings per requirements.

NDT Inspector

Toprope Ltd (South Africa)

- Performed onboard inspections and supported adjustment/maintenance of inspection equipment.
- Inspected marine/offshore components (e.g., derrick structures, hull plate, crank shaft, rudderstock, anchor chain calibration, propeller blades, containers, pad eyes, suction nozzles).
- Executed MT, ET, PT and UTM/UT inspections and produced related inspection documentation.

NDT Inspector

Sonometric Cc (Angola)

**13 June 2013 Up to
date (Freelance)**

- Carried out inspection and maintenance support for mechanical, drilling, subsea, marine and hydraulic equipment.
- Inspected BOP, cranes, casing/tubing, tanks, welds, pipelines, pressure vessels, drill pipe, draw works and other tubular equipment for defects.
- Performed PT, MT, UTM, ET and UT Flaw inspections; also conducted bolt torque and lifting gear inspections and issued technical reports with recommendations.

NDT Inspector

Sonometric Cc

**03 March 2016 Up to
date (Freelance)**

- Network Diploma

SOFT SKILLS & PERSONALITY TRAITS

- Committed
- Motivated
- Dedicated
- Cross-cultural adaptability
- Ability to gain trust
- Time management
- Physically fit
- Energetic

EDUCATION & TRAINING

- Eddy Current (Level II) – Non Destructive Academy of South Africa
- Magnetic Particle (Level II) – Non Destructive Academy of South Africa
- Liquid Penetrant (Level II) – Non Destructive Academy of South Africa
- Wall Thickness Gauging (Level II) – Non Destructive Academy of South Africa
- UT Flaw (Level I) – Non Destructive Academy of South Africa
- International Industrial Rope Access Trade Association (IRATA) – Rope Access Technician Level II
- Lifting Equipment Inspection – Certex (UK) LEEA Accredited Training Company
- LOLER & PUWER Seminar – Certex (UK) LEEA Accredited Training Company
- Rigging Loft Management – Certex (UK) LEEA Accredited Training Company
- Lifting and Slinging
- Wire Rope Inspection
- Cargo Carrying Units



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- Performed NDT inspection activities on assigned assets/projects.
- Supported inspection reporting and recommendations based on findings.
- Applied relevant NDT methods per job scope.

- Elementary First Aid At Sea
- Elementary Fire Fighting
- H.U.E.T
- Offshore Survival – Project Maritime Training
- Valid Offshore Medical
- Valid Eyes Test
- Valid Yellow Fever Vaccination Card
- Network Diploma – IT Business Campus
- Languages – Portuguese, English