

Engineering Inspection Supervisor / API Plant Inspector



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EXECUTIVE SUMMARY

Dedicated Engineering Inspection Supervisor with over 20 years of experience in the inspection sector, specializing in API and NDT disciplines. Proficient in Ultrasonic Inspection, Liquid Penetrant Examination, and Magnetic Particle Examination, with extensive knowledge in pressure vessel and piping inspections. Proven ability to manage inspection teams and implement Mechanical Integrity programs effectively. Committed to safety and quality, with strong report writing and planning skills.

KEY ACHIEVEMENTS

API-510 Certification: Achieved API-510 certification for in-service inspection, enhancing inspection credibility and compliance.

Risk-Based Inspection Implementation: Successfully implemented risk-based inspection strategies, improving safety and efficiency in inspection processes.

Supervision of Remote Inspection Teams: Managed API inspectors and NDT technicians across multiple remote sites, ensuring high-quality inspection standards.

PROFESSIONAL EXPERIENCE

Engineering Inspection Supervisor

Apave International/ Assala Energy Gabon, Gabon **11 May 2014 - Present**

- Supervise API inspectors and NDT technicians on multiple remote sites.
- Conduct inspections on pressure vessels, piping, and storage tanks, ensuring compliance with engineering codes.
- Compile detailed reports on findings and recommendations, including remaining life calculations.

NDT/Inspection Supervisor

Ropetec International, Angola **01 December 2008 - 1 May 2014**

- Performed ultrasonic flaw detection and pit mapping on piping and pressure vessels.
- Conducted visual inspections and compiled detailed reports on external conditions and corrosion.

TECHNICAL SKILLS

- API 510
- Ultrasonic Inspection
- Liquid Penetrant Examination
- Magnetic Particle Examination
- Risk-Based Inspection (RBI)
- SAP
- NDT Techniques
- Pressure Vessel Inspection
- Piping Inspection
- Tank Inspection

SOFT SKILLS & PERSONALITY TRAITS

- Creative thinker
- Dedicated
- Hardworking
- Strong management skills
- Ability to work under pressure

EDUCATION & TRAINING

- Senior Certificate – South Africa
- API-510: In-Service Inspection, Rating, Repair and Alteration of Pressure Vessels – 49739
- SNT-TC1-A Level-II: UT, MT, PT
- API-570: Piping Inspection – Exam pending (June 2022)
- API-653: Tank Inspection – Exam pending (November 2022)
- Languages: Afrikaans, English



- Supervised shutdown inspections and ensured compliance with safety procedures.

QA/QC – NDT Manager

Innovative Inspection Services KZN, South Africa

**1 August 2004 – 30
November 2008**

- Developed procedures for Ultrasonic, Magnetic Particle, and Liquid Penetrant examinations.
- Managed inspections on petrochemical refineries and ensured quality control during fabrication and repairs.
- Performed tank inspections and compiled detailed reports for various clients.