

THIRD PARTY INSPECTION AND NDT SERVICES



IEMA Standards Ltd.
ISO17020 Accredited Inspection Body
Lagos, Nigeria

Company Profile

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1. Executive Summary

Overview of IEMA Standards Ltd:

IEMA Standards Ltd is a trusted provider of Third-Party Inspection and Non-Destructive Testing (NDT) services, ensuring compliance with global industry standards and project requirements. Headquartered in Nigeria, the company is committed to delivering quality, safety, and reliability to diverse industries. Our mission is to ensure the safety, reliability, and compliance of materials, equipment, and processes across various industries. With a commitment to excellence, we leverage cutting-edge technology and a team of certified professionals to deliver independent evaluations tailored to meet both Nigerian and international standards.



Vision and Mission

Mission: To provide world-class inspection and testing services that enhance operational safety and quality.

Vision: To be the leading inspection and NDT service provider in Africa, recognized for excellence and innovation.



Core Values

- **Integrity:** We uphold transparency and honesty in all our engagements.
- **Excellence:** We are committed to delivering top-tier services that exceed client expectations.
- **Innovation:** We continuously adopt advanced technologies and methodologies to enhance our service delivery.
- **Customer Focus:** Our clients' satisfaction is at the heart of everything we do.

2. Company Background

Company History and Milestones:

Established to address the growing demand for quality inspection and testing services in Nigeria, IEMA Standards Ltd has grown to become a leader in its field.

Legal and Regulatory Compliance:

Fully compliant with Nigerian regulatory standards, IEMA Standards Ltd is certified by relevant authorities and maintains strict adherence to industry best practices.

Affiliations and Partnerships:

Strategic collaborations with global certification bodies and technology partners.



3. Services Offered

Third-Party Inspection Services

Service Overview:

Independent evaluations of systems, processes, and products to verify compliance with industry standards and project requirements.

Applications:

- o Quality assurance during manufacturing or construction.
- o Verification of documentation, certificates, and test results.
- o Witnessing tests, factory acceptance tests (FAT), and site acceptance tests (SAT).

Key Benefits:

- o Neutral and transparent inspection process.
- o Enhanced trust and credibility for stakeholders.



Non-Destructive Testing (NDT) Services

Service Overview:

Advanced testing methods to evaluate the integrity of materials and components without causing damage.

NDT Methods Offered:

- Ultrasonic Testing (UT): Detect internal flaws and measure material thickness.
- Radiographic Testing (RT): Capture detailed images of internal structures.
- Magnetic Particle Testing (MT): Identify surface and near-surface defects in ferromagnetic materials.
- Eddy Current Testing (ET): Inspect conductive materials for cracks and corrosion.
- Dye Penetrant Testing (DPT): Highlight surface imperfections on non-porous materials.

Key Benefits:

- Accurate defect identification.
- Minimizes downtime and asset damage.



Product Inspection

Service Overview:

Detailed inspections of products at various stages, ensuring compliance with specifications and quality standards.

Applications:

- Raw material inspection.
- In-process quality control.
- Pre-shipment and post-production inspections.

Key Benefits:

- Defect prevention at critical stages.
- Improved customer satisfaction and reduced returns.



Vessel Inspection

Service Overview:

Comprehensive assessment of pressure vessels, storage tanks, and pipelines to ensure safety and regulatory compliance.

Inspection Scope:

- Thickness measurement.
- Corrosion analysis and detection.
- Weld integrity evaluation.

Key Benefits:

- Prevents hazardous failures.
- Extends asset lifespan.



Cargo Inspection

Service Overview:

Accurate verification of cargo quantity, quality, and condition during transit or storage.

Applications:

- o Pre-loading and discharge supervision.
- o Sampling and testing.
- o Damage assessment.

Key Benefits:

- o Minimizes disputes and financial losses.
- o Ensures smooth supply chain operations.



Equipment Lifting Inspection

Service Overview:

Inspection and certification of cranes, hoists, slings, and other lifting equipment to ensure operational safety.

Inspection Scope:

- o Load testing and structural integrity checks.
- o Compliance with lifting safety standards.
- o Functional testing of controls and systems.

Key Benefits:

- o Ensures safety and reliability in lifting operations.
- o Reduces the risk of operational failures.



04. Industries We Serve

IEMA Standards Ltd provides services to diverse sectors, including:

- Oil and Gas
- Construction
- Manufacturing
- Power Generation and Distribution
- Marine and Offshore



05. Quality Assurance and Certifications

- Commitment to maintaining the highest standards in every project.
- Certified by ISO and other regulatory bodies.
- Adherence to IEMA and international inspection standards.



06. Technical Expertise and Resources

Skilled Personnel

Our team comprises experienced professionals certified by a reputable organization such as the International Organization for Standardization (ISO). Our local knowledge and expertise ensure compliance with Nigerian standards while delivering global-quality services.

Client-Centric Service Delivery

- Consultation and Needs Assessment: We engage clients to understand their unique needs and develop tailored inspection plans.
- Execution with Precision: Inspections are conducted meticulously, following approved guidelines and standards.
- Detailed Reporting and Follow-Up: We provide comprehensive reports with actionable recommendations and offer post-inspection support to address client concerns.

State-of-the-art equipment for inspection and testing.

Highly skilled and certified workforce.

Robust safety protocols and training programs.



07. Why Choose IEMA Standards Ltd

- **Certified Expertise:** Our inspectors and technicians are accredited to global standards, ensuring reliable and accurate assessments.
- **Regulatory Compliance:** We ensure that all projects adhere to Nigerian regulations such as those by the Standards Organization of Nigeria (SON) and Department of Petroleum Resources (DPR), as well as international benchmarks like ISO, API, and ASME.
- **Cutting-Edge Technology:** We utilize state-of-the-art equipment and innovative techniques to deliver precise results.
- **Cost-Effective Solutions:** We provide high-quality services at competitive prices, supporting startups and established companies alike.
- **Local Knowledge with Global Standards:** As a Nigerian-based Company, we understand the local business environment and regulatory landscape, while maintaining global best practices.



07. Appendices

Licenses and Regulatory Approvals.

-  - ISO/IEC 17020 Conformity Assessment Accreditation for Inspection bodies
-  - ISO/17021 Accreditation for certification bodies
-  - ISO9001:2015 Quality Management Systems
-  - ISO14001:2015 Environmental Management Systems
-  - ISO45001:2018 Occupational Health and Safety
-  - Institute for Safety Practitioners of Nigeria (ISPON)
-  - Certification Scheme for Welding and Inspection Personnel
-  - American Society for Non Destructive Testing Certification for level 1, II, III,
-  - Nigeria upstream regulatory commission permit on NDT testing
-  - American Welding Society Certification (AWS)
-  - International Laboratory Accreditation Cooperation (ILAC)
-  - International Accreditation Forum (IAF)

09. Contact Information

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