



TECHINSPECTA
ENGINEERING INTEGRITY & INSPECTION SERVICES

Company Profile

 www.techinspecta.com

 info@techinspecta.com

 Av. Amilcar Cabral, 1254 Maputo- Mozambique

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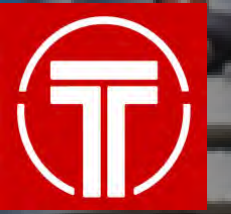
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About the Company

TechInspecta Integrity Services, Lda. is a Mozambican engineering Consultancy and inspection company providing consultancy, industrial inspection, QA/QC, NDT and asset integrity support for oil & gas, mining, construction and energy sectors.

Founded and operating from Mozambique, TechInspecta was established to address a critical gap in the market the need for a locally owned inspection company that delivers internationally recognised standards of quality, safety and compliance. We are not a regional branch of a foreign firm. We are Mozambican and that distinction matters.



Our Mission and Vision

Mission

Our mission is to deliver reliable inspection, testing, certification and QA/QC services that help clients maintain safe, compliant and efficient operations while protecting people, assets and operational integrity.

Vision

Our vision is to be a trusted Mozambican inspection company, recognised for technical excellence, safety leadership and reliable inspection solutions that strengthen compliance, reduce risk and build operational confidence.





Engineering Consulting

We provide engineering consultancy services in various technical and industrial fields, including mechanical, electromechanical and asset integrity engineering. TechInspecta supports project owners, contractors and industrial operators through technical supervision, engineering advisory and quality control, relying on a team of qualified engineers, inspection specialists, project supervisors and safety professionals.

The company delivers its services in accordance with project specifications, applicable regulatory requirements, recognized engineering practices and relevant international standards and codes.

Technical services



Development of Bills of Materials, scopes of work, inspection plans and service schedules for NDT, lifting equipment inspection, QA/QC and engineering support activities.

Preparation of technical and commercial tender documents, including work methodologies, resource planning, compliance requirements, execution schedules and project delivery strategies.

Provision of technical support for inspection, testing and asset integrity projects, including site assessment, documentation review, reporting, compliance verification and coordination of inspection activities.



QA/QC Welding & NDT



Inspection Services

We provide professional QA/QC Welding and Non-Destructive Testing (NDT) inspection services for industrial, oil & gas, construction, mining, energy and infrastructure projects across Mozambique. Our services are designed to ensure that welded joints, fabricated components, pressure systems and structural assemblies meet project specifications, international standards and client quality requirements.

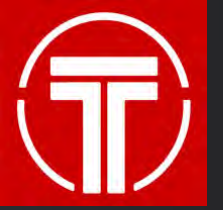
Our Services Includes, but not limited to:

- Welding inspection before, during and after fabrication
- Review of WPS, PQR and welder qualifications
- NDT inspection coordination and reporting
- Ultrasonic Testing, Magnetic Particle Testing
- Dye Penetrant Testing and Radiographic Testing support
- Inspection of piping, tanks, pressure vessels and structural steel
- QA/QC documentation review and quality control reports

Standards:

- **ASME BPVC Section V** for non-destructive examination
- **ASME BPVC Section IX** for welding procedure and WQ
- **ASME B31.3** for process piping
- **AWS D1.1** for structural steel welding
- **ASNT SNT-TC-1A** for NDT personnel qualification

Lifting Equipment Inspection



Loose Lifting Gear & LAC

We provide professional lifting equipment inspection, loose lifting gear inspection and lifting accessories inspection services for industrial, construction, oil & gas, mining, logistics, marine and energy projects across Mozambique. Our services are designed to verify the safety, condition, identification, traceability and fitness for use of lifting equipment and accessories used in critical lifting operations.

Our Services Includes, but not limited to:

- Wire rope slings, Chain slings, Webbing slings and round slings
- Shackles, eyebolts, master links and connecting links
- Hooks and lifting clamps, clamps, Turnbuckles, swivels and rigging hardware
- Chain blocks, lever hoists and manual lifting devices
- Lifting beams, spreader beams and below-the-hook devices
- Crane hooks, wire ropes and lifting accessories

Standards:

- **LEEA , LOLER/PUWER, & ASME B30.9** for slings
- **ASME B30.20** for below-the-hook lifting devices
- **ASME B30.26** for rigging hardware,
- **ISO 4309** for crane wire rope inspection and discard criteria
- **ISO/IEC 17020:2026** principles for inspection body competence, impartiality and consistent inspection operations

Container Integrity

Inspection & Certification



We provide professional container integrity inspection and certification services for logistics, oil & gas, mining, construction, marine, industrial and offshore support operations across Mozambique. Our services are designed to verify the structural condition, safety, identification, serviceability and fitness for use of containers used for storage, transport, cargo handling and site operations.

Our Services Includes, but not limited to:

- Structural integrity (corner posts, corner fittings, rails, base frame, understructure)
- Offshore containers
- Workshop, site, and tool containers
- Equipment containers
- Cargo carrying units – CCU's
- Modified containers for industrial and project use

Standards:

- **CSC 1972** (International Convention for Safe Containers)
- **ISO 1496** for freight container specification and testing
- **DNV-ST-E271 / EN 12079 / ISO 10855** for offshore containers

Industrial Machinery & Equipment Inspection



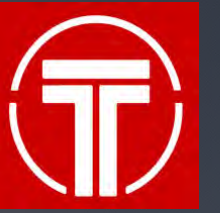
Our inspection approach covers visual examination, mechanical condition assessment, safety device verification, electrical and control system checks, guarding inspection, hydraulic and pneumatic system review, documentation verification and technical reporting. We help clients identify defects, reduce breakdown risks, improve equipment reliability and maintain safer industrial operations.



Our Services Includes, but not limited to:

- Pre-use, periodic and condition-based inspection
- Visual and mechanical condition assessment
- Verification of installation, alignment and mounting condition
- Inspection of guards, covers, access points and safety barriers
- Functional checks of emergency stops and basic safety devices
- Inspection of hydraulic hoses, cylinders, valves and connections
- Inspection of pneumatic lines, actuators, regulators and fittings

Drilling Pipe & Equipment



Inspection Services

TechInspecta provides professional drilling pipe, drill stem and drilling equipment inspection services for oil & gas drilling, workover and completion operations across Mozambique. Our services are designed to verify the condition, integrity, traceability and fitness for use of drilling tubulars, bottom hole assembly components, handling tools and selected drilling/completion equipment before mobilisation, during operations or after service.

Our Services Includes, but not limited to:

- Drill pipe and tool joints
- Heavy Weight Drill Pipe — HWDP
- Drill collars and drill stem subs
- Stabilizers, crossovers and rotary shouldered connections
- Casing, tubing and pup joints
- Directional drilling tools, including DD, MWD and LWD components
- Jars, mud motors and running/service tools
- Upper completion and lower completion components
- TRS equipment and handling tools
- BOP, well control equipment, wellheads and Christmas tree components, where applicable

Standards:

- **API Spec 5DP / ISO 11961** for steel drill pipe,
- **API Spec 16A / API 16AR** for drill-through and well control equipment
- **API RP 8B / API Spec 8C** for drilling and production hoisting equipment
- **DS-1®** for drilling and completions inspection practices
- **API RP 8B / API Spec 8C** for drilling and production hoisting equipment

Electrical & Instrumentation



Inspection Services

Our inspection approach covers installation verification, equipment condition assessment, cable routing checks, earthing and bonding inspection, panel and junction box inspection, instrument installation verification, loop checking support, calibration document review, functional testing support and QA/QC documentation review. We help clients reduce commissioning risks, improve system reliability, ensure compliance with project specifications and maintain safe operation of electrical and control systems.

Our Services Includes, but not limited to:

- Electrical installation inspection and QA/QC verification
- Instrument installation inspection and calibration document review
- Cable laying, glanding, termination and tagging inspection
- Earthing and bonding inspection
- Panel inspection, wiring checks and labeling verification
- Hazardous area equipment inspection and Ex compliance support
- Instrument loop checking and functional testing
- Verification of instrument datasheets, hook-up drawings and P&IDs
- Review of inspection test plans, checklists and quality records

Industries We Operate



Oil & Gas



Mining



Petrochemical



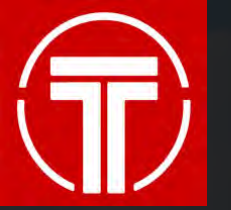
Construction



Energy



Power Generation



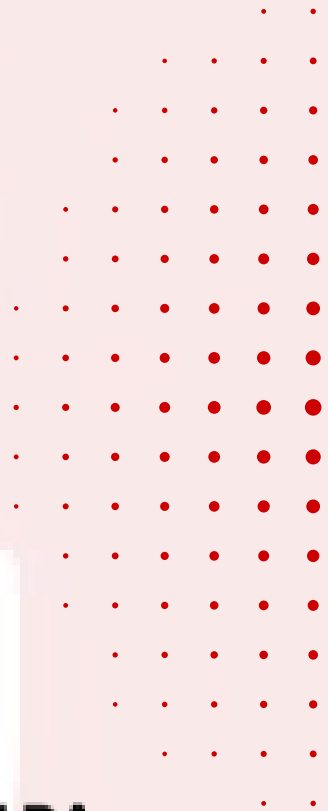
Trainings

We provide professional training programs designed to strengthen the competence of clients' personnel in the safe operation, supervision, inspection and handling of lifting equipment and other high-risk site activities. Our courses are focused on improving technical knowledge, promoting safe work practices, reducing operational risks and supporting compliance with applicable industry standards and HSE requirements.

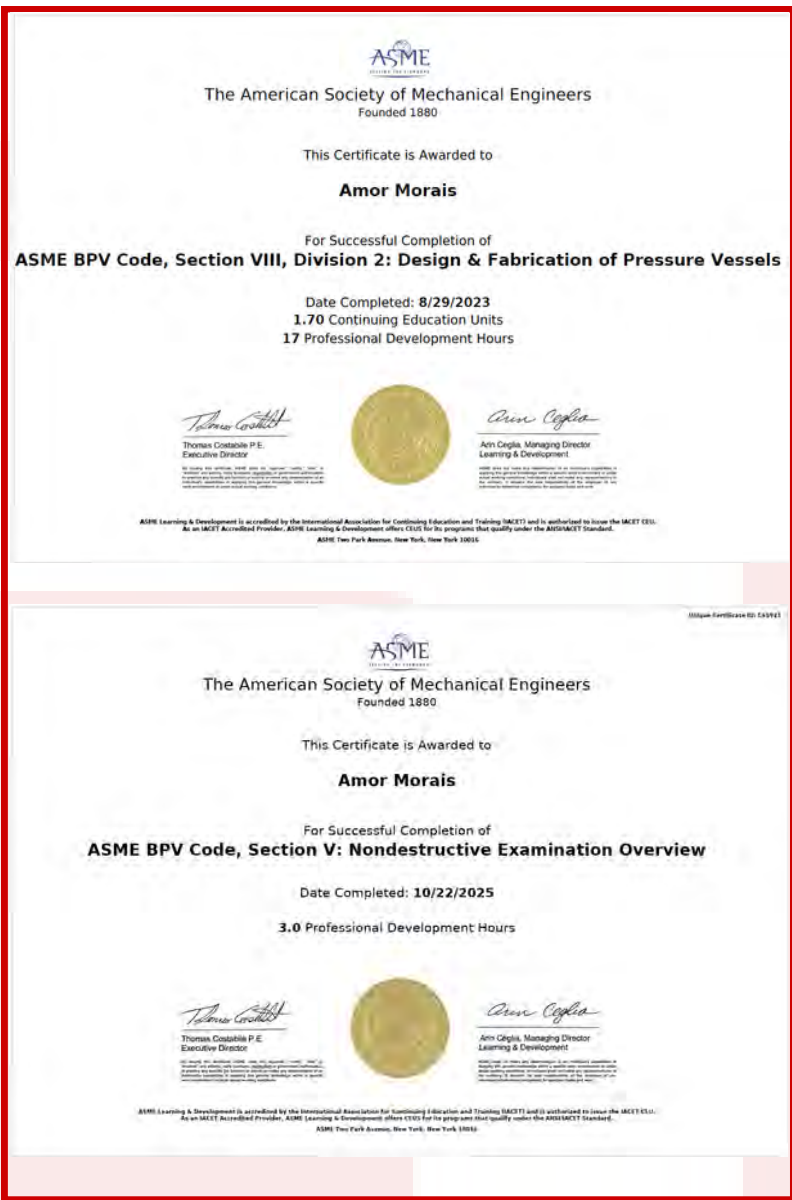
Our Trainings Includes, but not limited to:

- Mobile Crane Operator Training
- Confined space entry
- Forklift Operator Training
- Cherry Picker / MEWP Operator Training
- Front Loader Operator Training
- Banksman and Slings Training
- Rigger and Lifting Assistant Training
- Lifting Supervisor / Lifting Leader Training
- First Aid Training
- HSE Site Representative Training
- Scaffolding Erector Training
- Scaffolding Inspector Training
- Working at Heights Training
- Manual Handling Training
- Hot Work Safety Training
- Accident Investigation Training

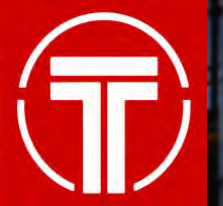
Our Partners and Clients



Team Certifications



Thank You



TechInspecta Integrity Services, Lda. aims to strengthen its position as a trusted local provider of engineering consultancy, lifting equipment inspection and NDT services for the oil and gas, mining, construction and energy sectors. Through technical excellence, reliable service delivery and local content development, we support clients in achieving asset integrity, safety, compliance and reduced dependency on external specialized resources.



+258 85 02 80 000



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