

BUSINESS PROFILE

Anglo Eastern Industries FZE, incorporated in 2004 and its Technical Services Division established recently, is a registered / corporate member of various national and international organizations and certified for ISO 9001:2008. All technical procedure and quality assurance manual and procedures conform to ISO/IEC 17025 and ISO/IEC 17020.

We are Providing our services in the field of Lifting Equipment Inspections, Non Destructive Testing, Advanced NDT, Destructive Testing, Materials Testing, Corrosion Monitoring & Management, In-service Inspections, QA/QC, Welding Inspection, Technical Resource Supplies, Electrical & Instrumentation, Supplier Quality Surveillance, Vendor Inspection & Expediting services.

AEI-TSD is one of the leading industrial solutions provider and partners with our clients to ensure:

- ♦ Excellence in Quality & Services
- ♦ 24x7 Customer Care
- ♦ Reliable & Price Competitiveness

OUR CORE VALUES

Professionalism

AEI-TSD has been setting the industry standards by providing the highest level of expertise employing qualified and competent professionals by utilizing state of the art technology. The AEI-TSD is recognized as the solution partner of choice.

Commitment

AEI-TSD is committed to its clients with consistent and continuous improvement in every aspect of its services. Our team of highly skilled professionals is committed from implementation of best practices to explore new and innovative solutions. Our clients trust on our commitment to safety, quality and value added support.

OUR OPERATING VALUES

Inspection

We believe in providing quality inspection to our clients by utilizing state of the art equipment and facilities.

Services

We offer the highly skilled technical team with the best available technology to carry out faster inspections and produce immediate results using latest software that significantly reduces overall project cost.



SCOPE OF SERVICES

ANGLO EASTERN INDUSTRIES FZE - TECHNICAL SERVICES DIVISION offers various services to the industry through inspection and testing teams consisting of qualified and ASME, ASNT, LEEA certified personnel who have performed throughout the globe.

The company is accepted as a well-reputed organization involved in following scopes of services:

LIFTING EQUIPMENT INSPECTIONS (ONSHORE / OFFSHORE)

NON-DESTRUCTIVE EXAMINATION (NDE)

CALIBRATION AND TESTING

METALLURGICAL AND CORROSION TESTING

THIRD PARTY INSPECTIONS

AUDITS AND TRAININGS

REGISTRATIONS

Commercial Registration Department Jebel Ali Free Zone Authority (JAFZA-UAE)

Environment, Health and Safety (EHS- JAFZA)

Registered with Dubai Municipality as CAB (DM)

Dubai Chamber of Commerce and Industry (DUBAI CHAMBER)



LIFTING EQUIPMENT INSPECTIONS (ONSHORE/OFFSHORE)

With heavy and repetitive loading of cranes, wire ropes, booms and other critical parts get worn out. Fatigue causes stresses to accumulate in different areas, some of which may lead to failure.

Inspection, Testing and Certification of various types of lifting appliances and lifting accessories such as:

ONSHORE / INDUSTRIAL

- Mobile / Overhead / Tower / Gantry Crane, Window / Painter Cradle
- Construction Hoist, MEWP (Man Lift), Forklift Truck, Vehicle Lift
- Chain Block, Side Boom Pipe Layers, Vacuum Lifter, Lifting Table
- Lifting Magnet, Wire Rope Sling, Synthetic Webbing Sling
- Chain Sling, Shackles, Master Link, Eyebolt, Hook
- Spreader Beam / Lifting Beam, Beam Clamp / Plate Clamp

MARINE / OFFSHORE

- Pedestal / Slewing Jib Cranes, Derricks, Gantries, Cargo handling Grabs
- Accommodation Ladder / Gangways, Chain Blocks, Shackles
- Wire Rope Slings, Synthetic Webbing Slings
- Life Boat / Rescue Boat Davits
- Man Basket / Personnel Transfer Basket
- Mooring Winches Brake Test & Rendering Test
- Certification of Towing / Anchor Handling Winch Pull Test
- Carrying out Bollard Pull Testing/ Certification for Offshore vessels
- Spooling / Unspooling of Anchor Handling & Towing Wire Ropes
- Splicing of Mechanical soft eyes on the Mooring Wire Ropes

Our highly experienced, certified and competent engineers and technicians are capable of conducting in-depth inspections / Thorough Examination by applying various techniques such as Dimensional Measurement, Condition Monitoring, NDE, Destructive Testing and Proof Load Testing.



NON-DESTRUCTIVE EXAMINATION (NDE)

ANGLO EASTERN INDUSTRIES FZE - TECHNICAL SERVICES DIVISION utilizes latest industry proven equipment for NDE Techniques independently and through our partners.

- **Industrial Radiography - RT**
- **X - Ray**
- **Ultrasonic Flaw Detection – (UT)**
- **Magnetic Particle Inspection - (MPI)**
 - Wet Fluorescent Testing with Coil
 - Wet Fluorescent Testing with A/C Hand Yoke
 - Visible MPT with A/C Hand Yoke, Black & White Contrast
- **Dye Penetrant Testing – (DPT)**
 - Fluorescent Penetrant Testing
 - Visible Penetrant Testing
- **Hardness Testing – (HT)**
- **Positive Material Identification – (PMI)**
- **Magnetic Flux Leakage - (MFL)**
- **TOFD / PAUT**
- **Boroscopy**
- **Internal Rotary Inspection System - IRIS**
- **Local and Furnace Heat Treatment - PWHT**

As a professional Organization AEI-TSD ensures that highly competent professionals having required International certifications and adequate experience with most modern equipment must be deployed, which ultimately ensures reliability of NDE services.

The AEI-TSD management does not compromise on applicable HSE standards to minimize risks to health, safety and environment.

For mega projects in any region, The AEI-TSD is equipped with furnished modular porta-cabins to be used for operational activities with all required tools and equipments.



CALIBRATION AND TESTING

PSV and Control Valve Testing and Repair

- Gas Test System 0 --- 300 bar / 4350 psi
- Liquid Test System 0 --- 300 bar / 4350 psi
- Seat tightness test system (API 527) Full Range

Set Pressure verification, Reset Pressure and Leak Tests on valves are performed using either pressurized gas or water on our Test Bench up to 4350 psi with valve flange sizes ranging up to 15 inches. These Tests are performed as per API standards or Client specified Standards.

All the measuring equipment used in the testing is traceable to International Standards. AEI-TSD has latest Ventil (Holland) test bench with CE Marking and has appropriate NDE and Pressure Test Certificates in accordance with ASME.

Storage Tank Calibration and Survey Services

We focus on Fluid Storage and Transportation Facilities for the Calibration of

- Storage Tanks (Upright / Horizontal) and Spheres
- Liquid Transport Bowzers
- LPG Bullets / Vessels

Fluid storage and transportation facilities require calibration at regular intervals to give owner reliable information on the volume of fluid stored at any time thereby providing accurate measurement of the volume of fluid.

AEI-TSD has the capability to calibrate FSTF of any capacity. Different methods are used depending on the type, shape and location. Our teams can be mobilized at a short notice and the job is undertaken immediately.

All calibrations are performed in accordance with internationally acclaimed standards such as API manual of petroleum measurement standards and ISO. Clients are provided with Hard and Soft copies of the calibration sheets and charts for record. Backup records are maintained with the company for future reference.



CALIBRATION AND TESTING

Metering and Flow Measurements

We are providing support to oil and gas storage and supply companies to manage the accuracy of their supplies and flow. We can help them to ensure that they can measure their production or throughput with optimal certainty, meet their commitments to partners and official bodies.

Main Activities

- Metering system validity
- Tank survey & Tank Calibration
- Meter prover calibration
- Meter proving service
- Maintenance & Calibration
- Commissioning

Instrument Calibration

- Pressure
- Temperature
- Torque
- Length and Dimensional
- Current, Voltage and Resistance
- Power
- Time and RPM

In calibration and Testing the Acceptable Tolerances are taken as per Client's / Manufacturer's specifications otherwise +1 least Count of equipment under test is referred acceptable tolerance. we achieve the confirmation of basic accuracy, confidence of measurement with Traceability by our master equipments calibrated as per UKAS or other accreditations.

Calibration and testing Certificates are provided with traceability of Reference Equipment and unit of measurement to recognized International Labs. Reference Equipment is periodically calibrated from UKAS / DAC approved Lab at defined intervals.



METALLURGICAL AND CORROSION TESTING

Mechanical Testing

- Tensile Test (Ambient and High Temperature)
- Bend Test
- Charpy Impact Test
- Hardness Including Micro Hardness

Metallography

- Macro Examination of Welds
- Micro Examinations of Metals
- Grain size Analysis
- Inclusion Rating

Life Assessment through Failure Investigation and Failure Analysis

(For Oilfield, Marine and Industrial Components & stationary equipment installed in industry). The package service components are;

Field Metallography / Replica Testing

Field Hardness Testing

Ultrasonic Thickness Measurements (A-Scan and B-Scan)

Ultrasonic Flaw Detection

Radiographic Testing

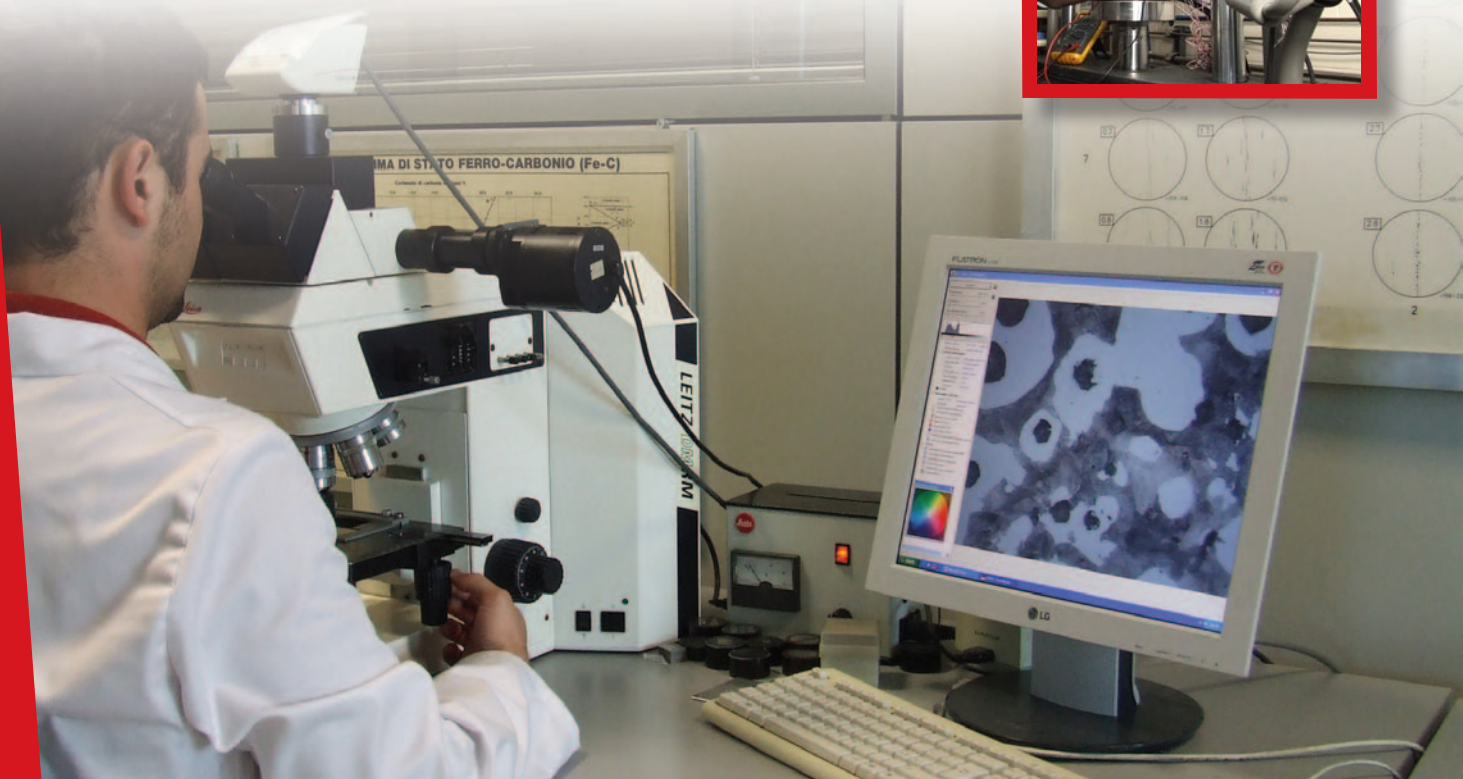
Magnetic Particle Testing (Visible and Fluorescent)

Liquid Penetrant Testing (Visible and Fluorescent)

Insitu Replica Metallography

Site Hardness Testing

Ferrite Testing



THIRD PARTY INSPECTIONS

In this role AEI-TSD provides Clients with reliable information through inspection carried out at manufacturers' premises by technically competent and vigilant teams.

The services include:

- Inspection at the manufacturing and/or construction / commissioning stage
- Inspection of Equipment already in use to determine its condition
- Pre-shipment Inspection of miscellaneous products to verify Quality as well as Quantity
- Witnessing and verification of tests performed as per codes
- Industrial Paint Thickness Inspection and paint adhesion testing of pipes and vessels;

Shut Down Inspections

AEI-TSD has all round capabilities and experience in the field of Inspection services required during Plant Shut Down / Annual Turn Around. We deploy trained, certified and experienced Manpower to perform;

- Visual inspections
- Non Destructive Examination
- Calibration of process control instruments
- Control Valves
- Pressure Safety Valves / Pressure Relieve Valves
(including minor repairs) and other routine Shut Down activities.

AEI-TSD has resources to depute trained / qualified / competent manpower for conducting inspections to ensure that the Inspections conform to relevant international codes and standards. Our inspectors can handle mechanical and electrical inspections for verification and certification. The inspectors enhance the confidence of end users through a system of vigilant inspections and tests of the service / product they receive through their contractors / suppliers.

AEI-TSD has resources, skills and commitment to execute inspection and testing related jobs in all of the above listed areas to the entire satisfaction of our valued Clients.



AUDITS AND TRAININGS

We have highly experienced and certified team of auditors and trainers. Through our experienced teams we provide services in the following areas:

Audits

- Client Audits
- Vender audits
- Internal Audits
- External Audit preparation
- Complete documentation preparation
- Procedure writing and approvals

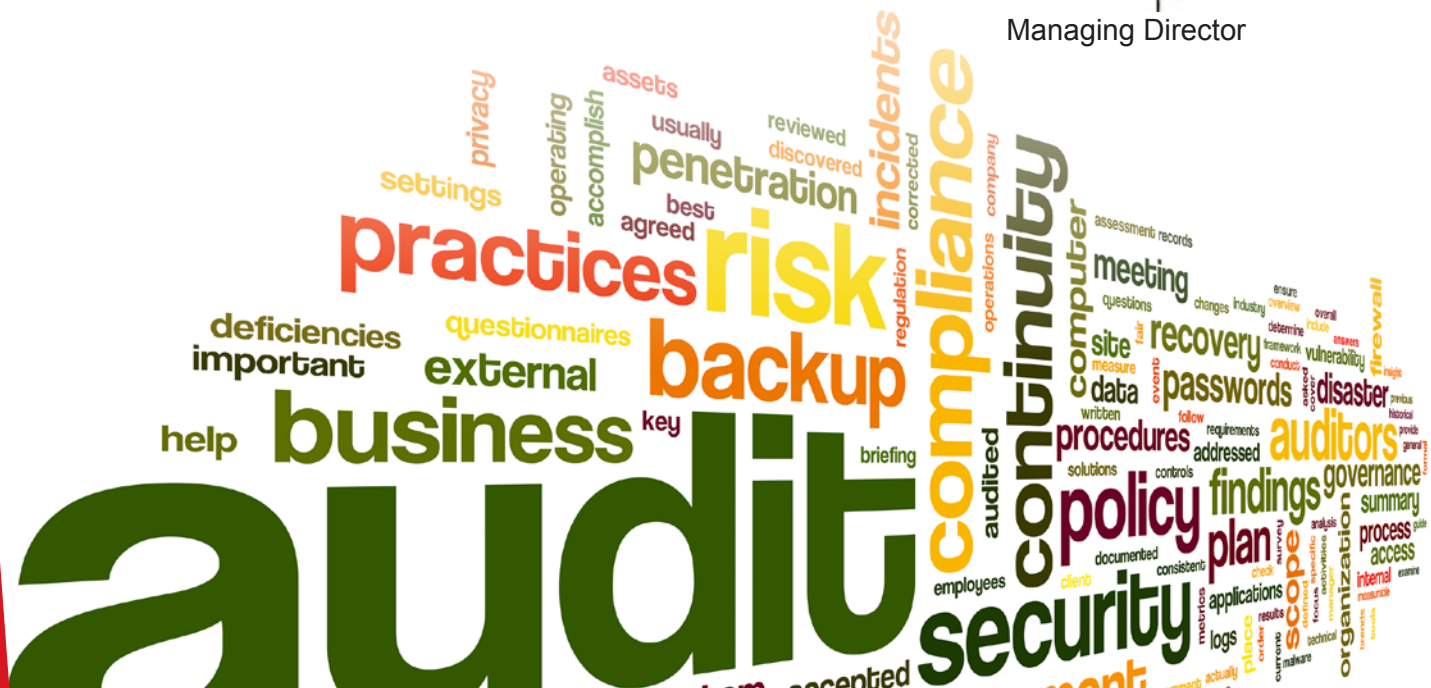
Trainings

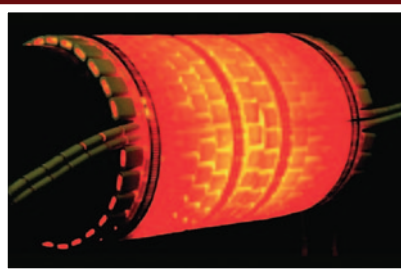
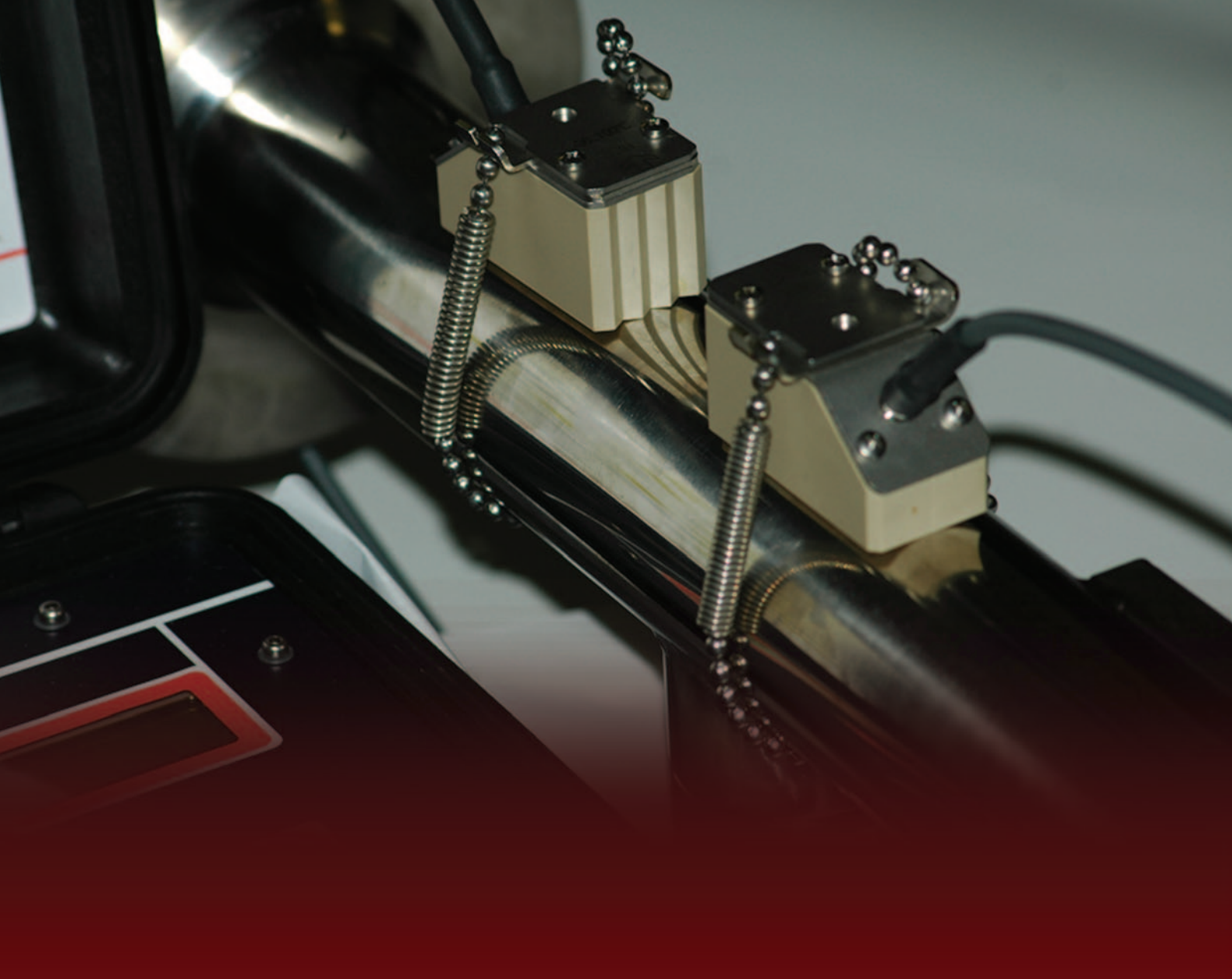
- Quality, Health, Safety and Environment
- Safe use of Cranes and Lifting Accessories
- Safe use of Material Handling Equipment
- Safe use of Forklift Trucks
- Safe use of Elevated Work Platforms
- Safe use of Scaffolds
- Safe use of Hand Tools
- Safe Use of Personal Protective Equipment
- Calibration of Measuring and Monitoring Devices

PROFESSIONAL INTEGRITY

In accordance with our Quality, Health, Safety and Environment (QHSE) Policy, we are committed to win the confidence of internal and external stake holders.







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