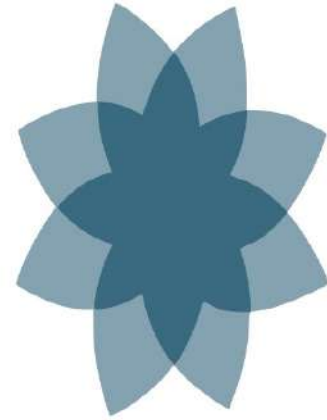




T.I.C

تمكين الصاعد للتفتيش والمطابقة
Tamkeen Assaad for Inspection and Conformity

COMPANY PROFILE

TAMKEEN ASSAAD FOR INSPECTION AND
CONFORMITY

ABOUT US

TIC was founded by group of experts who have an enormous experience in inspection in deferent industries such as oil & gas , NDT, Lifting equipment testing medicine, medical equipment , food our company is highly qualified by getting both ISO 9001/2015 , ISO IEC17020 /2012 from local and international accreditation bodies TIC has an extensive group of highly trained inspectors in all sectors, and Together with our local & international partners , Our inspection services are available at any time where ever the client need . Our target is to establish the principle of trust between all parties including institutions , producers and consumers



SERVICES

- Third-Party Services
- Lifting Equipment and accessories Inspection and training Services
- Non-Destructive Testing (UT,PT,MT,RT,..ETC.)
- Advanced inspection & testing (e.g., PAUT, LRUT, PEC ...etc.)
- Component and materials testing laboratory
- Equipment & tools Calibration (safety valves, pressure gauges ,..etc)
- Tanks, Silo's calibration services.
- Failure analysis services
- Supply Chain Services
- Manpower supply & project supervision.
- Asset integrity and RBI and fitness for service
- Product certification (e.g.: CE mark).
- Health and Safety supervision
- Environmental services.
- Marine services .



THIRD-PARTY SERVICES

- Third-party services is the process of monitor and manage interactions with all external parties.
- Four types of third-party quality inspection:
 - 1) A pre-production inspection tells the buyer which kind of raw materials (or components) will be used.
 - 2) A during production inspection (often called “DUPRO” in the industry) allows the buyer to have an idea of average product quality, early in the production cycle.
 - 3) The final random inspection (also called “preshipment inspection”) is by far the most common type of QC check.
 - 4) The container loading inspection, like the preproduction inspection.



LIFTING SERVICES

We offer wide range of Inspection on lifting equipment (On shore cranes, offshore cranes, Overhead cranes, Forklifts, man lifts, ...etc) divided into main four sectors:

Testing for lifting
equipment

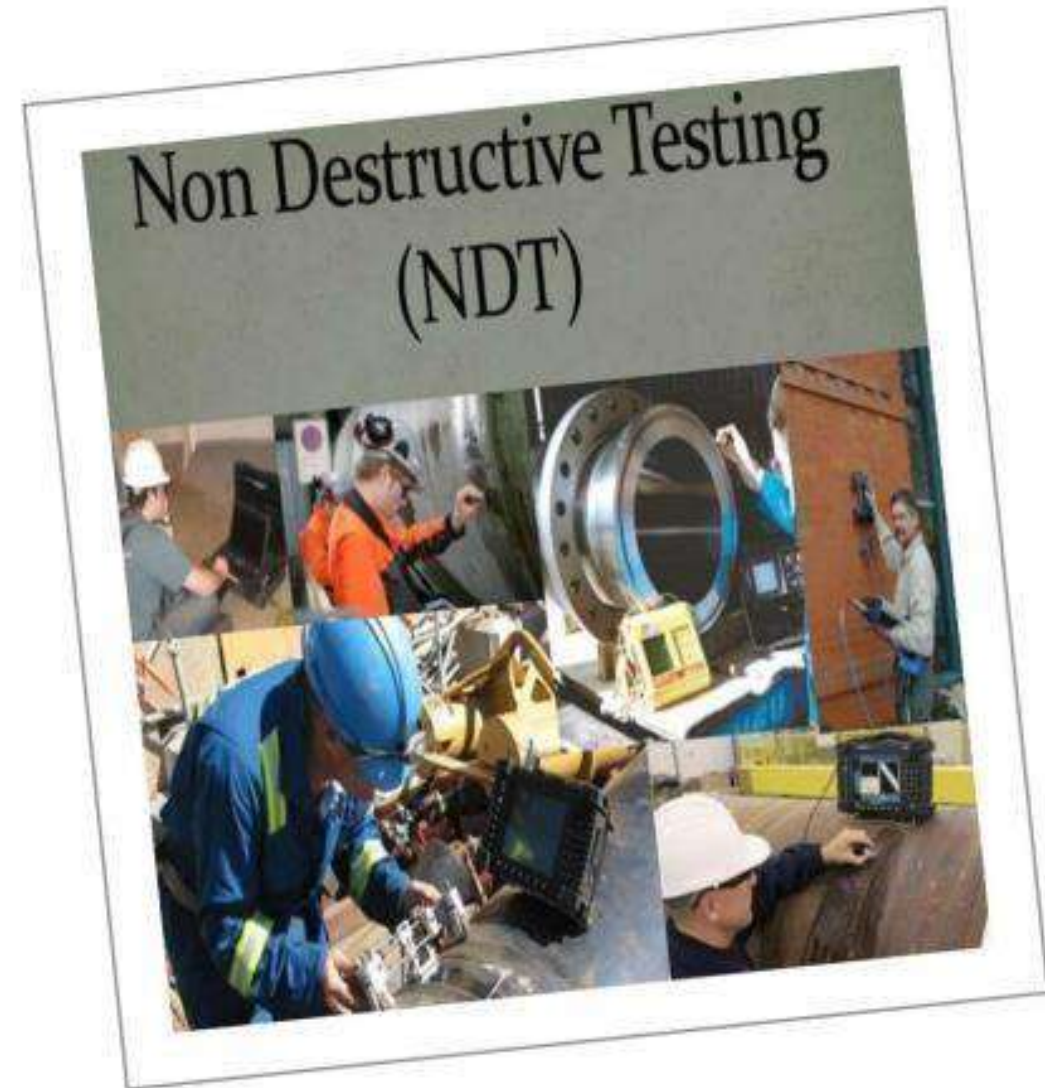
Visual inspection
for lifting
equipment

Training services

Magnetic particles
inspection

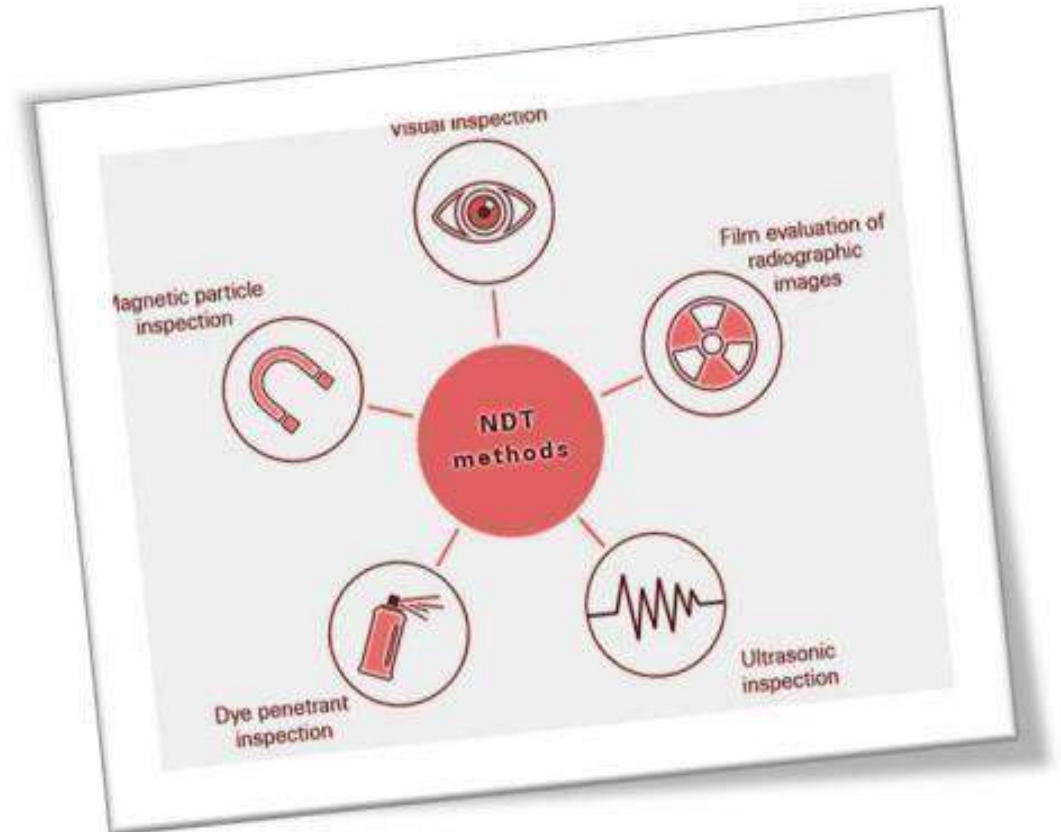
NON-DESTRUCTIVE TESTING

- **Nondestructive testing (NDT) is a wide group of analysis techniques used in industry to evaluate the properties of a material, component or system without causing damage.**
- **OUR NDT team is Qualified & certified According to (SNT-TC-1A) & According to (EN 473 & ISO 9712).**
- **our NDT equipment and tools are up to date, tested, calibrated, fully operational and supplied with its calibration certificate.**



NON-DESTRUCTIVE TESTING

- We provide wide range of conventional Inspection (NDT Test):
 - Ultrasonic inspection (UT).
 - Magnetic Particles inspection (MT).
 - Radiographic inspection (RT).
 - Liquid Penetrant Testing (PT).
 - Visual inspection (VT).
 - Hardness measurements.
 - Painting inspection.
 - pressure Test (hydrostatic , pneumatic)
 - Vacuum Box Tests.
 - Positive Material identification PMI.
 - Holiday Detection Examination .



ADVANCED NDT TESTING

- We offer wide range of Advanced Inspection which could be divided into main four sectors:

Storage Tank &
pressure vessel
Inspection

Pipeline
inspection

Welding
Inspection

Tubular
Inspection

ADVANCED INSPECTION

PIPELINE INSPECTION.

- 1) Long range ultrasonic (LRUT) for pipelines.
- 2) Phased Array Scanning of Piping Systems (PAUT).
- 3) Pulsed Eddy Current (PEC).
- 4) SRUT – Corrosion Under Pipe Supports

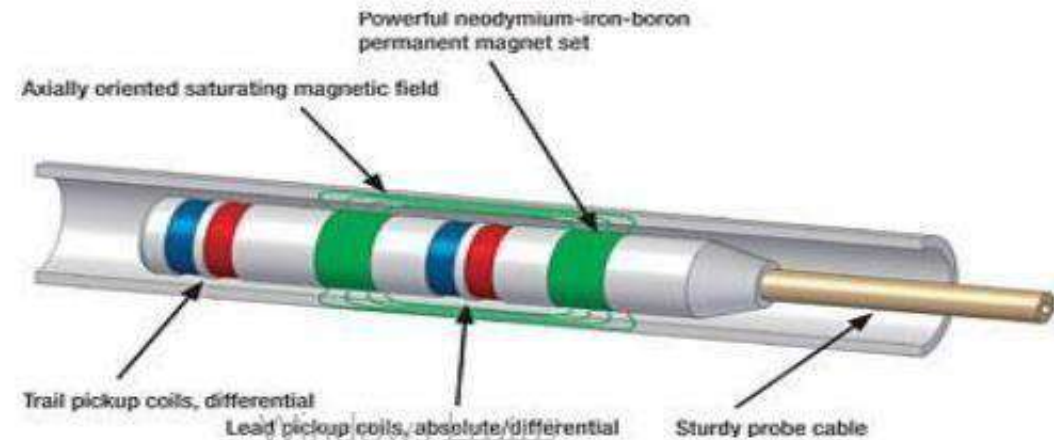
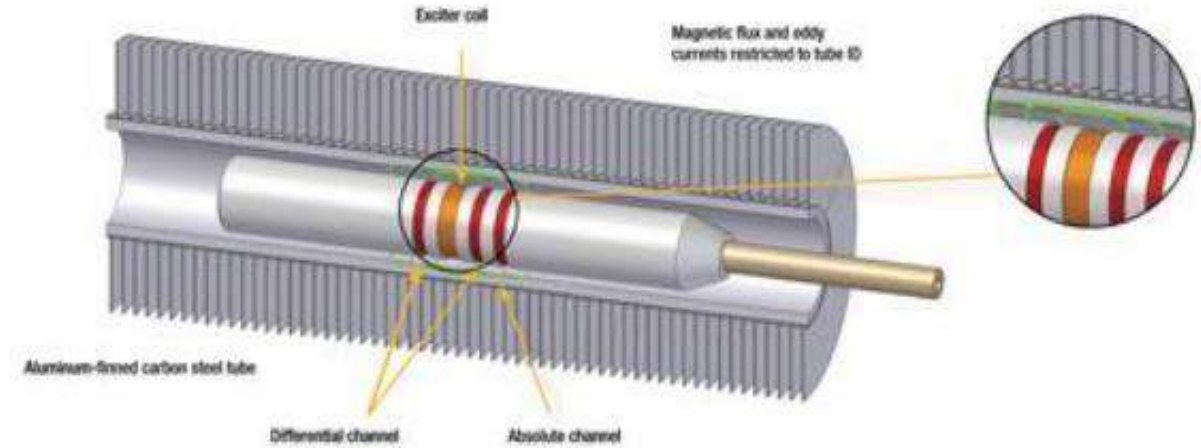


ADVANCED INSPECTION

TUBULAR INSPECTION

TUV Austria offer six techniques of tube inspection for heat exchanger , air cooler & Boilers

- Tube Inspection with Eddy Current Testing (ECT).
- Tube Inspection with Internal Rotating Inspection System (IRIS) for Ferrous and Nonferrous Materials.
- Tube Inspection with Remote Field Testing (RFT).
- Tube Inspection with Near Field Testing (NFT)
- Tube Inspection with Magnetic Flux Leakage (MFL).
- Tube Inspection with Acoustic eye.



ADVANCED INSPECTION

STORAGE TANK INSPECTION :

- 1) Magnetic flux leakage inspection (MFL).
- 2) Robotic tank inspection.
- 3) Acoustic emission inspection.
- 4) Short Range ultrasonic inspection.
- 5) Pulsed Eddy Current (PEC).



ADVANCED INSPECTION

WELDING INSPECTION :

- 1) phased Array ultrasonic inspection (PAUT).
- 2) Time of flight deflection (TOFD).
- 3) Acoustic Emission(AET) .



MATERIALS TESTING

Due to **T.IC & TUV AUSTRIA Cooperation Agreement** a wide testing and services are conducted in our labs . All TUV Austria laboratories is accredited to ISO/IEC 17025

- Chemical analysis.
- Tensile testing.
- Fatigue testing.
- Bending testing.
- Impact testing.
- Compression test.
- Macro & Microstructure analysis.
- Failure analysis services.
- Microscopic examination.



EQUIPMENT & TOOLS CALIBRATION.

1. Valves and safety Valves

- a. Conversers
- b. Flow computers, pressure gauges and Pressostats.
- c. Level gauges
- d. Magnetic, vortex, positive displacement, and mass flow meters.
- e. Pressure, level, temperature, and flow transmitters.
- f. Thermometers and thermo devices.
- g. Valves.

2. Mechanical Tools.

3. Welding Tools.

4. NDT Equipment.

5. Gas Analyses.

6. Vessels and ISO Tanks.



تنشيط Windows

انتقل إلى الإعدادات لتنشيط Windows

TANKS, SILO'S CALIBRATION SERVICES

- Customers face a need for accurate volumetric tables and quantity measurement to control stock held in storage vessels. T.I.C can provide accurate and detailed measurement and calibration of storage tanks to ensure customers don't encounter issues.
- Up to date accurate calibration tables are an essential requirement for stock control and loss management.
- Volumetric Calibration tables is the ideal method for most tank, reactor, hopper and silo, saving time and money.

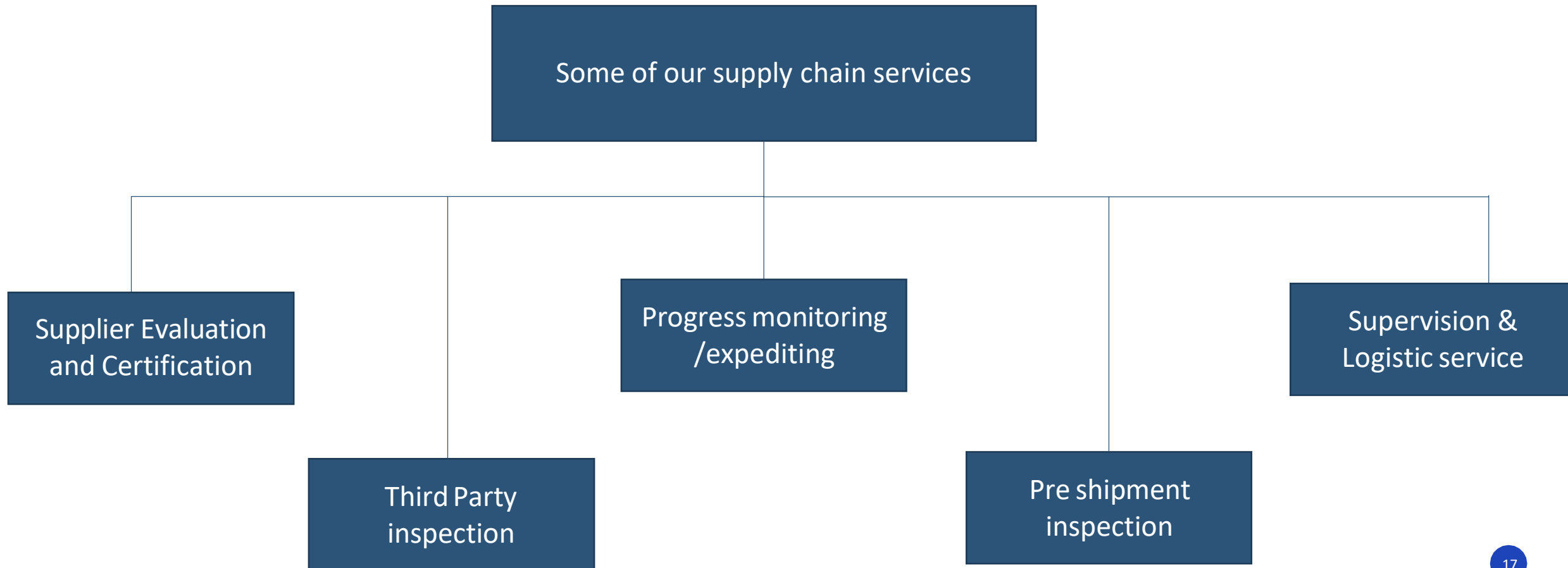


FAILURE ANALYSIS

- WE offer wide testing services with accurate results.
- All laboratories are accredited to ISO/IEC 17025.
- first step in a root cause failure analysis is data collection. During this step, T.I.C will collect information about how the device failed and when it occurred. We will also work with you to determine your goals for the failure analysis examination, determine how the part should operate, and consult with additional subject matter experts, if needed.



TAMKEEN SUPPLY CHAIN SERVICES



MANPOWER SUPPLY & CONSTRUCTION SUPERVISION

- T.I.C provides highly talented and skilled Engineers, technicians, supervisors and skilled workers for construction and maintenance jobs in various projects of Civil & Structural, Mechanical and E&I. We follow well organized system and standard procedure in selecting personnel and resources where we stand unique and apart from other service providers which meets the expectations of our clients.



ASSET INTEGRITY MANAGEMENT

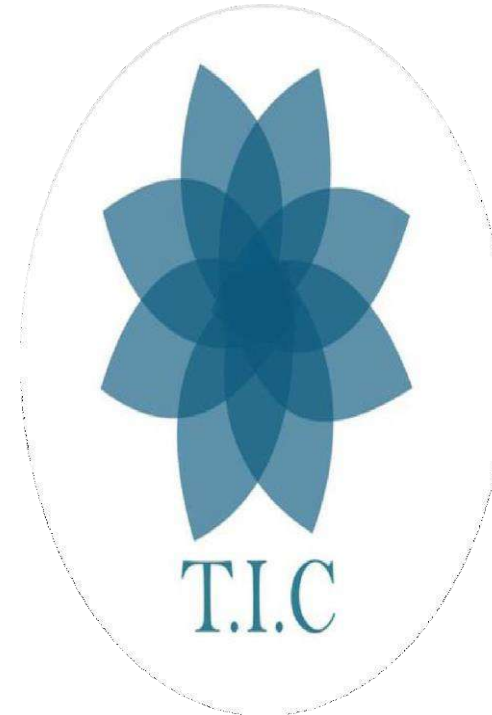
Partnering to achieve your inspection, engineering, data management and safety goal.

- (AIMS) is the term for an asset's capacity to run effectively and accurately, An asset has integrity when it is operated and maintained so that the combination of the likelihood of failure and the consequence of failure makes the risk to people, to the environment, and to the company.
- To gather with our partners we have extensive experience in developing and documenting risk-based, time-based, and condition-based inspection programs for regions all over the world. Our programs meet API-580, API581, PAS 55 and other appropriate requirements as applicable



PRODUCT CERTIFICATION

- Product certification or product qualification is the process of certifying that a certain product has passed performance tests and quality assurance tests, and meets qualification criteria stipulated in contracts, regulations, or specifications.
- Certification by TÜV AUSTRIA creates confidence and is objective proof of the quality of the product. Proofs of certification from TÜV AUSTRIA are primarily conceived of as clear and compact information for buyers, decision-makers and clients. Products that have been certified by TÜV AUSTRIA often have a significant competitive advantage.



HEALTH AND SAFETY SUPERVISION

- **Protect Your People. Reduce Your Costs.**
- **Workplace injuries cost manufacturers billions of dollars annually. we helps thousands of manufacturing companies reduce injuries and associated costs through a program of continuous training, reinforcement, and engagement.**
- **Safety, Health, Environment and Wellbeing and our experts provided insights on Road Traffic Safety Management Systems and global industry standards to an audience of health and safety professionals and industry leaders.**



ENVIRONMENTAL SERVICES

- Our environmental services help industrial and public sector clients around the world balance growth with resiliency — achieving compliance and reducing, or eliminating, risks while protecting our natural environment.
- We work closely with clients and communities to solve the most complex environmental challenges throughout the business life cycle: asset development, operations optimization, integrated products, and restoration and reuse. Our core value of Safety underpins all our work.



MARINE SERVICES

- Pre-Shipment / Pre-Loading survey
- Pre-Loading / Loading container inspection , sealing / unsealing .
- Preloading / Post loading :

Condition and Securing of cargo .

- Supervising loading / discharging operations .
- Draft Survey : Initial , Intermediate and final .
- Ullaging , Sampling and tallying .
- On/Off Hire bunker and/or condition survey.
- Pre-Purchase condition survey.
- Hull and Machinery damage condition survey.
- Hatch cover and safety doors tightness test
(Ultrasonic).
- Cargo damage and loss issue Investigation

Sealing/unsealingetc.

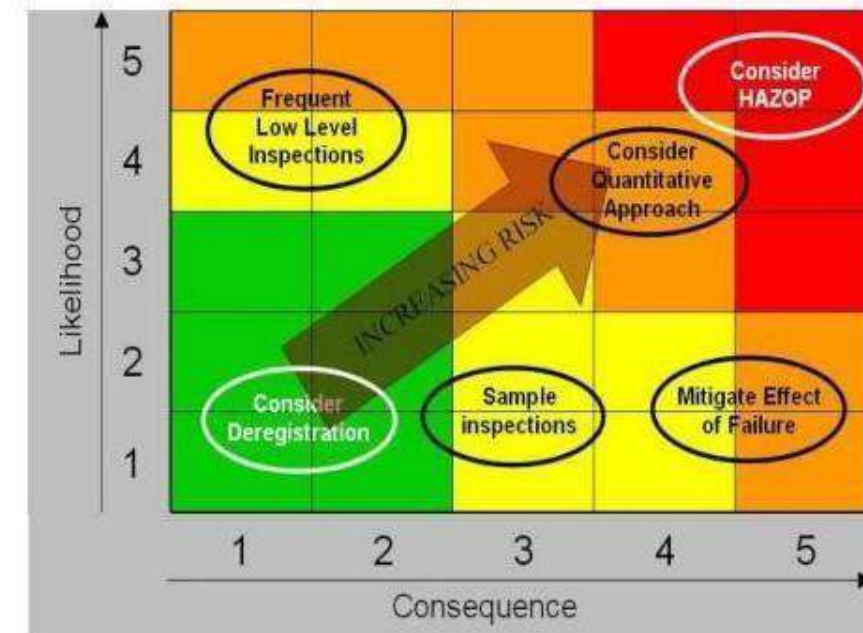


RISK BASED INSPECTIONS

balances your inspection costs and risk by combining our people skills and experience with the appropriate technology and software for inspection and maintenance planning.

- If you are involved in the oil, gas or petrochemical industry, you face increased pressure to reduce risks and improve safety and reliability cost effectively.
- risk-based inspection service enables you to balance inspection costs and risk by using appropriate technology and software for inspection and maintenance planning.
- risk-based inspection service enables you to develop the best approach for your inspection activities using risk analysis.

The RBI+[®] Process – Analysis of Risk



T.I.C CERTIFICATIONS

- ISO/ICE 17020-2012
- ISO 9001/2015



Certificate of Registration



This is to certify that Environmental Management System of



T.I.C.
تمكين الصاعد للتفتيش والمطابقة
Tamkeen Assaad for Inspection and Conformity

Tamkeen Assaad for Inspection and Conformity

Alandalus gate, Tripoli, Libya

is in accordance with the requirements of the following standard

ISO 14001:2015

(Environmental Management System)

SCOPE

1. Lifting equipment inspection
2. Non destructive test (NDT)
3. Cargo inspection (food, medical, petroleum, general cargo)
4. Third party inspection

Certificate Number : SCK/02/TAF/23/21/2544

Initial Registration Date : 11-May-2023

1st Surveillance Date : 11-Apr-2024

2nd Surveillance Date : 11-Apr-2025

Certificate Expiry Date : 10-May-2026

To verify certificate, visit at :

www.sckcerts.com

www.iafcertsearch.org

Issued by SCK Certifications Pvt. Ltd.

Adhishak
Director



MSCB -244



ACCREDITED
Management Systems
Certification Body



Accreditation Board : 3060, Saturn Street, Suite 100, Brea, California 92821-1732, USA

This certificate remains the property of SCK and must be returned to SCK on Cancellation or Suspension of the certificate. Validity of the certificate is subject to successful completion of surveillance audits. Further clarification regarding the scope of this certificate and the applicability of standard may be obtained by consulting the Organisation on info@sckcerts.com

Certificate of Registration



This is to certify that Occupational Health & Safety Management System of



تمكين الصاعد للتفتيش والمطابقة
Tamkeen Assaad for Inspection and Conformity

Tamkeen Assaad for Inspection and Conformity

Alandalus gate, Tripoli, Libya

is in accordance with the requirements of the following standard

ISO 45001:2018

(Occupational Health & Safety Management System)

SCOPE

1. Lifting equipment inspection
2. Non destructive test (NDT)
3. Cargo inspection (food, medical, petroleum, general cargo)
4. Third party inspection

Certificate Number : SCK/03/TAF/23/21/2545

Initial Registration Date : 11-May-2023

1st Surveillance Date : 11-Apr-2024

2nd Surveillance Date : 11-Apr-2025

Certificate Expiry Date : 10-May-2026

To verify certificate, visit at :

www.sckcerts.com

www.iafcertsearch.org

Issued by SCK Certifications Pvt. Ltd.

Adhishak
Director



MSCB -244



ACCREDITED
Management Systems
Certification Body



Accreditation Board : 3060, Saturn Street, Suite 100, Brea, California 92821-1732, USA

This certificate remains the property of SCK and must be returned to SCK on Cancellation or Suspension of the certificate. Validity of the certificate is subject to successful completion of surveillance audits. Further clarification regarding the scope of this certificate and the applicability of standard may be obtained by consulting the Organisation on info@sckcerts.com

CONTACT US

✉ info@tamkeenco.ly

✉ info@tuvlibya.com

🌐 www.tuvlibya.com

General manger :
Eng.Ali Agireb

✉ ali@tamkeenco.ly

✉ ali@tuvlibya.com

☎ 00218914267378



Operation manger:
Eng.Ahmed almusraty

✉ ahmed@tamkeenco.ly

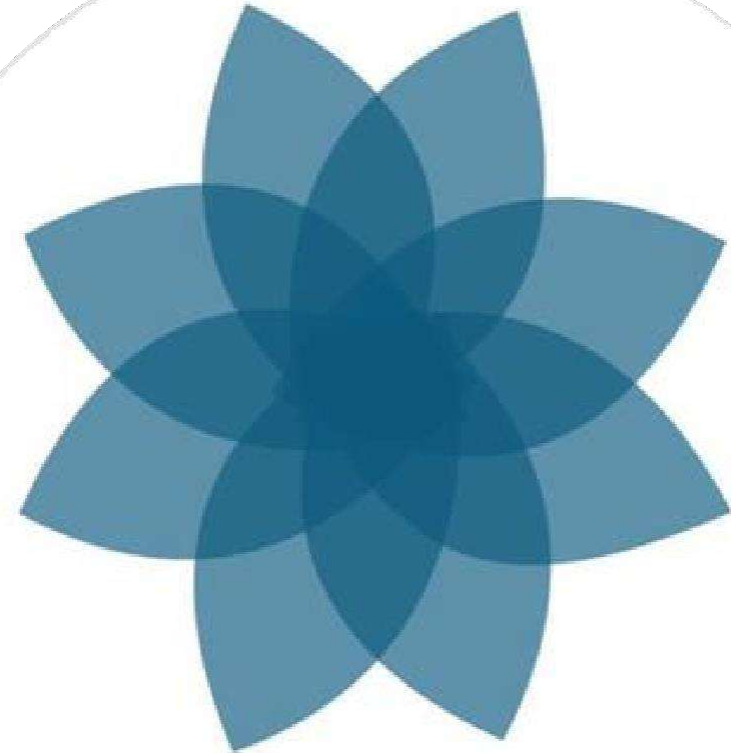
✉ ahmed@tuvlibya.com

☎ 00218923021819



Hai Al-Andalus_Tripoli_Libya

Al-Andalus gate -2nd floor – office20



T.I.C