

COMPANY P Q D



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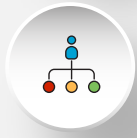


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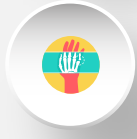
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YOUR
TRUSTED
PARTNER



for Testing | Inspection | NDT

Operating through its group entities – Trans Asia Industrial Laboratories, Trans Asia Inspection Laboratories, and APTS – the organization delivers comprehensive and specialized testing, inspection, and NDT services.



Group of Companies



Comprehensive testing and analytical services, including mechanical testing, chemical analysis, metallurgical examination, failure analysis, and replica metallography.



Providing end-to-end inspection services—field, welding, quality, and equipment inspections—to support safety, compliance, and operational integrity.



Offering a full spectrum of conventional and advanced NDT services to accurately identify defects and ensure structural reliability.

Introduction

Trans Asia Industrial Laboratories (TIL), part of the Trans Asia Group, is a multidisciplinary testing and inspection facility delivering reliable, high-quality services aligned with international standards.

Fully equipped with advanced technology, TIL offers Physical, Mechanical, Corrosion, Metallography, Chemical, Failure Investigation, Asset Integrity Assessment, Filed Inspection, Post-Weld Heat Treatment and Non-Destructive Testing (NDT) services.

Our certified and accredited systems (ISO 9001:2015, ISO 14001:2015, ISO 45001:2018, ISO/IEC 17025:2017, ISO/IEC 17020:2012) ensure precision, quality and consistency and regulatory compliances.



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At TIL, we are dedicated to delivering world-class testing and inspection services built on precision, quality, and reliability.



Industries We Serve

We provide reliable inspection and integrity solutions across a diverse range of industries. Our expertise ensures safety, compliance, and performance for clients operating in some of the world's most demanding environments, the clients include:

- Aerospace / Aviation
- Automotive
- Chemical
- Commercial Properties
- Energy
- Industrial
- Construction
- Government
- Consumer Products
- Insurance / Legal
- Manufacturing
- Military
- Nuclear
- Oil & Gas
- Pharmaceuticals
- Power Generation
- Marine





Across every industry, our commitment remains constant:

To provide accurate, dependable, and technically competent inspection and integrity solutions that keep your operations safe, efficient, compliant, and future-ready.

With our qualified personnel, accredited systems, and cutting-edge equipment, we stand as a trusted partner—delivering assurance, minimizing risk, and enabling confident decision-making for critical assets and infrastructure.



Across every industry, we deliver **trusted** laboratory services, NDT solutions, and field inspection **services** that uphold safety, quality, and integrity – every time.



Industry

Recognition

Trans Asia Industrial Laboratories (TIL) is a trusted, accredited analytical and inspection partner serving diverse industries. With advanced facilities and ISO-certified systems, TIL provides mechanical, metallurgical, chemical, and microbiological testing, corrosion studies, and advanced NDT and field inspection services across oil, gas, petrochemical, and marine sectors.



EIAC

Accreditation

Certified by EIAC (LB-TEST-225 & IB-188) under ISO/IEC 17025 and ISO/IEC 17020, TIL delivers a full range of mechanical, metallurgical, chemical, and non-destructive testing (NDT) services, supporting the oil, gas, petrochemical, and marine industries with exceptional precision, reliability, and compliance to international standards.



ADNOC

Approval

Proudly ADNOC-approved, we meet the rigorous standards of the UAE's leading energy authority – ensuring trusted, high-quality services.



IMS

System

TIL operates under a robust Integrated Management System (IMS) that aligns with the requirements of ISO 9001:2015 (Quality Management System), ISO 14001:2015 (Environmental Management System), and ISO 45001:2018 (Occupational Health and Safety Management System).

ICV

Sustainability

In-Country Value (ICV) certified under the UAE's national ICV program, demonstrating its commitment to supporting the sustainable growth.

Our Services

01) **Laboratory Testing**

Comprehensive laboratory testing services including mechanical, metallurgical, corrosion, and chemical tests, plus expert failure analysis ensuring quality, reliability, and performance.

02) **NDT Solutions**

Specialized NDT and PWHT services delivering precise inspections, defect detection, and controlled heat treatment to enhance component strength, safety, and service life.



**Delivering
precision and
trust through
our **expert
services.****

03) **Field Inspection**

Specialized field inspection services providing accurate on-site assessments, equipment verification, welding evaluation and quality assurance to maintain operational reliability.



We provide comprehensive Laboratory Testing, Non-Destructive Testing (NDT), Inspection Services, and Post Weld Heat Treatment (PWHT) to support asset integrity and compliance across industries.

Our laboratory services include mechanical, metallurgical, chemical, corrosion, and failure analysis, ensuring material reliability.

Using conventional and advanced NDT methods, we assess welds and components without damage.

Our inspection services cover on-site evaluation, welding oversight, quality audits, and third-party verification.

Skilled professionals deliver PWHT to improve strength and service life.

Across all solutions, we focus on precision, reliability, and performance excellence.

Our Services

01) Laboratory Testing

- Failure Analysis
- Corrosion Testing
- In Situ Replica Metallography
- Tensile / Bend Test
- Charpy Impact Test
- Hardness Test / Survey
- Macro Examination
- Micro Examination
- Fillet Fracture Test
- Nick Break Test
- Through Thickness Test
- HIC – Hydrogen Induced Cracking
- SSC Sulphide Stress Cracking Test
- Chemical Composition Analysis

02) NDT Solutions

- PWHT – Post Weld Heat Treatment
- Baroscopic Investigation
- MFL Tank Floor Inspection
- Coating Thickness Measurement
- Vacuum Testing
- Ferrite Testing / Pullout Test
- On site Portable Hardness Test
- Holiday Testing
- Ultrasonic Testing
- Magnetic Particle Testing
- Dye Penetrant Testing
- Visual Inspection

- Advanced NDT (Eddy Current, PAUT, LRUT, TOFD)
- Dolly Testing / Pullout Test

03) Field Inspection

- Plant and Pipeline Integrity Surveys
- Shutdown and Turn-around Inspections
- In Service Inspection / Condition Monitoring
- Fitness for Service Assessment – API 579
- Welding Inspection
- Painting & Coating Inspection
- Tank Inspection API 653
- Inspection of Piping (API 510)
- Inspection of Pressure Vessel (API 570)
- Welder Qualification Tests
- Level III Consultancy Services
- Supply of Painting and Coating Inspectors
- Supply of QA/QC Inspectors
- Supply of Metallurgist / Chemist



Where technical **excellence** meets trusted **results.**



Laboratory Testing Services

Trust our laboratory testing to validate strength, durability, and material integrity every time - reliably and confidently.



Technical Expertise

Credibility

Equipped with advanced technology and accredited expertise, we ensure accurate results and dependable inspection outcomes across every project.





Mechanical Testing

Strength

Delivering accurate strength evaluations to ensure material reliability and performance integrity.



Chemical Testing

Precision

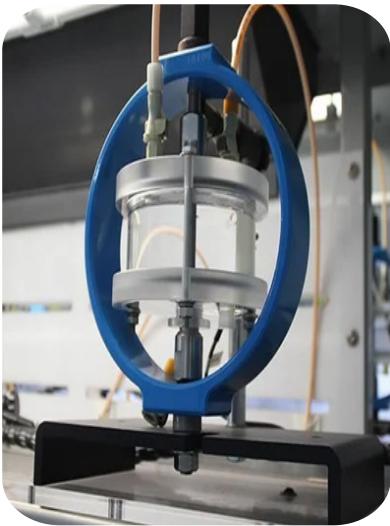
Our advanced chemical analyses provide accurate, reliable data to ensure product consistency, quality control, and compliance.



Failure Analysis

Insight

Uncovering root causes through expert investigation to enhance reliability, reduce downtime, and prevent recurring component failures.



Corrosion Testing

Protection

Evaluating corrosion resistance to safeguard materials, extend lifespan, and ensure long-term durability and safe operations.



Metallurgical Testing

Intrinsic

Measures intrinsic properties to guarantee metals maintain required strength, toughness, and durability for industrial performance.



Replica Testing

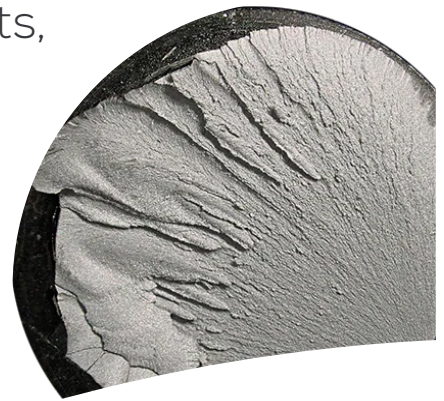
In-situ

Enables non-destructive metallography, capturing intrinsic material properties, monitoring degradation, without component removal.

Failure Analysis

Failure analysis is a multi-faceted, holistic approach to determining how and why a material or product failed. Failure analysis is a critical aspect of product development and system improvement which not only helps us learn from the past, but helps prevent future failures.

Our teams of expert metallurgists, chemists, and materials scientists are recognized as some of the most experienced in their field. They have decades of hands-on experience in performing root cause analysis for failures across many sectors, including Aerospace, Oil & Gas, Steel.



The Principal Task of a failure analyst during a physical cause investigation is to identify the sequence of events involved in the failure.

The tools of failure analysis include test machines and analytical instruments and also conceptual tools. They include various pattern recognition skills (in the interpretation of macrofractographs, microfractographs, and metallographic images) and engineering and scientific knowledge based on physical metallurgy, polymer physics, solid-state physics, stress analysis, chemistry, and many other fields.

In addition, investigations of a failure employs various tests and techniques to characterize the condition of material and its properties. The process is complex, draws upon many different technical disciplines, and uses a variety of observation, inspection.

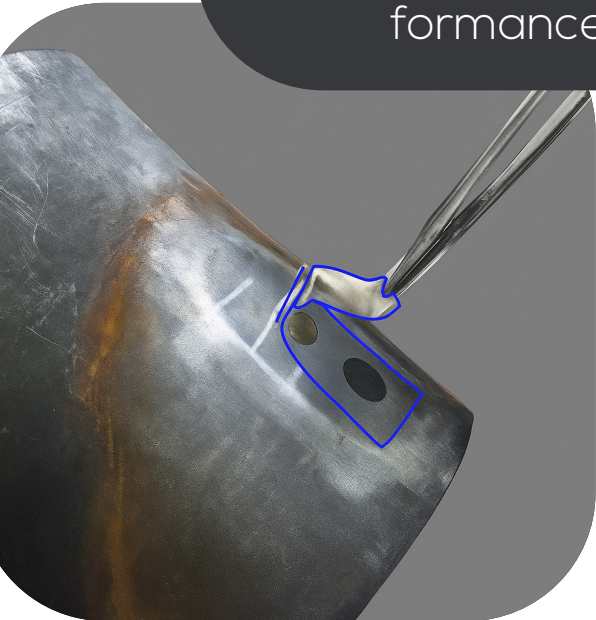


Identifying root causes of failures to enhance **reliability, safety, and performance.**

Replica

Test

In-situ replica metallography reveals metals' microstructures, enabling non-destructive evaluation to ensure strength, durability, and advanced material performance.



1. Grinding

Surface irregularities and oxidation are removed by sequential abrasive grinding, creating a smooth, uniform surface for accurate replica formation and analysis.

2. Polishing

Fine polishing eliminates micro-scratches from grinding, producing a mirror-like finish, ensuring the replica faithfully captures the metal's microstructure without distortion.

3. Etching

A chemical or electrolytic etchant selectively reveals microstructural features, grain boundaries, and phases on the polished surface, enhancing contrast for evaluation.

4. Evaluation

The prepared replica is examined under optical or electron microscopy to assess microstructure, defects, phase distribution, and ensure material strength and reliability.



Revealing metals' **intrinsic** and inherent structures.



NDT

Solutions

Detect flaws, ensure integrity, and build trust with advanced non-destructive testing solutions designed to identify defects, validate material performance, and maintain operational excellence.



Technical Expertise

Detection

Backed by accredited expertise and equipped with both conventional and advanced NDT technologies, we provide accurate results and dependable insights that safeguard your assets and operations.

Our comprehensive non-destructive testing solutions uphold quality and integrity in every inspection, ensuring reliability, safety, and performance across all stages of your project.



Conventional and Advanced NDT

Detection and Solutions

Fully equipped to perform a complete range of Non-Destructive Testing (NDT) services, including X-Ray and Gamma Radiography, Ultrasonic Flaw Detection, Phased Array Ultrasonic Testing (PAUT), Eddy Current Testing, Fluorescent and Conventional Magnetic Particle Testing, Liquid Penetrant Testing, as well as Visual and Borescopic Inspection—ensuring accuracy, reliability, and integrity across every inspection.

Backed by ASNT Level III certified professionals, a team of certified operators and accredited to ISO 17020, we bring experience across ASME and API standards to deliver reliable and comprehensive NDT solutions.



Ensuring Defects **Never Pass.** Safeguard your materials and structures with our NDT Solutions.

NDT

Solutions

Our Non-Destructive Testing (NDT) services deliver precise, reliable, and internationally compliant inspection solutions to ensure the integrity and safety of materials, components, and structures.

Using advanced techniques such as PAUT, TOFD, IRIS and conventional NDT such as ultrasonic, radiographic, magnetic particle, and dye penetrant testing, we help industries detect hidden flaws without compromising performance. Our expert team ensures adherence to global quality standards, supporting clients across sectors like manufacturing, oil and gas, construction, and aerospace.





Radiographic Testing (RT)

Ultrasonic Testing (UT)

Magnetic Particle Testing (MPT)

Dye Penetrant Testing (DPT)

Visual Inspection (VT)

Phased Array Ultrasonic Testing (PAUT)

TOFD and Image Analysis

Tank Floor Inspection

Magnetic Flux Leakage (MFL)

IRIS Inspection

Eddy Current Test (ECT)

Alternating Current Field Measurement (ACFM)

Vacuum Testing

Ferrite Testing

Positive Material Identification (PMI)

Coating Thickness Measurement

Portable Hardness Testing

Conventional NDT

Solutions

Radiography Testing (RT)

Absorption

Radiographic Testing is a highly reliable Non-Destructive Testing (NDT) method used to detect internal discontinuities and structural inconsistencies in materials and welded joints. It is widely applied across industries to evaluate the integrity of welds, castings, structures, and composite components.

Using gamma-ray sources such as Ir-192, Se-75, or Co-60, as well as X-ray equipment, RT produces detailed images that reveal hidden defects like porosity, lack of fusion, inclusions, and service-induced cracks or corrosion.



Ultrasonic Testing (UT)

Modulation

UT is used to detect internal flaws, discontinuities, and material irregularities in welds, castings, forgings, and composites. It is particularly effective where radiographic testing is impractical due to geometry or limited access.

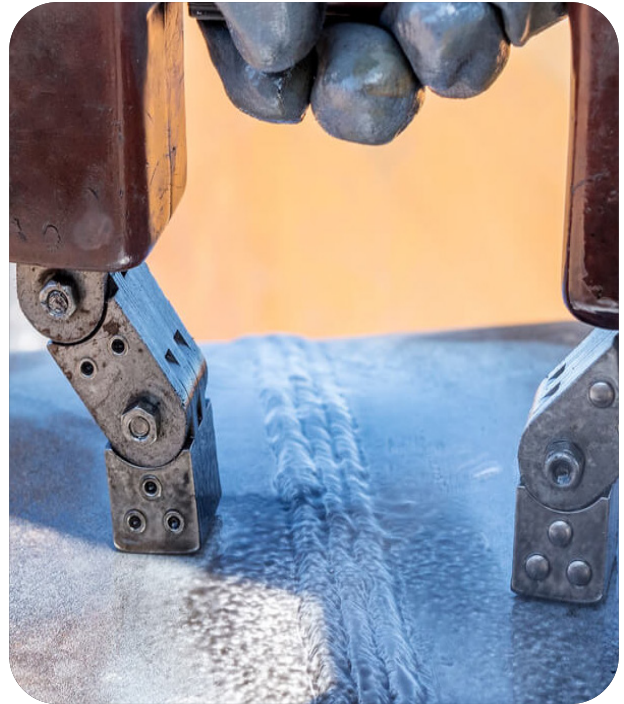
The technique involves transmitting high-frequency ultrasonic waves into a material and analyzing the reflected signals displayed on an instrument screen. Variations in these signals indicate the presence of defects such as cracks, lack of fusion, or inclusions—including size, depth and orientation.

Magnetic Particle Testing (MPT)

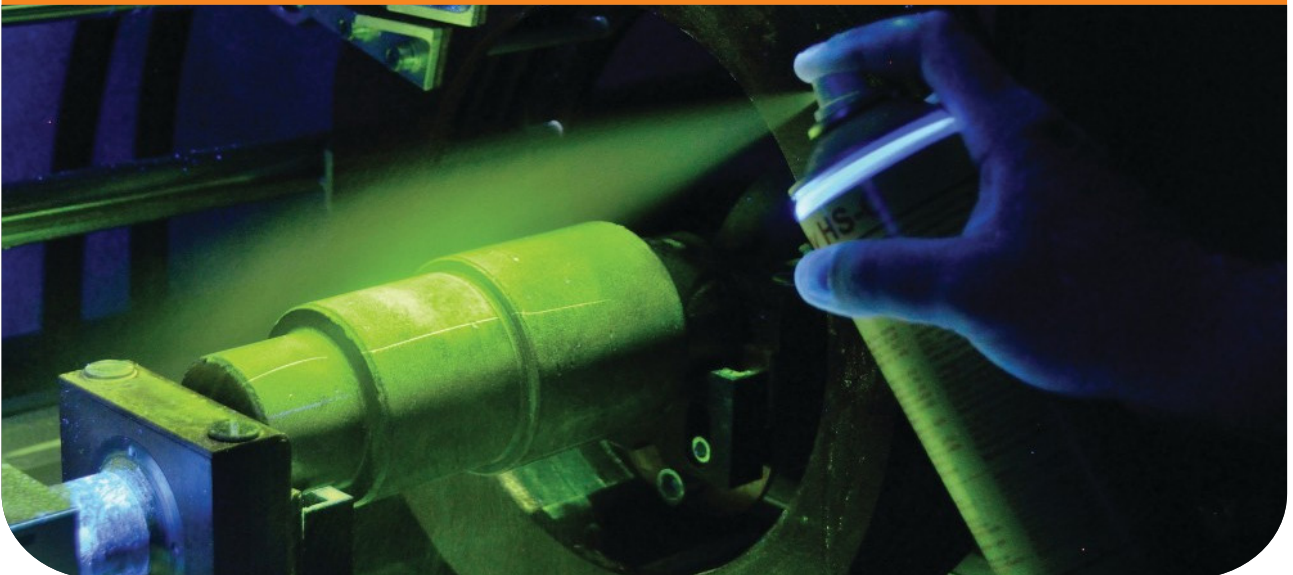
Accumulation

MPT is used to detect surface and near-surface defects in ferromagnetic materials. It involves temporarily magnetizing the component using an energized yoke to create a magnetic field. During magnetization, magnetic particles are applied to the surface—any discontinuities cause a disturbance in the magnetic field, forming visible indications at defect locations.

MPT is a fast and cost-effective inspection method widely used in the oil and gas, automotive, and manufacturing industries for detecting imperfections.



Ensuring hidden flaws are detected, structural integrity is verified, and component quality meets the highest industry standards—so your critical assets operate safely, efficiently, and with complete reliability.



Conventional NDT

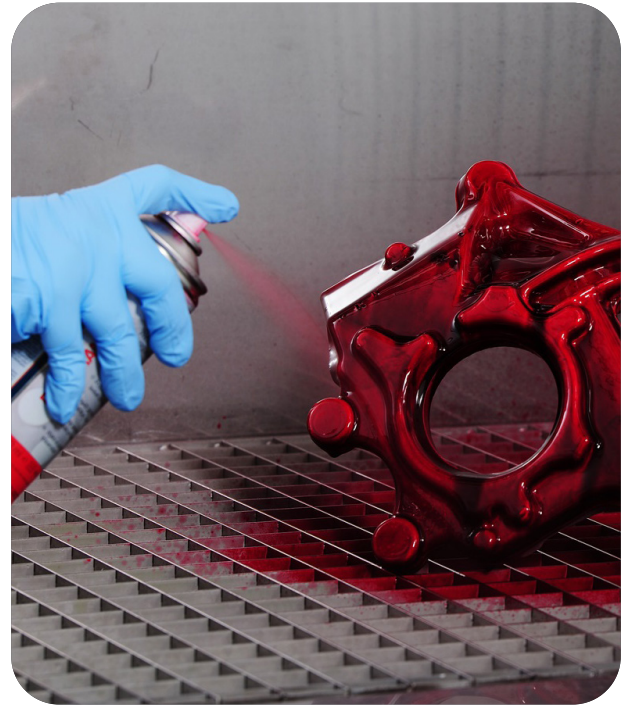
Solutions

Dye Penetrant Testing (DPT)

Capillary

DPT is a widely used NDT method for detecting surface-breaking defects on non-porous materials. Suitable for both ferrous and non-ferrous components, DPT identifies cracks, porosity, and other surface imperfections.

The process involves applying a brightly colored or fluorescent penetrant to the component's surface, allowing it to seep into any flaws. After removing excess penetrant, a developer is applied, which draws out the trapped dye, making flaws visible as surface indications under appropriate lighting.



Hardness Testing (HT)

Rebound

A site hardness test refers to a hardness test that is performed on location, or "on-site," using portable equipment. It measures a material's resistance to localized, permanent deformation by pressing a hard indenter into its surface under a specific force.

Leeb method: Ideal for large, heavy components and provides fast, consistent results.

UCI method: Suitable for small, thin, or complex-shaped parts, including hard-to-reach areas.

Visual Testing (VT)

Strength

VT is the process of examining components by sight to identify defects, irregularities, or verify compliance with quality standards. It is a fundamental, cost-effective method widely used in quality control, maintenance, and inspection across industries, from manufactured products to infrastructure such as pipelines and storage tanks.

VT can be performed with the eye or enhanced using tools like magnifying glasses, cameras, or borescopes, depending on the complexity and accessibility of the component.



Detecting hidden flaws with precision, verifying structural integrity, and ensuring components meet rigorous industry standards—guaranteeing safe, efficient, and reliable asset performance.



Advanced NDT Solutions

01 Phased Array Ultrasonic Testing (PAUT)

PAUT is an advanced NDT technique using multiple ultrasonic elements and electronic beam steering to detect, size, and characterize flaws in welds and complex components. Offering real-time imaging, high accuracy, and detailed flaw mapping, PAUT ensures reliable integrity assessment across oil & gas, power, and aerospace industries.



02 Time of Flight Diffraction (TOFD)

TOFD is an advanced ultrasonic NDT technique used to detect, locate, and size flaws in welds and components. Measuring wave diffraction time provides accurate flaw sizing and depth. TOFD offers rapid scanning, reliable defect characterization, and comprehensive weld integrity assessment across oil & gas, power, and fabrication industries.

PAUT and TOFD provide advanced ultrasonic inspection with high-resolution imaging, accurate flaw detection, and precise sizing. Combined, they ensure full weld coverage, rapid scanning, real-time results, and reliable defect characterization—delivering superior quality assurance, structural integrity, and compliance with industry standards.



Phased Array Ultrasonic Testing (PAUT) and Time of Flight Diffraction (TOFD) are complementary advanced ultrasonic Non-Destructive Testing (NDT) techniques that provide comprehensive inspection of welds, pressure vessels, pipelines, and structural components. When combined, PAUT's high-resolution imaging and TOFD's precise flaw sizing deliver unparalleled accuracy in defect detection and characterization.

This powerful combination enables complete coverage of critical weld zones, reduces inspection time, and enhances the reliability of results compared to conventional ultrasonic or radiographic testing. Widely used in oil & gas, power generation, and fabrication industries, PAUT and TOFD together ensure structural integrity, safety, and compliance with stringent quality standards.



PAUT and TOFD are advanced ultrasonic inspection techniques used for detecting, sizing, and characterizing defects in critical components. Their high accuracy, rapid data acquisition, and comprehensive coverage make them essential tools for ensuring quality, safety, and reliability in industrial inspection programs in applications such as-

Applications:

- Weld inspection for quality and defect detection.
- Volumetric inspection of forgings and castings for internal flaws.
- Erosion and corrosion mapping for asset condition assessment.
- Scanning of complex geometry components with challenging access.
- Detection of hydrogen-induced cracking (HIC), stress corrosion cracking (SCC), and stress-oriented hydrogen-induced cracking (SOHIC).
- Inspection of pressure vessels, piping, and tubing welds.
- Evaluation of vessels and piping fabricated with composite materials.
- Accurate sizing data for fitness-for-service (FFS) assessments and life extension planning.



Advanced NDT Solutions

Tube Inspection

Tube Inspection: In industrial facilities such as refineries, chemical plants, and power stations, tube inspection plays a vital role in ensuring the reliability and efficiency of heat exchangers, boilers, and condensers. Tubes are constantly exposed to varying process conditions, including high temperatures, pressure fluctuations, and aggressive chemical environments, which can lead to corrosion, erosion, pitting, cracking, or wall thinning.

Our comprehensive tube inspection services adhere to international standards, providing detailed assessments and actionable insights to ensure optimal heat transfer performance and operational safety across diverse industrial applications.

Non-Destructive Testing (NDT) of tubing and surfaces utilizes a range of advanced techniques, each selected based on the application, material type, and inspection objectives. These methods enable the detection of internal and external flaws, corrosion, cracking, and other forms of degradation without compromising the integrity of the equipment.

By applying a single or combined approach from the following technologies, our experts ensure precise and comprehensive evaluation of tubular systems:

- Eddy Current Testing (ECT)
- Tangential Eddy Current Array (TECA)
- Eddy Current Array (ECA)
- Near-Field Testing (NFT)

- Near-Field Array (NFA)
- Remote-Field Testing (RFT)
- Magnetic Flux Leakage (MFL)
- Internal Rotating Inspection System (IRIS) (Ultrasonic Testing)

These state-of-the-art inspection techniques allow for accurate defect characterization, reliable data interpretation, and enhanced asset integrity management across a variety of industrial applications.



01

Eddy Current Testing (ECT)

ECT is used to inspect conductive materials, particularly tubing in steam generators, heat exchangers, and petrochemical equipment. The technique is highly sensitive for detecting surface and near-surface defects, such as pits, cracks, and corrosion, although sizing of wall loss may be less accurate.

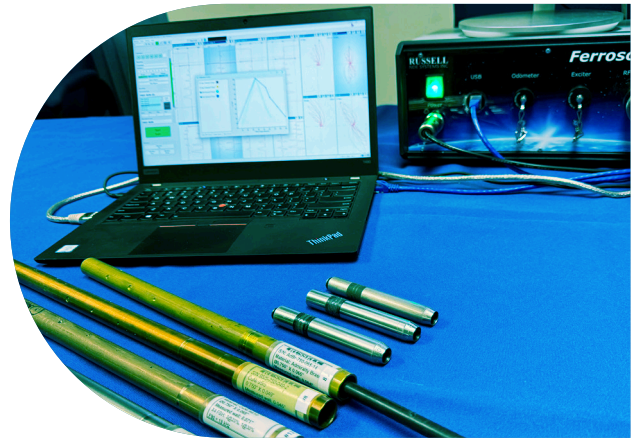
ECT operates by inducing alternating currents in a coil, generating a magnetic field. When the coil is brought near a conductive material, opposing eddy currents are generated in the material which can identify flaws for the applications which include:

- Inspect tubing in heat exchangers
- Detect pits, cracks, corrosion
- Identify early-stage material flaws



PEC is an advanced electromagnetic NDT technique used to inspect conductive materials, especially in situations with limited access or when surfaces are coated or insulated.

PEC generates a short, high-energy electromagnetic pulse that induces eddy currents in the material. The resulting signal



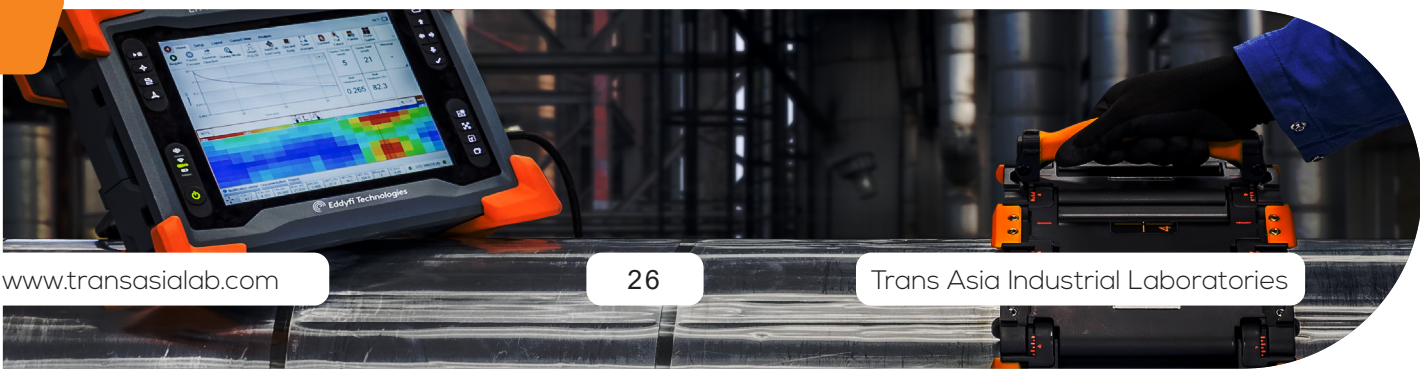
- Assess petrochemical equipment condition
- Monitor wall thinning and erosion
- Support maintenance and safety decisions
- Facilitate non-contact, rapid inspections

02

Pulsed Eddy Current (PEC)

is captured and analyzed to detect corrosion, wall loss, and other near-surface defects accurately, without the need to remove coatings, insulation, or surface layers and the applications includes:

- Inspect coated or insulated materials
- Detect corrosion under insulation
- Measure remaining wall thickness
- Identify early-stage material degradation
- Assess pipelines and pressure vessels
- Support preventive maintenance programs
- Facilitate rapid, non-contact inspections
- Evaluate difficult-to-access structures



Advanced NDT Solutions

Magnetic Flux Leakage

Magnetic Flux Leakage (MFL) is a highly effective Non-Destructive Testing (NDT) technique used to detect corrosion, pitting, and wall loss in ferromagnetic materials such as carbon steel tubes, pipelines, and storage tanks.

The method involves magnetizing the material and measuring any leakage of the magnetic field that occurs where flaws or thinning are present. These disturbances in the magnetic field provide valuable insights into the location, size, and severity of defects.



Applications of Magnetic Flux Leakage (MFL) Testing:

- ***Pipelines:*** Detects corrosion and metal loss in oil, gas, and water pipelines.
- ***Storage Tanks:*** Identifies floor corrosion and thinning in tank bottoms.
- ***Heat Exchangers & Boilers:*** Finds wall loss in ferromagnetic tubes.
- ***Pressure Vessels:*** Detects localized corrosion or fatigue damage.
- ***Steel Cables:*** Monitors broken strands and structural wear.
- ***Ship Hulls & Offshore Structures:*** Assesses corrosion in marine environments.
- ***Industrial Equipment:*** Aids preventive maintenance by spotting early corrosion.



Magnetic precision, unmatched protection – MFL reveals what the eye can't see.

Advanced NDT

Solutions

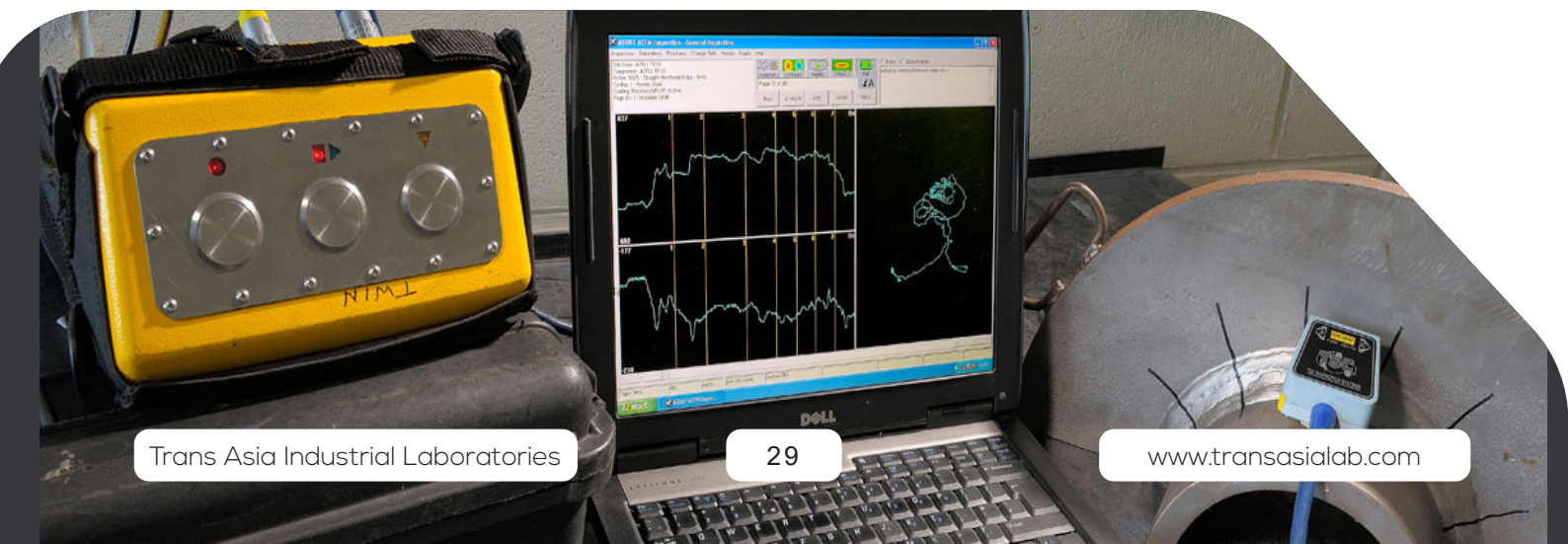
Alternating Current Field Measurement

A CFM is an advanced Non-Destructive Testing (NDT) technique designed to detect and size surface-breaking cracks in metal structures without the need for direct electrical contact or surface coatings removal.

It uses an alternating current to induce electromagnetic fields on the surface, and any disruption in these fields indicates the presence of a crack.

We utilize state-of-the-art ACFM technology to deliver accurate, repeatable, and digitally recorded results – even in challenging environments.

Unlike traditional magnetic particle or dye penetrant testing, ACFM provides quantitative data on crack length and depth, allowing for precise defect assessment.





Applications of (ACFM):

- **Welds:** Detects surface cracks in structural and pipe-line welds.
- **Offshore Structures:** Finds fatigue cracks in platforms and subsea equipment.
- **Pressure Vessels:** Identifies flaws in welded joints and nozzles.
- **Pipelines:** Locates surface-breaking cracks in critical areas.
- **Structural Steel:** Inspects bridges, cranes, and heavy machinery.
- **Aerospace & Marine:** Ensures integrity of vibration-prone components.
- **Coated Surfaces:** Detects cracks without removing paint or coating.



The smarter way to detect cracks—fast, accurate, and coating-friendly.

Post-Weld Heat Treatment

01

About PWHT

Post-Weld Heat Treatment (PWHT) is a controlled heating and cooling process applied to welded components after welding is completed. Its main purpose is to reduce residual stresses, improve mechanical properties, and enhance the overall performance of the welded structure.

02

Purpose of PWHT

When metal is welded, intense localized heat causes rapid expansion and contraction, leading to the formation of internal stresses, hard microstructures, and potential brittleness in the HAZ. If left untreated, these can result in cracking, distortion, or premature failure.

03

Need of PWHT

A vital part of ensuring the strength, safety, and reliability of welded components, especially in demanding environments. It's typically required when the welding process introduces high residual stresses or when metallurgical properties must be precisely controlled to meet performance or code requirements.

At the heart of every strong weld lies the science of precision – and that's exactly what Post-Weld Heat Treatment delivers. PWHT is a vital process designed to relieve stresses, restore strength, and ensure the long-term reliability of welded components.

If your welds face high stress, heat, or critical service, PWHT is the key to keeping them strong, stable, and compliant.



**Every degree
counts.**

This process helps:

- Relieve residual stresses induced by welding.
- Reduce hardness and brittleness, improving toughness and ductility.
- Enhance dimensional stability and minimize distortion.
- Restore corrosion resistance in certain alloys.

Typical cycle for Carbon Steel:

- Temp.: 590°C to 675°C
- Heating Rate: 220°C/Hour
- Soaking Time: 1 Hour/inch of thickness
- Cooling: Controlled as per code



Parameters

PWHT parameters (temperature, holding time, and cooling rate) depend on factors like the base metal type, thickness, welding process, and code or standard (such as ASME, API, or ISO).



Application

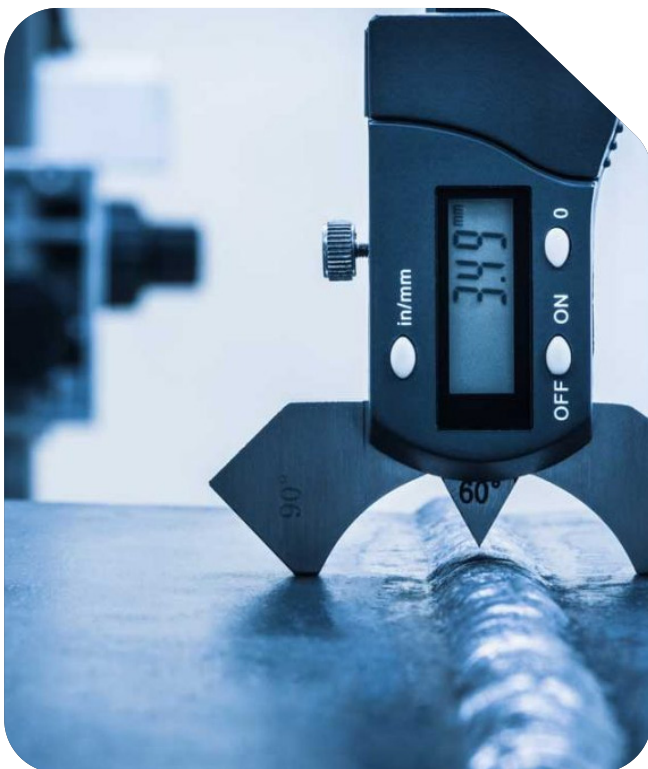
PWHT is essential for ensuring long-term reliability and safety of critical welded structures—particularly in industries like oil and gas, power generation, pressure vessel fabrication, and heavy engineering.



Field Inspection

We deliver comprehensive inspection and integrity management solutions that ensure safety, reliability, and compliance across every stage of your asset's lifecycle.

Our services cover a complete range of inspection and integrity management solutions, tailored to meet the



diverse needs of our clients across industries.

We deliver comprehensive assessments, quality assurance, and expert consultancy to ensure your assets operate safely, efficiently, and in full compliance.

Backed by a team of certified professionals and advanced technology, we provide seamless support from field inspection to project execution – helping you maintain performance, reliability, and confidence in every operation. Our services cover a full spectrum of inspection needs – including API 510, 570, and 653 inspections, welding



and coating assessments, fitness-for-service evaluations (API 579), and condition monitoring. We also provide Level III consultancy and the supply of skilled QA/QC, painting, and coating inspectors to support your operations seamlessly.



Field

Inspection

Our field teams combine advanced technology, certified expertise, and industry best practices to help clients in oil & gas, power, petrochemical, and industrial sectors maintain operational excellence. Our Core Services Include:

- *Plant and Pipeline Integrity Surveys* – Assessing asset condition to ensure safety and reliability.
- *Shutdown and Turnaround Inspections* – Fast, accurate inspections to minimize downtime.
- *In-Service Inspection / Condition Monitoring* – Monitoring equipment performance to prevent failures.
- *Fitness for Service Assessment (API 579)* – Evaluating equipment for safe continued operation.



”
Excellence in every inspection, reliability in every result, confidence in every project.

- **Welding Inspection** – Ensuring weld quality and compliance with standards.
- **Painting & Coating Inspection** – Verifying coating integrity for corrosion protection.
- **Tank Inspection (API 653)** – Assessing tank integrity and regulatory compliance.
- **Piping Inspection (API 510)** – Inspecting piping systems for safety and performance.
- **Pressure Vessel Inspection (API 570)** – Ensuring pressure vessels meet operational standards.
- **Welder Qualification Tests** – Certifying welders and validating procedures.
- **Level III Consultancy Services** – Expert support for NDT compliance.



- **Supply of Painting & Coating Inspectors** – Providing certified inspectors for coating projects.
- **Supply of QA/QC Inspectors** – Supplying qualified personnel for quality assurance activities.

Our Clients



We serve our clients with precision, integrity, and timely solutions, ensuring reliable testing, accurate results, and exceptional service quality that consistently meet their expectations and earn their long-term satisfaction and trust.

”

Clients trust us because, we deliver—precision, quality and reliability. Zero coffee spills guaranteed!



Major Projects

Over the years, TIL has successfully executed a diverse portfolio of major projects across the oil, gas, petrochemical, marine, and industrial sectors. Each project reflects our unwavering commitment to precision, quality, and reliability, as well as our ability to meet complex technical requirements and tight schedules. Through these landmark projects, we have not only strengthened our technical expertise but also built enduring relationships with leading industry clients, demonstrating reliability, innovation, and excellence at every stage. This section highlights some of the key projects that showcase our capabilities, professional standards, and the trust our clients place in us.



**Bold projects,
flawless execution.**

- 
- Dubai Exhibition Center (DEC) Expansion
 - Hassyan Coal Power Plant, Phase-1
 - Guggenheim Museum - Abu Dhabi
 - Habshan-0: ADNOC
 - Masaar Development-Infrastructure, Sharjah
 - EPC2 Tinrhert Field Development Project
 - Jubail Industrial Gas Network Project
 - Emirates Global Aluminum (EGA) Shutdown
 - Integrated Manufacturing Facility (IMF), Jubail
 - JMC 333 / Triton 330 - Barge, Metito
 - Jurassic Production Facility (JPF), KOC
 - MMPS Gas Compression Project (MGCP), PDO
 - Hassyan Clean Coal Power Plant Phase 1
 - Deep Tunnel Stormwater Terminal, Dubai
 - Boiler Inspection, DEWA
 - Multi-Fuel Waste-to-Energy (WTE) Facility
 - Majnoon Sour Gas Treatment Facility Project
 - Moomba Carbon Capture & Storage Project

Stronger Together

As we reach the end of this journey through the capabilities and ethos of Trans Asia Industrial Laboratories, we invite you to envision our partnership in action. Our fully-equipped, multidisciplinary facilities—backed by ISO 9001, ISO 14001 and ISO 45001 certifications and accredited to ISO/IEC 17025 and 17020—deliver rigorous testing, insightful investigation and high integrity field services across the construction, oil & gas, petrochemical and offshore sectors.

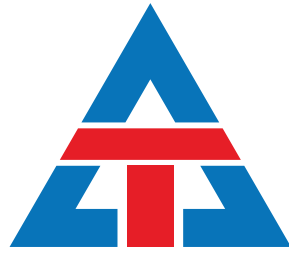
Whether you need material testing, corrosion evaluation, microbiological or

environmental analysis, or advanced NDT inspection – we bring the technical expertise, the quality systems and the dedicated team to exceed expectations.



Thank you for considering us
as your partner in excellence.
Let's build a safer, stron-
ger and more dependable
tomorrow – **together.**





TRANS ASIA

Industrial Laboratories

- | Precision
- | Quality
- ▶ Reliability

Your trusted partner in Testing, Inspection and NDT Services – delivering unmatched quality, reliability, and performance for every industrial need.

Get in Touch

Al Tayer Warehouse #10
Al Quoz Industrial Area-1
Dubai, U.A.E.

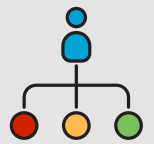
P: +971 4 884 7220

M: +971 50 841 9001

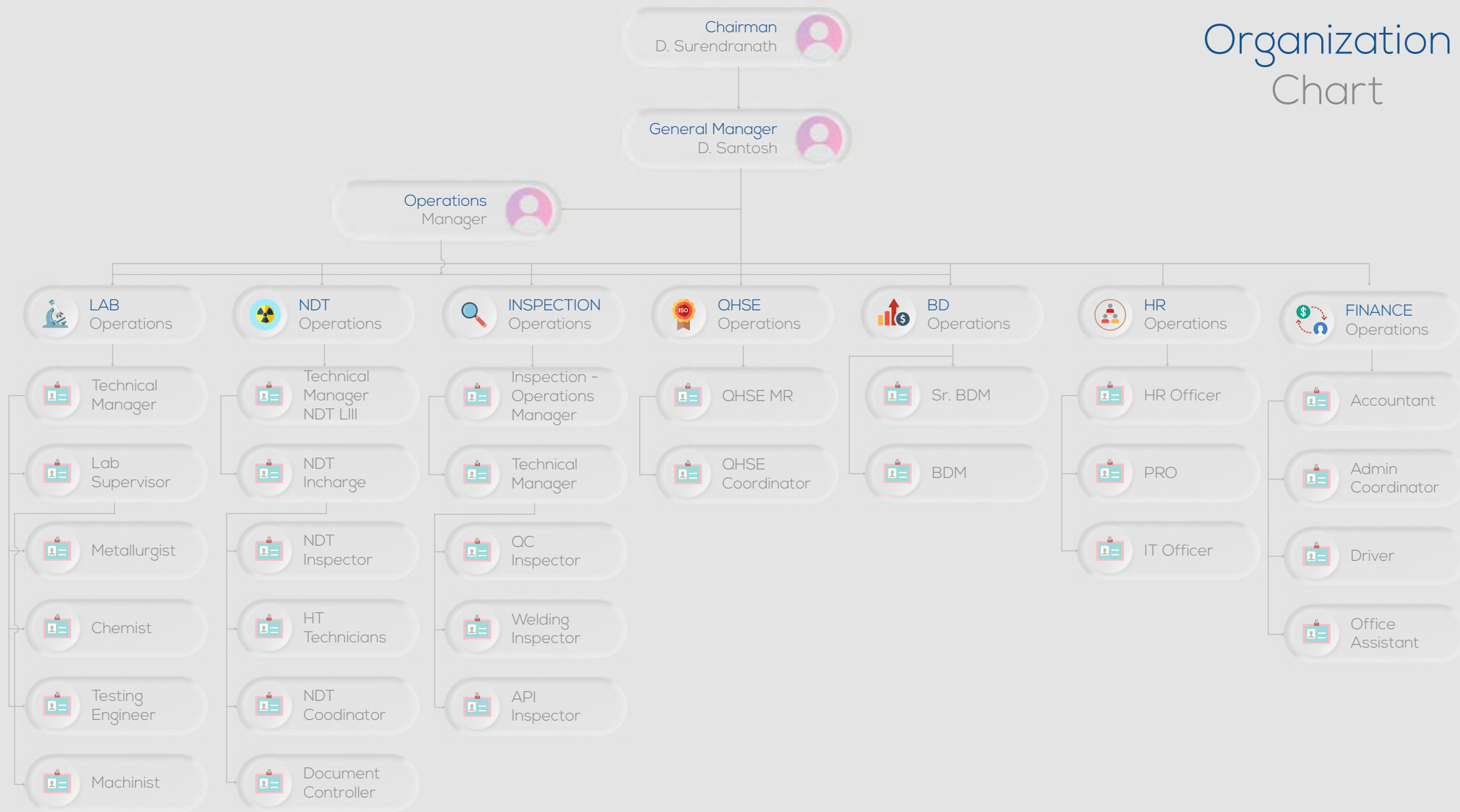
E: info@transasialab.com

W: www.transasialab.com





Organization Chart





COMPANY LICENSES



رخصة تجارية Commercial License

تفاصيل الرخصة / License Details

License No.	854777	رقم الرخصة
Company Name	TRANS ASIA INDUSTRIAL LABORATORIES L.L.C	اسم الشركة
Business Name	TRANS ASIA INDUSTRIAL LABORATORIES L.L.C	الاسم التجاري
License Category	Dep. of Economic Development	فئة الرخصة
Legal Type	Limited Liability Company(LLC)	الشكل القانوني
Expiry Date	02/10/2026	تاريخ الإصدار
D&B D-U-N-S® N	رقم العالمى	رقم الرخصة الام
Register No.	1452995	عضوية الغرفة
	تاريخ الإنتهاء	Issue Date
	رقم العالمى	Main License No.
	رقم السجل التجارى	DCCI No.
		03/10/2019
		854777
		328598

الاطراف / License Members

Share / الحصص	Role / الصفة	Nationality / الجنسية	Name / الإسم	No./ رقم الشخص
	Manager / مدير	India / الهند	سانتوش دانتولورى كاسى فيسواناده فارا براساد دانتولورى SANTOSH DANTULURI KASI VISWANADH VARA PRASAD DANTULURI	1417910
	Manager / مدير	India / الهند	سوريندرانات جهيايه دهانيكولا SURENDRANATH ANJHIAH DHANEKULA	202028

أنشطة الرخصة / License Activities

Activity	Status	الحالة	النشاط
Nondestructive Testing Services	Active	فعال	خدمات الفحص اللاإتلافي
Chemical & Biological Laboratory	Active	فعال	مختبر تحاليل كيمائية وبيولوجية
Pipelines Inspection & Repairing	Active	فعال	فحص خطوط الانابيب ومعالجتها
Environmental Testing & Inspection Services	Active	فعال	خدمات فحص ومراقبة البيئة
Physical & Mechanical Testing Laboratory	Active	فعال	مختبر للفحوص الميكانيكية والفيزيائية

Print Date 06/10/2025 15:37 تاريخ الطباعة

Receipt No.

رقم الإيصال

يمكنك الآن تجديد رخصتك التجارية من خلال الرسائل النصية القصيرة، أرسل رقم الرخصة إلى 6969 (دو/ اتصالات) للحصول على اذن الدفع.

Now you can renew your trade license by sending a text message (SMS). Send your trade license

number to 6969 (Du / Eticalat) to receive payment voucher.

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Zoho.com/det

وثيقة إلكترونية معتمدة وصادرة بدون توقيع من دائرة الإقتصاد والسياحة في دبي. لمراجعة صحة البيانات الواردة في الرخصة يرجى مسح رمز الاستجابة السريعة

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		العنوان / Address	
Phone No	تليفون	P.O. Box	391679 صندوق بريد
Fax No	فاكس	Parcel ID	364-444 رقم القطعة
Mobile No	هاتف متحرك	Email	KRISHNAKUMAR@TRANSASIAPSS.COM البريد الإلكتروني
		مستودع رقم 10 ملك حميد احمد محمد الطاير - القوز الصناعية الأولى	
		الملاحظات / Remarks	

Print Date 06/10/2025 15:37 تاريخ الطباعة

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ملحق الشركاء Partners

تفاصيل الرخصة / License Details

D&B D-U-N-S ® No. 0 الرقم العالمي License No. 854777 رقم الرخصة

اصحاب الرخصة / License Partners

Share / الحصص %	Sr. No./ مسلسل الشخص	Nationality / الجنسية	Name / الإسم
51.0000000%	403523	الامارات / United Arab Emirates	Khalifa Thani Ali Khalifa Bin Ghalita بن غليطه
49.0000000%	787210	الامارات / United Arab Emirates	ترانس - اسيا / TRANS- ASIA PIPEINE SERVICES FZC لخدمات الانابيب ش م ح

Print Date 06/10/2025 15:37 تاريخ الطباعة

Receipt No.

رقم الإيصال



يمكنك الآن تجديد رخصتك التجارية من خلال الرسائل النصية القصيرة، أرسل رقم الرخصة إلى 6969 (دو/ اتصالات) للحصول على اذن الدفع.

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وثيقة إلكترونية معتمدة وصادرة بدون توقيع من دائرة الاقتصاد والسياحة في دبي. لمراجعة صحة البيانات الواردة في الرخصة يرجى مسح رمز الاستجابة السريعة

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شهادة تسجيل لضريبة القيمة المضافة في الامارات العربية المتحدة
Certificate of Registration for Value Added Tax in the United Arab Emirates

The Federal Tax Authority certifies that the entity below is
a registered person for Value Added Tax in the UAE

تشهد الهيئة الاتحادية للضرائب أن الجهة التالية مسجلة لضريبة القيمة
المضافة في الامارات العربية المتحدة

Full Arabic legal name	ترانس اسيا للمختبرات الصناعي ش.ذ.م.م	الاسم القانوني الكامل باللغة العربية
Full English legal name	<u>TRANS ASIA INDUSTRIAL LABORATORIES</u> <u>L.L.C</u>	الاسم القانوني الكامل باللغة الانجليزية
Registered address	<u>27-0 Al Tayer Ware House, Al Quoz Industrial</u> <u>First, Al Quoz Industrial Area 1, Dubai, Dubai,</u> <u>United Arab Emirates, 391679,</u> <u>+971507684001</u>	العنوان المسجل
Tax Registration Number	<u>100530794500003</u>	رقم التسجيل الضريبي
Effective Registration Date	<u>01/12/2020</u>	تاريخ التسجيل الفعلي
First VAT Return Period	<u>01 Dec 2020 - 28 Feb 2021 and quarterly</u> <u>thereafter</u>	فترة أول إقرار لضريبة القيمة المضافة
VAT Return due date	<u>28 Mar 2021</u>	تاريخ استحقاق إقرار ضريبة القيمة المضافة
Start and end dates of Tax periods:	1 Mar to 31 May, 1 Jun to 31 Aug, 1 Sep to 30 Nov, 1 Dec to 28/29 Feb	بداية ونهاية الفترات الضريبية

يرجى التأكد من صحة تفاصيل الشهادة. يجب إبلاغ الهيئة الاتحادية للضرائب في حال تغيير الاسس التي حصلت فيها على رقم التسجيل الضريبي الخاص بك.

Please check that the details on this certificate are correct. You must inform the Federal Tax Authority of any change on the basis of which you obtained your Tax Registration Number.



Issuing Date:

05/11/2020

تاريخ الإصدار

شهادة تسجيل العضوية

Membership Certificate

License no.	854777
Membership no.	328598
Registration no.	1452995
Business Name	TRANS ASIA INDUSTRIAL LABORATORIES L.L.C
Legal Status	Limited Liability Company(LLC)
Activity	Chemical & Biological Laboratory Pipelines Inspection & Repairing Environmental Testing & Inspection Services Nondestructive Testing Services Physical & Mechanical Testing Laboratory
Member Since	03/10/2019
Date of Issue	03/10/2019
Expiry Date	02/10/2026

رقم الرخصة	854777
رقم العضوية	328598
رقم السجل التجاري	1452995
الاسم التجاري	ترانس اسيا للمختبرات الصناعي ش.ذ.م.م
الشكل القانوني	ذات مسؤولية محدودة
نوع النشاط	مختبر تحاليل كيمائية وبيولوجية فحص خطوط الانابيب ومعالجتها خدمات فحص ومراقبة البيئة خدمات الفحص اللاإتلافي مختبر للفحوص الميكانيكية والفيزيائية
تاريخ الإنتساب	03/10/2019
تاريخ الإصدار	03/10/2019
تاريخ الإنتهاء	02/10/2026

Remarks

This certificate shall be invalid incase of any alteration without chamber's authorization

For online verification of this Certificate, please visit our website
<http://www.dubaichamber.ae/verify>

غرفة تجارة وصناعة دبي
Dubai Chamber of Commerce & Industry

P.O. Box 1457 - Dubai, U.A.E. | Tel (Within UAE) 800 CHAMBER (800 2426237) | Tel (Outside UAE) (+971) 4 2280000 هاتف
فاكس (+971) 4 2211646 | customercare@dubaichamber.ae | www.dubaichamber.ae

الملاحظات

تعتبر هذه الشهادة لاغية في حال أي كسب أو تعديل عليها دون اعتماد ذلك من الغرفة

للتأكد من صحة بيانات الشهادة يرجى الرجوع إلى موقع الغرفة
<http://www.dubaichamber.ae/verify>



شهادة تسجيل الموردين					
Suppliers Registration Certification					
Registration Details			تفاصيل التسجيل		
Supplier Number	166476		رقم المورد		
Company Name	Trans Asia Industrial Laboratories LLC	ترانس اسيا للمختبرات الصناعي ش.ذ.م.م	اسم الشركة		
TL Number	854777		رقم الرخصة التجارية		
Legal Type	Dubai Supplier	موردي دبي	الشكل القانوني		
Supplier categories	Activity - Consultant or Contractor		تصنيف المورد		
Expiry Date	20/JAN/26	تاريخ الانتهاء	Issue Date	20/JAN/25	تاريخ الإصدار
Approved Activities			الأنشطة المعتمدة		
Laboratory Testing Equipment WATER SAMPLING APPARATUS Laboratory Testing Equipment OIL CONTENT ANALYSER Other Services Engineering Consultant Other Services Tanks Cleaning Services Other Services Professional Certification Other Services Inspection Services Other Services Testing and Certification services Other Services Outsourced Inspection Services Consultation Environment Consultants & Studies Consultation Soil Analysis Services Heating System Boilers Heating System Heat Exchanger			WATER SAMPLING APPARATUS معدات الاختبار المعملية OIL CONTENT ANALYSER معدات الاختبار المعملية خدمات أخرى مستشار الهندسة خدمات أخرى تنظيف الخزانات خدمات أخرى الشهادات المهنية خدمات أخرى التفتيش خدمات أخرى الاختبار والشهادات خدمات أخرى خدمات التفتيش الخارجية الاستشارة مستشارو ودراسات البيئة الاستشارة خدمات تحليل التربة نظام التدفئة الغلايات نظام التدفئة المبادل الحراري		
Remarks:			الملاحظات:		
هذه شهادة تسجيل صالحة لمدة سنة من تاريخ إصداره This Certificate is valid only for ONE YEAR of its issue date					

Payment Voucher

وثيقة الكترونية معتمدة وصادرة بدون توقيع من بلدية دبي لمراجعة صحة البيانات الواردة في التسجيل برجاء زيارة الموقع: www.dm.gov.ae
 Approved electronic document issued without signature by the Department of Dubai Municipality to verify the registration
 kindly visit www.dm.gov.ae

الرؤية: بناء مدينة سعيدة ومستدامة.
 Vision: Build a happy and sustainable city

United Arab Emirates
Ministry of Interior
Civil Defense G.H.Q.
General Directorate of Civil Defence Dubai



دولة الإمارات العربية المتحدة
وزارة الداخلية
القيادة العامة للدفاع المدني
الإدارة العامة للدفاع المدني / دبي

الرقم: LCA0000407575-2025

"شهادة استيفاء شروط السلامة الوقائية"

صدرت هذه الشهادة استناداً إلى قرار مجلس الوزراء رقم (24) لسنة 2012م في شأن تنظيم خدمات الدفاع المدني بالدولة:

الاسم التجاري للمنشأة: ترانس اسيا للمختبرات الصناعي ش.ذ.م.م رقم الرخصة: 854777 رقم الأرض: 3640444
الكائن بمنطقة: تاريخ الاصدار: 2025/03/12 تاريخ الانتهاء: 2026/03/11
وقد وجد مستوفى لشروط السلامة الوقائية.

ملاحظات:

- سددت الرسوم بإبصال رقم ()
- يجب الالتزام باعتماد عقود الصيانة الدورية لأجهزة ومعدات السلامة و الوقاية من الحريق من إحدى الشركات المعتمدة.
- أي تعديلات في أنظمة ومعدات السلامة والوقاية من الحريق أو النشاط يتطلب موافقة مسبقة من الدفاع المدني.
- يجب ربط المنشأة بالأنظمة الذكية (24x7).
- في حال الإخلال بأي من اشتراطات السلامة الوقائية سيتم مخالفة المنشأة (نموذج المخالفات خلف الشهادة) -
- توضع الشهادة في مكان بارز وواضح للعيان.
- مراجعة الدفاع المدني سنوياً للكشف على المنشأة.

هذه الشهادة معتمدة إلكترونياً ولا تحتاج إلى توقيع

للطوارئ
997
Emergency

752



للتأكد من صحة بيانات الشهادة / <http://eservices.dcd.gov.ae/>

الموقع الإلكتروني: www.dcd.gov.ae

فاكس: 04-7052150

هاتف: 800997

نظام المقترحات: <http://esuggest.dubai.ae>

نظام الشكاوى: www.ecomplain.ae

رؤيتنا: أن تكون دولة الإمارات العربية المتحدة من أفضل دول العالم أماناً وسلامة.

ACCREDITATION CERTIFICATES



ACCREDITATION CERTIFICATE

IB-188

Emirates International Accreditation Centre

has accredited

TRANS ASIA INDUSTRIAL LABORATORIES LLC

Warehouse No 10 | Al Tayer Warehouse | Al Qouz Industrial Area 1

Dubai | United Arab Emirates

In accordance with the requirements of

ISO/IEC 17020:2012

Conformity Assessment-Requirements for the operation of various type of bodies
performing inspection

to undertake the inspection in the attached accreditation scope

This Accreditation is invalid without the attached accreditation scope and shall remain in force within the validity period
printed below, subject to continuing compliance with the requirements of the accreditation criteria.

Validity: 23-11-2023 to 05-09-2026

Initial Accreditation Date: 06-09-2020




Amina Ahmed Mohammed
CHIEF EXECUTIVE OFFICER



Scope of Accreditation

IB-188

Trans Asia Industrial Laboratories LLC

Warehouse No 10 | Al Tayer Warehouse | Al Qouz Industrial Area 1

Dubai | United Arab Emirates

Date: 23-11-2023

Accreditation History			
Issue no.	Scope Name	Details	Date
03	Nondestructive Testing	Renewal of the accreditation	23-11-2023
02	Nondestructive Testing	Certificate validity was extended for 6 months from 06-09-2023 up to 05-03-2024	06-09-2020
01	Nondestructive Testing	Granted accreditation from EIAC	06-09-2020

Trans Asia Industrial Laboratories LLC

**Warehouse No 10 | Al Tayer Warehouse | Al Qouz Industrial Area 1
Dubai | United Arab Emirates**

Issue No.: 03

Date: 23-11-2023

Valid to: 05-09-2026

Inspection Category	Inspection field	Range of inspection	Stage of Inspection	Inspection criteria	Inspection Activity Type
Nondestructive Testing					
Product	Structural Engineering of Welds and Materials	Magnetic particle examination - Visible - Fluorescent	New Construction Inservice	ASME Section V	A
				BSENISO 17638	
		Visual examination - Direct Visual - Remote	New Construction Inservice	ASME Section V	A
				BSENISO 17637	
		Liquid penetrant examination - Visible - Fluorescent	New Construction Inservice	ASME Section V	A
				BSENISO 3452	
		Ultrasonic testing - thickness measurement Digital	New Construction Inservice	ASME Section V	A
				BSENISO 14127	
		Ultrasonic testing - Flaw detection - flaw detection - Manual Contact - Pulseecho	New Construction Inservice	ASME Section V	A
				AWS D1.1	
BSENISO 17640					
Paint Coating Thickness measurement	New Construction Inservice	SSPC PA2	A		
Hardness Testing - LEEB - UCI	New Construction Inservice	ASTM A 956	A		
		ASTM A 1038			
Ferrite Measurements - Magnetic	New Construction Inservice	ASTM A 799	A		
		ASTM A 800			
		BSENISO 8249			
		AWS A4.2			



ACCREDITATION CERTIFICATE

LB-TEST-225

Emirates International Accreditation Centre

has accredited

TRANS ASIA INDUSTRIAL LABORATORIES L.L.C

Warehouse No 10 | Al Qouz Industrial Area 1

Dubai | United Arab Emirates

In accordance with the requirements of

ISO/IEC 17025:2017


General requirements for the competence of testing and calibration laboratories
to undertake the tests in the attached accreditation scope

This Accreditation is invalid without the attached accreditation scope and shall remain in force within the validity
period printed below, subject to continuing compliance with the requirements of the accreditation criteria.

Validity: 27/11/2023 to 14/10/2026

Initial Accreditation Date: 15/10/2020




Amina Ahmed Mohammed
CHIEF EXECUTIVE OFFICER
APPROVAL



Trans Asia Industrial Laboratories L.L.C

Warehouse No 10, Al Qouz Industrial Area 1

Dubai- United Arab Emirates

Date: 18-12-2024

Environmental Testing

Accreditation History		
Issue no.	Details	Date
04	Reissued due to a modification in test methods	18-12-2024
03	Renewal of the accreditation and reduction in scope (remove the Microbiology tests)	27-11-2023
02	Certificate validity was extended for 3 months from 15-10-2023 to 14-01-2024 and reduction in scope .	15-10-2023
01	Granted accreditation from EIAC	15-10-2020

Metallurgy Testing

Accreditation History		
Issue no.	Details	Date
04	Reissued due to extension in scope	18-12-2024
03	Renewal of the accreditation	27-11-2023
02	Certificate validity was extended for 3 months from 15-10-2023 to 14-01-2024 and reduction in scope .	15-10-2023
01	Granted accreditation from EIAC	15-10-2020

LB-TEST-225

Trans Asia Industrial Laboratories L.L.C

Warehouse No 10, Al Qouz Industrial Area 1

Dubai- United Arab Emirates

Issue no.: 04

Date: 18-12-2024

Valid to: 14-10-2026

Type of Activity	Test Materials/Products	Test Name	Test Method
Chemistry	Domestic, Potable, Non potable Water & Recreational water	Metals Aluminum (Al),Antimony (Sb), Arsenic (As), Barium (Ba), Beryllium (Be), Boron (B), Cadmium (Cd), Chromium (Cr), Cobalt (Co), Copper (Cu), Iron (Fe), Lead (Pb), Manganese (Mn), Nickel (Ni), Selenium (Se), Silver (Ag), Zinc (Zn), Molybdenum (Mo), Tin (Sn), Tantalium (Ta), Tellurium (Te), Thorium (Th), Calcium (Ca), Magnesium (Mg), Sodium (Na), Potassium (K)	APHA 3120 B 24 th Edition, & 3030 E (for digestion) 24 th Edition
Chemistry	Domestic, Potable, Non potable Water & Recreational water	pH	APHA 4500 H+B, 24 th Edition
Chemistry	Domestic, Potable, Non potable Water & Recreational water	Conductivity	APHA 2510 B, 24 th Edition
Chemistry	Domestic, Potable, Non potable Water & Recreational water	Turbidity	APHA 2130 B 24 th Edition

LB-TEST-225

Trans Asia Industrial Laboratories L.L.C

Warehouse No 10, Al Qouz Industrial Area 1

Dubai- United Arab Emirates

Issue no.: 04

Date: 18-12-2024

Valid to: 14-10-2026

Type of Activity	Test Materials/Products	Test Name	Test Method
Chemistry	Domestic, Potable, Non potable Water & Recreational water	Carbonates	APHA 2320 B 24 th Edition
Chemistry	Domestic, Potable, Non potable Water & Recreational water	Bicarbonates	APHA 2320 B 24 th Edition
Chemistry	Domestic, Potable, Non potable Water & Recreational water	Total Alkalinity	APHA 2320 B 24 th Edition
Chemistry	Domestic, Potable, Non potable Water & Recreational water	Ca Hardness as CaCo3	TIL/CHEM/SOP-10 Issue no. 01, Rev. 02 APHA (24 th Edition, 2023) 2340 B & 3120 B
Chemistry	Domestic, Potable, Non potable Water & Recreational water	Total Hardness (by calculation)	APHA 2340 B 24 th Edition
Chemistry	Domestic, Potable, Non potable Water & Recreational water	Chloride	APHA 4500 Cl B 24 th Edition
Chemistry	Domestic, Potable, Non potable Water & Recreational water	Total dissolved solids	APHA 2540 C 24 th Edition
Chemistry	Domestic, Potable, Non potable Water & Recreational water	Total suspended solids	APHA 2540 D 24 th Edition

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Trans Asia Industrial Laboratories L.L.C

Warehouse No 10, Al Qouz Industrial Area 1

Dubai- United Arab Emirates

Issue no.: 04

Date: 18-12-2024

Valid to: 14-10-2026

Type of Activity	Test Materials/Products	Test Name	Test Method
Mechanical Testing	Ferrous & Non Ferrous	Standard Test Method for Tension testing of Metallic materials	ASTM A370 ASTM E8 BS EN 6892 Part 1
Mechanical Testing	Ferrous & Non Ferrous	Cross Weld Tensile Test	ASME SEC IX AWS D1.1 AWS D1.2 AWS D1.6 API 1104 BS EN ISO 15614 Part 1 BS EN ISO 4136
Mechanical Testing	Ferrous & Non Ferrous	Through Thickness Tensile Test (TTT)	ASTM A770/A770M BS EN ISO 10164
Mechanical Testing	Ferrous & Non Ferrous	Charpy impact test Standard Test Methods and Definitions for Mechanical Testing of Steel Products (Ambient to Minus 196 Deg C)	ASTM E23 BS EN ISO 148 Part 1 ASME SEC II Part C
Mechanical Testing	Ferrous & Non Ferrous	Standard Test Method for Rockwell Hardness of Materials – HRC	ASTM E18 BS EN ISO 6508 Part 1

Trans Asia Industrial Laboratories L.L.C

Warehouse No 10, Al Qouz Industrial Area 1

Dubai- United Arab Emirates

Issue no.: 04

Date: 18-12-2024

Valid to: 14-10-2026

Type of Activity	Test Materials/Products	Test Name	Test Method
Mechanical Testing	Ferrous & Non Ferrous	Standard Test Method for Knoop and Vickers Hardness of Materials – Vickers Hardness Test (Hv5,10&30)	ATM E92 BS EN ISO 6507 Part 1
Mechanical Testing	Ferrous & Non Ferrous	Macro Hardness Survey of weld	ASME SEC IX AWS D1.1 AWS D1.6 API 1104 BS EN ISO 15614 Part 1 NACE MR 0175/ISO 15156 Part 2
Mechanical Testing	Ferrous & Non Ferrous	Guided Bend Test for Ductility of Welds & Material	ASTM E290 ASTM E190 ASME SEC IX AWS D1.1 AWS D1.2 AWS D1.6 API 1104 BS EN ISO 15614 Part 1 BS EN ISO 5173 A+1
Mechanical Testing	Ferrous & Non Ferrous	Fracture Test (Fillet)	ASME SEC IX AWS D1.1

Trans Asia Industrial Laboratories L.L.C

Warehouse No 10, Al Qouz Industrial Area 1

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Issue no.: 04

Date: 18-12-2024

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Type of Activity	Test Materials/Products	Test Name	Test Method
Mechanical Testing	Ferrous & Non Ferrous	Nick break test	API 1104 AWS D1.2
Mechanical Testing	Ferrous & Non Ferrous	Standard Test Method for Tension testing of Metallic materials	ASTM B557 API 5L 46th Edition
Mechanical Testing	Ferrous & Non Ferrous	Charpy impact test Standard Test Methods and Definitions for Mechanical Testing of Steel Products (Ambient to Minus 196 Deg C)	ASTM A370
Mechanical Testing	Ferrous & Non Ferrous	Macro Hardness Survey of	BS EN ISO 9015 Part 1
Mechanical Testing	Ferrous & Non Ferrous	Guided Bend Test for Ductility of Material	ASTM A370
Mechanical Testing	Ferrous & Non Ferrous	Fracture Test (Fillet)	BS EN ISO 9017 BS EN ISO 5817
Mechanical Testing	Ferrous & Non Ferrous	Proof Load Test	ASTM A370 ISO 898 Part 1 ISO 898 Part 2
Metallography	Ferrous & Non Ferrous	Macro etching of Metals and Alloys(Material)	ASTM E340 ASTM E381

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Trans Asia Industrial Laboratories L.L.C

Warehouse No 10, Al Qouz Industrial Area 1

Dubai- United Arab Emirates

Issue no.: 04

Date: 18-12-2024

Valid to: 14-10-2026

Type of Activity	Test Materials/Products	Test Name	Test Method
Metallography	Ferrous & Non Ferrous	Micro etching of Metals and Alloys(Material)	ASM Handbook Vol 9-9 th Edition ASTM E407
Metallography	Ferrous & Non Ferrous	Macro & Micro Examinations of material & Weldments	ASME SEC IX AWS D1.1 AWS D1.2 AWS D1.6 API 1104 BS EN ISO 17639
Metallography	Ferrous & Non Ferrous	Insitu Replica Metallography	ASTM E1351
Metallography	Ferrous & Non Ferrous	Micro Detecting Detrimental Intermetallic Phase	ASTM A923 Method A
Metallography	Ferrous & Non Ferrous	Grain Size Measurement	ASTM E112
Metallography	Ferrous & Non Ferrous	Ferrite Measurement by Manual Count Method	ASTM E562
Corrosion	Ferrous & Non Ferrous	Pitting Corrosion Test	ASTM G48 Method A & C, & ASTM A923 Method C

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Warehouse No 10, Al Qouz Industrial Area 1

Dubai- United Arab Emirates

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Date: 18-12-2024

Valid to: 14-10-2026

Type of Activity	Test Materials/Products	Test Name	Test Method
Corrosion	Ferrous & Non Ferrous	Intergranular Corrosion Test Austenitic Stainless Steel	ASTM A262 Method B & E
Corrosion	Ferrous & Non Ferrous	Intergranular Corrosion Test Wrought, Nickel-Rich, Chromium-Bearing Alloys	ASTM G28 Method A
Corrosion	Ferrous	Hydrogen Induced Cracking Test (HIC)	NACE TM 0284
Corrosion	Ferrous	Sulfide Stress corrosioncracking Test (SSCC) Method A	NACE TM 0177 NACE MR 0175/ISO 15156 Part 1 & Part 2
Corrosion	Ferrous	Sulfide Stress corrosion cracking Test (SSCC) Four point bend Test	NACE TM 0177 & ASTM G39 NACE MR 0175/ISO 15156 Part 1 & Part 2 EFC Publications 16
Corrosion	Ferrous	Stress Oriented Hydrogen Induced Cracking (SOHIC)	NACE MR 0175/ISO 15156 Part 1 & Part 2 EFC Publications 16

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Dubai- United Arab Emirates

Issue no.: 04

Date: 18-12-2024

Valid to: 14-10-2026

Type of Activity	Test Materials/Products	Test Name	Test Method
Chemistry	Ferrous & Non Ferrous	Carbon & Low Alloy Steel, Austenitic Stainless steel, Nickel Alloy, Steel products, Brass products, Bronze products, Carbon & high Alloy steel, Aluminium alloy sand casting, Seamless Copper, Copper Alloy (seamless Red brass), Steam or Valve Bronze Castings, Copper-silicon Plate	ASTM E415 ASTM E1086 ASTM A751 ASTM B26 ASTM B42 ASTM B43 ASTM B61 ASTM B96
Chemistry	Ferrous & non-ferrous	Aluminium & its alloys	ASTM E1251
Chemistry	Ferrous & non-ferrous	Copper & its alloys	BS EN 15079



CERTIFICATE OF REGISTRATION

This is to certify that

Trans Asia Industrial Laboratories LLC

Al Quoz Industrial Area-1, Al Tayer Ware House-10,
P.O. BOX: 391676, Dubai, United Arab Emirates

Operates a Quality Management System which has been assessed for conformance with

ISO 9001 : 2015

Scope of certification

The management system is applicable for Visual Inspection, NDT testing services like conventional NDT & Advance NDT (excluding Radiographic testing), Physical & Mechanical destructive testing, Metallurgy testing, Corrosion testing (HIC, SSCC & SOHIC), Chemical (Ferrous & Nonferrous material), Environmental testing & Third party Inspection services.

NACE Code: 71.20

Certificate No: **SGQC/QMS/225/2020**

Date of re-assessment: **23 March 2023**

Date of recertification: **31 March 2023**

Date of original certificate: **08 March 2020**

Date of expiry: **30 March 2026**

This certificate will be valid until **30 March 2026** and will be replaced by a new certificate after successful completion of the recertification audit and compliance with SGQC Regulations.

Signed by:


Managing Director

This is an accredited certificate authorised for issue by Accreditation Service for Certifying Bodies LLC who have assessed SGQC against defined criteria and in cognisance of ISO/IEC 17021-1:2015 'Conformity Assessment - Requirements for bodies providing audit and certification of management systems'. This certificate is only valid when confirmed by the register listed in the International Register of Quality Assessed Organisations www.irqao.com



If there is any doubt as to the authenticity of this Certificate, please do not hesitate to contact the Head Office
Tel: +971 2 6718050 P.O. Box: 106559, Abu Dhabi, U.A.E

Email: info@sgqc-middleeast.com, Web: www.sgqc-middleeast.com



CERTIFICATE OF REGISTRATION

This is to certify that

Trans Asia Industrial Laboratories LLC

Al Quoz Industrial Area-1, Al Tayer Ware House-10,
P.O. BOX: 391676, Dubai, United Arab Emirates

Operates an Environmental Management System which has been assessed for conformance with

ISO 14001 : 2015

Scope of certification

The management system is applicable for Visual Inspection, NDT testing services like conventional NDT & Advance NDT (excluding Radiographic testing), Physical & Mechanical destructive testing, Metallurgy testing, Corrosion testing (HIC, SSCC & SOHIC), Chemical (Ferrous & Nonferrous material), Environmental testing & Third party Inspection services.

NACE Code: 71.20

Certificate No: **SGQC/EMS/047/2020**

Date of re-assessment: **23 March 2023**

Date of recertification: **31 March 2023**

Date of original certificate: **08 March 2020**

Date of expiry: **30 March 2026**

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Tel: +971 2 6718050 P.O. Box: 106559, Abu Dhabi, U.A.E

Email: info@sgqc-middleeast.com, Web: www.sgqc-middleeast.com



CERTIFICATE OF REGISTRATION

This is to certify that

Trans Asia Industrial Laboratories LLC

Al Quoz Industrial Area-1, Al Tayer Ware House-10,
P.O. BOX: 391676, Dubai, United Arab Emirates

Operates an Occupational Health & Safety Management System which has been assessed for conformance with

ISO 45001 : 2018

Scope of certification

The management system is applicable for Visual Inspection, NDT testing services like conventional NDT & Advance NDT (excluding Radiographic testing), Physical & Mechanical destructive testing, Metallurgy testing, Corrosion testing (HIC, SSCC & SOHIC), Chemical (Ferrous & Nonferrous material), Environmental testing & Third party Inspection services.

NACE Code: 71.20

Certificate No: **SGQC/OHS&MS/008/2020**

Date of re-assessment: **23 March 2023**

Date of recertification: **31 March 2023**

Date of original certificate: **08 March 2020**

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APPROVALS & RECOGNITIONS



REQUEST FOR INSPECTION

Activity Code: SAP ID: Submitted Date: 29/12/2022

Project Type:	<input checked="" type="checkbox"/> 132/11KV <input type="checkbox"/> 400/132KV <input type="checkbox"/> Others (Specify): _____				
Contract No.	AEJEA-M&I-2021-194	Substation/ Circuit	HAITJARI	Section:	MECANICAL
Main Contractor	DANWAY EME	Consultant	ENERGO ENTEL	Sub-Contractor	N/A
RFI Serial No & Rev.	HAITJARI-TED-MEP-MTRL-EOT-02 R0	Proposed Date	30-Dec-2022	Proposed time	10:00 AM
ITP Ref. No.	ITP-MEP-002-2.3.1	Checklist Ref No.	NA	Location	DANWAY

DRAWINGS / DOCUMENTS / APPROVALS REFERENCE: <ul style="list-style-type: none"> DD-N-00414-3-01-DDCMS-M-16-CRAN-391-P-01 	Nature of work: <input type="checkbox"/> Site Work <input checked="" type="checkbox"/> Material <input type="checkbox"/> Installation <input type="checkbox"/> Others Specify: Earthing Materials
	ATTACHMENTS: <ul style="list-style-type: none"> ITP RFC Drawing Test Report

DESCRIPTION OF WORK/S:

- Inspection for Fabrication of Runway Beam prior to Galvanization.

DEWA/ CONSULTANT COMMENTS:

FINAL INSPECTION RESULTS:

<input checked="" type="checkbox"/> Approved <input type="checkbox"/> Approved with comments (Re-Inspection required) <input type="checkbox"/> Not Approved / Rejected			CONTRACTOR'S INTERNAL INSPECTION COMPLETED:		YES	NO
			<input checked="" type="checkbox"/> Elec			
			<input type="checkbox"/> HVAC			
			<input type="checkbox"/> FPS			
DURATION OF INSPECTION	Time start :	<input checked="" type="checkbox"/> MEP				
	Time end:	<input type="checkbox"/> Civil				

Use / See the back of this page for additional comments.

Involved	Subcontractor	Main Contractor	Consultant	DEWA
Name:	Mr. Akhil.	Mohammed Hallab	Thiruvengadam	
Signature:				
Date:	30/12/2023	30/12/2023	30/12/23	



Request for Inspection of Construction

Reference No.:	TP-EXT-N-00582-3-01-RFIC-255-2025	SubmittedDate:	14/05/2025
Title:	Fabrication Inspection: EOT Crane Runway Beam -HATTA-TED-MEP-RFI - MTRL-CRANE -02-R 0		


Project Details:


Project ID:	N-00582: Hatta 132/11kV substation		
WBS ID:	N-00582-3-01: HATTA Substation		
PO/Contract No.:	3092400007		
Substation Name:	HATTA		
Network ID:	800009962		
Activity ID	Activity Description		
0130	EOT Crane girder/Runway beams erection		
Section:			
Location:	Danway Fabrication Yard		
Main Contractor:	DANWAY ELECTRICAL & MECHANICAL	Consultant:	
Sub-Contractor:	DANWAY		
Revision:	0	Proposed Date and Time:	05/15/2025 08:30:00
ITP Ref. No.:	ITP-MEP-002	ITP Description:	INSTALLATION OF EOT (2M Ton) MONORAIL HOIST & (5MTon) OVERHEAD CRANES.
ITP Serial No.:	2.3.1	Nature of Work:	Material
RFI Type:	Hold Point	RFI Category:	Substation MEP
Drawings/Documents/Approvals Reference:			
TP-EXT-N-00582-3-01-RFIC-DRW-0623-2025 TP-			
EXT-N-00582-3-01-RFIC-CHKLST-0311-2025 TP-			
EXT-N-00582-3-01-RFIC-CHKLST-0310-2025			

TP-EXT-N-00582-3-01-RFIC-AMS-0289-2025	
TP-EXT-N-00582-3-01-RFIC-SDOC-0375-2025	
TP-EXT-N-00582-3-01-RFIC-SDOC-0377-2025	
TP-EXT-N-00582-3-01-RFIC-SDOC-0376-2025	
Description of Work/s:	
EOT Crane Runway Beam -Fabrication Inspection	
Consultant Comment:	
Dewa Comment:	
Nil.	
Duration of Inspection:	
Actual Inspection Start Time: 05/15/2025 08:30:00	Actual Inspection End Time : 05/15/2025 09:30:00
Final Inspection Result: Approved	
Contractor's Internal Inspection	Completion Status
Elec/LSP	No
HVAC	No
FPS	No
MEP	Yes
Civil	No
HSE	No
Endorsement By	Endorsement Date
MIDHUN SREEJITH	13/05/2025
DEWA	
Muhammed Parambatt	
Engr - MEP Site Supervision	
29452	
5/19/2025 8:50:11 AM	



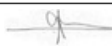
	Sub-Vendor List		TCM Identification Code 4300-AI-VD-PSX4X40000A110001			
	LOCATION: RUWAIS - U.A.E.	Borouge 4 Project - EPC Package 5 - XLPE2 Unit Agreement Ref.: 4700000901	Sheet	1 of 2	Rev	L
	Abu DHABI Polymers Co. Ltd. (Borouge) شركة ابوظبى للدائى ن البلاستىكية المحدودة (بروج)		Company Identification Code X4-CS-360-A1100001			

Sub-Vendor List

Purchase Order No: 7500108837	Material Req.No: 4300-AI-MR-X40000310
Vendor Name/Logo: 	
Vendor's Job No.: AE1-3208	Vendor Doc No.: AE1-3208-XL-SUB-001
Component Description.: PRE-ENGINEERED METAL BUILDING	Item No.: All

ACCEPTANCE STATUS CODE	DISCIPLINE ABBREVIATION	CHECKED		DATE
		N.SURNAME	SIGNATURE	
A	GEPRO	D.Benaglia		23-Feb-2023
ACCEPTANCE STATUS DESCRIPTION A ACCEPTED AC ACCEPTED WITH COMMENTS CR COMMENTS AS NOTED, RESUBMIT NA REJECTED INFO INFORMATION ONLY		BUYER's acceptance of this document does in no way relieve the VENDOR of this contractual obligation		

COMPANY DOCUMENT CLASSIFICATION : 3

					
L	ISSUED FOR COMPANY REVIEW	Noble Johnson	Prabeesh Parachal	Anas Manna	30.Jan. 2023
Issue	Reason for Issue – Revision Description	Prepared	Checked	Approved	Date

MABANI STEEL - SUB VENDOR LIST

PLATES			PROFILES			COIL'S			BUYOUT'S		
SI.NO	MILL NAME/Manufacturer	ORIGINS	SI.NO	MILL NAME/Manufacturer	ORIGINS	SI.NO	MILL NAME/Manufacturer	ORIGINS	SI.NO	MILL NAME/Manufacturer	ORIGINS
1	JINSTEEL LIMITED	INDIA	1	EMIRATES STEEL	UAE	1	HOASEN	VIE TNAM	1	PRECISION AUTO ENGINEERS (bolts & sag rods)	U.A.E
2	XINYU IRON & STEEL CO., LTD.	CHINA	2	SULF COMPANY	BAHRAIN	2	AGIS	UAE	2	DBHENS METAL CO., LTD (bolts)	KOREA
3	HYUNDAI STEEL	KOREA	3	Tiger Steel	UAE	3	POSCO	KOREA	3	COMEX INTERNATIONAL FZC(bolts)	U.A.E
4	HANDAN IRON & STEEL GROUP HAN-BAO. CO., LTD	CHINA	4	ADPCO	UAE	4	UNITED IRON & STEEL LLC	UAE	4	AQMS MIDDLE EAST BMT LLC(Bolts)	U.A.E
5	NIIPPON STEEL & SUMITOMO METAL CORPORATION	JAPAN	5	ARCELOR MITTAL	FRANCE/SPAIN	5	HINDALCO INDUSTRIES LTD	INDIA	5	PETROFAST MIDDLE EAST FZC(bolts)	U.A.E
6	TATA STEEL LIMITED	INDIA	6	IZMIR DEMIR CELIK SANAYI A.S	TURKEY	6	ALUMIL TECH GULF LLC	UAE	6	Fischer(chemical bolt)	U.A.E
7	ESSAR STEEL INDIA LIMITED	INDIA	8	KOCAER	TURKEY	7	POSCO	INDIA	8	HEADLINE METAL INDUSTRY LLC(anchor bolts)	U.A.E
8	RIZHAO STEEL	CHINA	9	KAR-DEMIR	TURKEY	8	DONGKUK STEEL	KOREA(NORTH)	9	CLASSIC METALLIC SHEETS FACTORY LLC(bolts)	U.A.E
9	METHIBECT	UKRAINE	10	UNITED SULEH COMPANY LLC	SAUDI ARABIA				10	ANDREWS FASTENERS LIMITED(SDS fasteners)	UK
10	AM/NS Middle East FZE	India	11	TANGSHAN FENGURAN SHENHENG STEEL CO., LTD	CHINA	GRATINGS			11	AL BATEN BUILDING MATERIALS TRADING LLC(Bolts)	U.A.E
11	PSC "LYICH IRON STEEL & WORKS OF MARIUPOLE"	UKRAINE	12	AL JAZEERA STEEL PRODUCTS CO. SAOG	DMAN	SI.NO	Manufacturer	ORIGINS	12	AUDAX STEEL FZC(bolts)	U.A.E
12	JIANGSU SHAGANG GROUP CO., LTD	CHINA	13	MESCIEH	TURKEY	1	Oasis Metal LLC	UAE	13	MF FASTENER INDUSTRIES LLC(SDS & bolts)	U.A.E
13	ANGANG STEEL COMPANY LIMITED	CHINA	14	THL TUBE & PIPE INDUSTRIES LLC	UAE	2	Lion Weld LLC	UAE	14	JYI PIN LIH INDUSTRIAL CO LTD	TAIWAN
14	Yingkou Iron & Steel Co., Ltd.	CHINA	15	APL APOLLO TUBES LIMITED	INDIA	WELDING CONSUMABLE			15	GSH (bead mastic)	USA
15	POSCO	INDONESIA, KOREA	16	TANJIN ZHONGTONG STEEL PIPE CO., LTD	CHINA	SI.NO	Manufacturer	ORIGINS	16	HS BUTTY(bead Mastic)	UK
16	HBIS GROUP TANGSTEEL COMPANY	CHINA	17	JIANGYIN HANHE STEEL CO., LTD	CHINA	1	ESAB	UAE	17	NEW DIAMOND (GRAY TAPE,FAST FLASH)	UAE
17	NANJING IRON & STEEL COMPANY LIMITED	CHINA	18	HISTEE CO., LTD	KOREA	2	Graparaywal RBC(Gold E71T-1)	POLAND	18	SHIRTAP(Graytape)	USA
18	NETTIVEST	UKRAINE	19	CONARES STEEL	UAE	3	Ador welding limited	Saudi Arabia	19	FIBRE GLASS INSULATION (Kasuf)	UAE
19	MINMETALS YINGKOU MEDIUM PLATE CO	CHINA	22	Seashore Steel	Qatar	4	WB alloys	UK	22	IDEL FIBRE GLASS & PLASTIC FACTORY(SKYLIGHTS)	UAE
20	SAIL	India	23	Universal Tube & Plastic Ind.Ltd	UAE	5	Hyundai	KOREA	25	HBI	UAE
21	INNER MONGOLIA BAOTOU STEEL	CHINA	24	Emboss Tube Mills LLC	UAE		Bavaria	Germany	26	Warth Gulf	UAE
22	HUNAN VALIN LIANYUAN IRON & STEEL CO., LTD	CHINA	25	Ajmal Steel Tubes & Pipes Ind. L.L.C.	UAE	Galvanizing			27	Ejot	UAE
23	JINDAL STEEL	INDIA	26	AGSI	UAE	SI.NO	company	ORIGINS	28	Technical Metal LLC	UAE
24	ARCELOR MITTAL NIIPPON STEEL INDIA LIMITED	INDIA	Lab testing			1	Zinc power LLC	UAE	29	AL FIROZ HARDWARE	UAE
			SI.NO	Lab	ORIGINS	2	Falcon Zinc Metal Industries LLC	UAE	30	BASELINE BOLT INDUSTRIES	UAE
			1	Aries Marine	UAE	MPI consumable			31	Advance Packaging	UAE
			2	Lonestar	UAE	SI.NO	company	ORIGINS	32	Europalf Packaging and Adhesives	UAE
			3	Tronasis	UAE	1	Magnafux	UK	Doors		
			4	Interface	UAE				1	Lakshmi Metal Tech LLC	UAE
Painting									2	Micasa Steel Industries LLC	UAE
SI.NO	Manufacturer	ORIGINS							3	Ferco Shutters and Seating Systems (M.E.) Manufacture LLC	UAE
1	Berger Paints	UAE							4	Al Khabej Metal Coat LLC	UAE
2	Air blast	UAE									
3	Athacores	UAE									
4	Kottar (Isocelk)	Turkey									
5	W abrasives (Winova)	UAE									

Responsible Division	Responsible Discipline	Document Type	Document Status
D0203	Quality Control	Request for Pre-Qualification	Issued for Approval


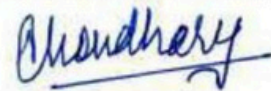
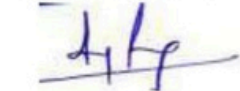
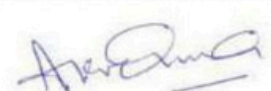
ETIHAD RAIL STAGE 2 & 3 PROJECT

D0203 – PACKAGE 2F2

FREIGHT FACILITIES

Prequalification for Testing and Inspection Activities

(M/s. Trans Asia Industrial Laboratories)

Prepared	Dineshkumar Subburaj		15-SEP-2021
	Manager / L&T - PC JV		
Verified	Vinod Choudhary		15-SEP-2021
	Procurement Manager / L&T - PC JV		
Approved	Ranjan Roy		20-SEP-2021
	Project Director / L&T - PC JV		
Quality Process Approval	Arun Kumar Verma		20-SEP-2021
	Quality Manager / L&T - PC JV		
	Name	Signature	Date

Document Number											Issued Date		22-SEPT-2021										
Contract No.	-	Location/ Subdivision	-	Discipline	-	Type	-	Sequence Number	-	Revision													
2	0	2	0	3	-	S	2	3	-	G	Q	C	-	P	F	-	0	0	0	2	3	A	A

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Transmittal Number: S23-IFIA-JBS-LTP-07147

Project Reference: S23

To: LTP-Larsen & Toubro & Power Construction Corporation of China JV **Issue Date:** 18/10/2021 11:21:39

From: JBS-Jacobs Engineering Group **Return By Date:** -

Issue Reason: IFIA-Issued for Implementation-Action

Summary: D0203-S23-GQC-PF-00023-AA Prequalification for Testing and Inspection Activities

Notes/Instructions:

Attached Documents:

Document Number	Rev	Title	Contract Number	Acceptance Code
D0203-S23-GQC-PF-00023	AA	Prequalification for Testing and Inspection Activities (M/s. Trans Asia Industrial Laboratories)	D0203-Package 2F2 Freight Facilities	01-Accepted

Distribution:

Name	Reason	Delivery Method
Abdul Nawaf	N - Notification	System Notification
Simon Kokar	N - Notification	System Notification
Sebastien Mangeant	N - Notification	System Notification
David Landsberg	N - Notification	System Notification
Martin Payne	N - Notification	System Notification
Michel Gerges	N - Notification	System Notification
Shareef Parapurayan	N - Notification	System Notification
Mariam Al Marzouqi	N - Notification	System Notification
Atif Minhas	N - Notification	System Notification
Rejitha Raju	N - Notification	System Notification



PREQUALIFICATION DOCUMENT

Project :	PN2301-DECCampusLegacyatDubaiExhibitionCentre(DEC)
Employer:	Dubai World Trade Centre (DWTC)
Lead Consultant:	EGIS Engineering Consultants

Submittal Ref:	PN2301-CP01A-CSIL-EGS-STR-PQD-000012	Rev:	01	Date:	31/07/2024
Discipline:	Civil Struct Mech Elect Arch General	Originator:	CSIL		

LIST OF SUBMITTED ITEMS:

Item	Description	No. of Copies	Remarks
1	Pre-Qualification of M/s Asia Industrial Laboratory	01	

COMPLIANCE STATEMENT The Contractor hereby confirms that the submitted items have been reviewed in detail and are correct and in strict conformance with the Contract Documents.

Contractor's Authorized Signature: AN FENGLIN (PM)

REVIEWER'S COMMENTS

Lead Consultant Comments:	Sub Consultant Comments:
<p>Egis-Status"B"</p> <p>1.Full compliance with the project specification, approved drawings, and local authority requirements.</p> <p>2.Approval does not relieve the contractor from the contractual obligation.</p> <p align="right">Sathish Gnanasekaran Sr.Structural Engineer 07/08/2024</p>	

Name, Signature and Date Comments Sheet Attached? Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>	Name, Signature and Date Comments Sheet Attached? Yes <input type="checkbox"/> No <input type="checkbox"/>
--	---

Approval Status: A B C D E

Authorized Signature: Makram El Awar **Date** 07.08.24

Note:The Engineer's approval shall not in any way relieve the Contractor of his obligation under the Contract. The Contractor shall be solely responsible for the soundness and the correctness of the submitted Materials and Documents as per Contract

Approval Codes: A: Approved, B: Approved with comments, C:Revise & Resubmit, D: Rejected, E:Review not Required, N: No Objection

COMMENT SHEET

Reference: D7068-MDR-COOEC-SA-LE-005064

Subject: APPROVAL OF THIRD-PARTY SERVICE PROVIDER FOR WELDING PROCEDURE QUALIFICATION AND WELDER QUALIFICATIONS FOR JAY SCOPE.

Agency	Scope	Status
Trans Asia Industrial Laboratories LLC Dubai	Third Party Service Provider for Welding Procedure Qualification and Welder Qualification Mechanical Testing.	Approved

Comments:

1. For PQR, Contractor shall ensure copy of the ISO 17025 certificate of testing laboratory shall be submitted along with WPS submittal as a mandatory requirement for CSD review in line with SAEP 352 Para 5.1. f. Note.
2. CONTRACTOR to ensure TPI Inspectors qualification shall meet the requirements of Schedule-Q, Attachment-I.
3. CONTRACTOR to ensure testing of procedure and performance qualification shall be witnessed, reviewed, and certified by: a. WTA Inspector. b. Company approved TPI Agency Inspector appointed by Contractor. c. Contractor Approved Inspector. d. Company Inspector as a verifier upon mobilization at the fabrication site.

From: MohamadReslan.Elnabouche@bakerhughe <MohamadReslan.Elnabouche@bakerhughes.com>
Sent: Monday, April 21, 2025 8:24 AM
To: Nazia <Nazia@transasialab.com>
Subject: BH Supplier Approval Notification

TRANS ASIA INDUSTRIAL LABORATORIES

Due to a recent evaluation by Baker Hughes Company you are approved to provide the products, components or services identified below by the relevant SRS-QA note (Notes). You must comply with the requirements in the latest revision of BH-SOU-001 "Supplier Quality Requirements" General" and Notes. If you receive a purchase order for products, components or services for which you are not approved, you must notify the applicable BH buyer immediately. You should not start any work until you receive approval from the buyer to do so.

For products, components or services with a C1 designation shown next to the unit description in a purchase order, you must follow the requirements set out in SRS-QA00-1.

The mill that supplies the raw materials must be on the Baker Hughes Company Approved Metal list (AML). Raw materials from other suppliers will be rejected.

The SRS manual and AML list are available on <https://bhmr.b.alfrescocloud.com/share/page/site/srs/dashboard>. If you have not accessed this site before, contact your BH representative to gain access to <https://bhmr.b.alfrescocloud.com/share/page/site/srs/dashboard>. Once your registration is approved, you will receive an email with instructions on how to complete the registration process. Please ensure all hard copies in your possession are destroyed.

Approved for BH SRS Note: SRS-QA30(NONDESTRUCTIVE TESTING (NDT)):PENETRANT TESTING (PT),ULTRASONIC TESTING (UT),MAGNETIC PARTICLE TESTING (MT),RADIOGRAPHIC TESTING (RT),POSITIVE MATERIAL IDENTIFICATION (PMI),HARDNESS TEST (HT),VISUAL TESTING (VT)

Regards,

Baker Hughes Company

Ref: BH Supplier Number: 10123759 , ASL Request Number: ASL-0077-2025

Prequalification Certificate Subcontractor/Supplier

Company: TRANS ASIA INDUSTRIAL LABORATORIES L.L.C

Reg#:

/

Type: Supplier
Address: dubai
Telephone: 97148847220
Fax: 5269167

Further to your request for prequalification, we are hereby pleased to advise you that your application has been successfully considered and your company is approved for the following activities:

Agency	Department	Main Categorization	Work Scope	Value Limit (AED)	Status	Expiry Date	Green Procurement	HSE	Manufactur
TRA Sub-Contractor	TRA - Road Structures	TRA - Sub-Contractor	Testing & Certification Works	1,000,000	Conditionally Prequalified	02 Oct 28		N/A	

Printed On 10/2/2025

Please Note

The above approval is for the above period, renewable according to request and successful review process by RTA, and is conditional upon your participation in RTA tenders and projects. We reserve the right to withdraw same at our sole discretion at any time. This Certificate is issued by the Roads and Transport Authority (RTA) and does not require stamping or signature

Our Vision: Safe and smooth transport for all

الأمّن وسهول للجميع

Tel. +971 4 284 4444 . Fax +971 4 2065555. P.O.Box 118899, Dubai, U.A.E

www.rta.ae

+97142844444 فاكس +97142065555 ص ب 118899 دبي، ا.ع.د



شهادة تسجيل الموردين Suppliers Registration Certification					
Registration Details			تفاصيل التسجيل		
Supplier Number	166476		رقم المورد		
Company Name	Trans Asia Industrial Laboratories LLC	ترانس لسيا للمختبرات الصناعي ش.نم	اسم الشركة		
TL Number	854777		رقم الرخصة التجارية		
Legal Type	Dubai Supplier	موردي دبي	الشكل القانوني		
Supplier categories	Activity - Consultant or Contractor		تصنيف المورد		
Expiry Date	20/JAN/26	تاريخ الانتهاء	Issue Date	20/JAN/25	تاريخ الإصدار
Approved Activities			الأنشطة المعتمدة		
Laboratory Testing Equipment WATER SAMPLING APPARATUS Laboratory Testing Equipment OIL CONTENT ANALYSER Other Services Engineering Consultant Other Services Tanks Cleaning Services Other Services Professional Certification Other Services Inspection Services Other Services Testing and Certification services Other Services Outsourced Inspection Services Consultation Environment Consultants & Studies Consultation Soil Analysis Services Heating System Boilers Heating System Heat Exchanger			WATERSAMPLING APPARATUS معدات الاختبار المعملية OIL CONTENT ANALYSER معدات الاختبار المعملية خدمات أخرى مستشار الهندسة خدمات أخرى تنظيف الخزانات خدمات أخرى الشهادات المهنية خدمات أخرى خدمات التفتيش خدمات أخرى خدمات الاختبار والشهادات خدمات أخرى خدمات التفتيش الخارجية الاستشارة مستشارو ودراسات البيئة الاستشارة خدمات تحليل التربة نظام التدفئة الغلايات نظام التدفئة المبادل الحراري		
Remarks:			الملاحظات:		
هذه شهادة تسجيل صالحة لمدة سنة من تاريخ إصداره This Certificate is valid only for ONE YEAR of its issue date					

Payment Voucher

وثيقة الكترونية معتمدة وصادرة بدون توقيع من بلدية دبي لمراجعة صحة البيانات الواردة في التسجيل يرجى زيارة الموقع www.dm.gov.ae
 Approved electronic document issued without signature by the Department of Dubai Municipality to verify the registration
 kindly visit www.dm.gov.ae

الرؤية: بناء مدينة سعيدة ومستدامة.
 Vision: Build a happy and sustainable city

CLIENT	CONSULTANT	CONTRACTOR
		

TRANSMITTAL NOTE

Ref: 167W2020/D480357/KN/TN/21/038

Date: 04.04.2021

To:
Water Directorate
Etihad Water & Electricity
P.O. BoxNo. 1672
Dubai, U.A.E.

Kind Attn. : Engr. Roberto Giron – Project Manager 167W2020
Transmission Pipelines 2XDN1800CS from UAQ New 150MIGD RO Plant to Khurajja
Project : New WDC – RAK
167W2020
Contract No. : Pre-qualification of DT Services (M/s. Trans Asia Industrial Laboratories, UAE)

Subject : _____
References : (1) 167W2020-TCHO-STANTEC-OT-0080 Dated 22.03.2021

<input type="checkbox"/> Information	<input checked="" type="checkbox"/> Approval	<input type="checkbox"/> Re-approval
<input type="checkbox"/> Construction	<input type="checkbox"/> As-Built	<input type="checkbox"/> Records

Dear Sir, With reference to the above-mentioned subject, please be advised that the submitted Pre-qualification of DT Services (M/s. Trans Asia Industrial Laboratories, UAE) via ref. (1) has been reviewed and found to be Approved with comments (Code B). Stantec’s comments on the subject submittal are as per attached “Comment Sheet”.

Document/Drawing No.	167W2020-TC-G00-0023	Rev.	0
Title/Description	Pre-qualification of DT Services (M/s. Trans Asia Industrial Laboratories, UAE)		
Recommendation	Approved with comments (Code B)		

Your valuable review and feedback on the attached submittal will facilitate the official reply to the Contractor.

Yours Faithfully,

For STANTEC

For EtihadWE







Khaled Nagy
Resident Engineer
Mobile :0501246784
Email :Khaled.Desoky@stantec.com

We acknowledge receipt of above

Name:

Sign:

Date:

CLIENT		CONSULTANT	CONTRACTOR	
				
STANTEC COMMENTS SHEET				
Contract No.	167W2020			
Project Title	Transmission Pipelines 2XDN1800CS from UAQ New 150MIGD RO Plant to Khurajah New – RAK			
Subject	Pre-qualification of DT Services (M/s. Trans Asia Industrial Laboratories, UAE)			
Stantec Ref.	167W2020/D480357/KN/TN/21/038	Date	: 04.04.2021	
Contractor Ref.	167W2020-TCHO-STANTEC-OT-0080	Date	: 22.03.2021	

Page 1 of 1

Sr. No.	StantecComments
1	The proposed Third party Lab “M/s Trans Asia Industrial Laboratories, UAE” is acceptable, even though the proposed lab was not included in the Schedule F of the contract documents (Copy attached for reference) based on their Accreditation from Emirates International accreditation centre(EIAC) and resources listed in the submittal.
2	Compliance for all relevant project specifications Volume 2-Chapter 4-PS-14 Clause 5.2.4 shall be included in the submittal, to ensure that there is no deviations from the contract specifications.
3	Approval is only to conduct Destructive tests for WPQT.
4	Approval, subject to satisfactory performance and compliance with the destructive test procedures
5	Contractor to ensure that all Laboratory Equipment's are with valid calibration certificate. Some of the Equipment on the List are nearly on its next calibration date and some are due already see page 55/126 (Proving Ring).
6	Be specific and complete the abbreviation for WPQT. Can be referred to as Welding Procedure Qualification Test and/or to Welders Performance Qualification Test as well.

TRANSMITTAL NOTE

To

STANTEC

P.O Box No: 3020

Dubai, United Arab Emirates.

Tel: +971-4-506-2222

Website – www.stantec.com

Ref:167W2020-TCHO-STANTEC-OT-0080-Rev.0

Date: 22-Mar-2021

Kind Attn : Dr. Emad Al Shudifat, Project Manager

Project : Transmission Pipelines 2XDN1800 CS from UAQ New 150MIGD RO Plant to Khuraijah New WDC – RAK

Contract No : 167W2020

We Enclosed the following documents for:

Information

Approval

Re-approval

Construction

As Built

Records

Item	Document / Drawing No.	Title / Description	Rev.	Remarks
1	167W2020-TC-G00-0023	Pre-qualification of DT Services (M/s.Trans Asia Industrial Laboratories, UAE)	0	

Yours faithfully

For **TECTON Engineering & Construction LLC**




Vinod P Menon
Project Manager

Cc: EWE Water Projects Directorate

Hard Copy: 1 Original with 1 copy for Stantec
1 copy for EWE

For **STANTEC**

We acknowledge receipt of above

Name:

Sign:

Date:



ETIHAD WE CONTRACT No.: 167W2020



**PROJECT TITLE : 167W2020 : TRANSMISSION PIPELINES 2XDN1800CS FROM UAQ
NEW 150MIGD RO PLANT TO KHUJARRAH WDC-RAK**

CONTRACTOR:	M/s. TECTON Engineering & Construction LLC		CONSULTANT:	STANTEC
CONTACT NO.:	Phone No.: +97167422022 Email: Info@tectonme.com			

EQUIPMENT/MATERIAL/SUPPLIER/SUBCONTRACTOR APPROVAL REQUEST

Document Ref No.: 167W2020-TC-G00-0023 (OT-0080-Rev.0)	22-03-2021
--	------------

Location of Installation/Application:	Destructive Testing for WPQT	Approval request for:	Pre-qualification of DT Services (M/s.Trans Asia Industrial Laboratories)
--	------------------------------	------------------------------	---

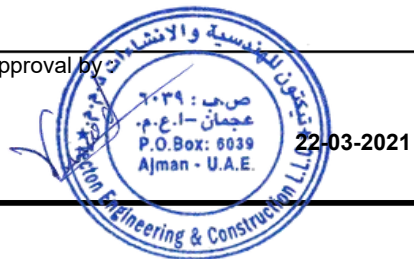
System/Plant Description:-	Equipment/Material Description :
Reference Drawing:	

Supplier/Sub-Contractor :M/s.Trans Asia Industrial Laboratories,UAE	Specs. Ref : MWA_PRO_07/WAM-04-PS14
--	--

Equipment/material manufacturer as proposed for this approval :	Equipment/material as per Specification:
---	--

Country of Origin : UAE Standard of Mfg.	Related Codes/Standards:
---	---------------------------------

Reasons for Deviation:	Submitted for approval by Signed : Date : Stamp :
-------------------------------	--



This submittal is enclosed with the following :
● Copies of Pre qualification documents.

This approval is awarded subject to compliance by Contractor with requirements stated below within the contractual time & cost.

A)Comments by Consultant - Stantec (Refer to attached comment sheet, if any):

-
-
-

A)Comments by Asset Management Department (Refer to attached comment sheet, if any):

-
-
-

B)Comments by Projects Department (Refer to attached comment sheet, if any):

-
-
-

Review/Approval by Stantec / EWE Water Directorate:

STANTEC 	Review/Approval by Asset Management Dept.			
		Engineer Concerned	Manager, Engineering	Director of Asset Management
Your above proposal is:	Discipline			
	Sign			
<input type="radio"/> Approved <input type="radio"/> Approved with Comments <input type="radio"/> Not approved	Review/Approval by Projects Department			
		Engineer Concerned	Project Manager	Director of Water Projects
	Discipline			
	Sign			
	Date			



TRANS ASIA INDUSTRIAL LABORATORIES L.L.C

(Public: Trans Asia Industrial
Laboratories LLC)



SM Vendor ID: S10549473
ERP Vendor ID: 1001103736

[View SAP Business Network profile](#)

**GUGGENHEIM ABU DHABI MUSEUM PROJECT – MAIN WORKS
WORKFLOW SUBMITTAL FORM**

Document No: GAD-STAE-PRQ-FAS-000036 Rev:00 Date: 13-10-2023

Title: Pre-Qualification Document for Ms. TransAsia Industrial Laboratory Services Laboratory L.L.C.

CONSULTANT COMMENTS							
No Objection							Stamp:
Status	A	B	C	D	E	Signature:	
	X					Date:	10 Nov 2023
EMPLOYER REP. COMMENTS							
							Stamp:
Status	A	B	C	D	E	Signature:	
				X		Date:	ST_13 Nov 2023
EMPLOYER COMMENTS							
							Stamp:
Status	A	B	C	D	E	Signature:	
						Date:	

Review Status:

A: Approved B: Approved with Comments C: Revise and Resubmit D: Reviewed E: Rejected



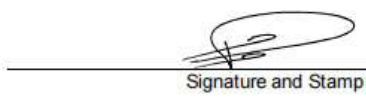
مجموعة شركات المقاولات
Binladin Contracting Group



Pre-qualification Submittal

Contract No.:	SIAEP-CP515-CON-GEN-001	Doc. Submittal No.:	SIAEP-P0-CP515-PRQ-ST-003
Contract Title:	New Passenger Terminal Building, Refurbishment of Existing Terminal and Associated Works	Revision No.:	0
From:	Binladin Contracting Group LLC	Date:	18-Nov-2024
To:	IBG / ONE WORK JV	Aconex Ref. No.	

Title/Description	Action Required	
Pre-qualification Submittal for Third Party NDT in UAE (Third Party: Trans Asia Industrial Laboratories LLC) (Sub-contractor: CSCEC Steel Industries LLC)	For Approval	<input checked="" type="checkbox"/>
	For Review & Comments	<input type="checkbox"/>
	For Information & Record	<input type="checkbox"/>

Contractor Authorized Representative Name	
Rajae Mansour Project Manager	



Construction Supervision Consultant Comments

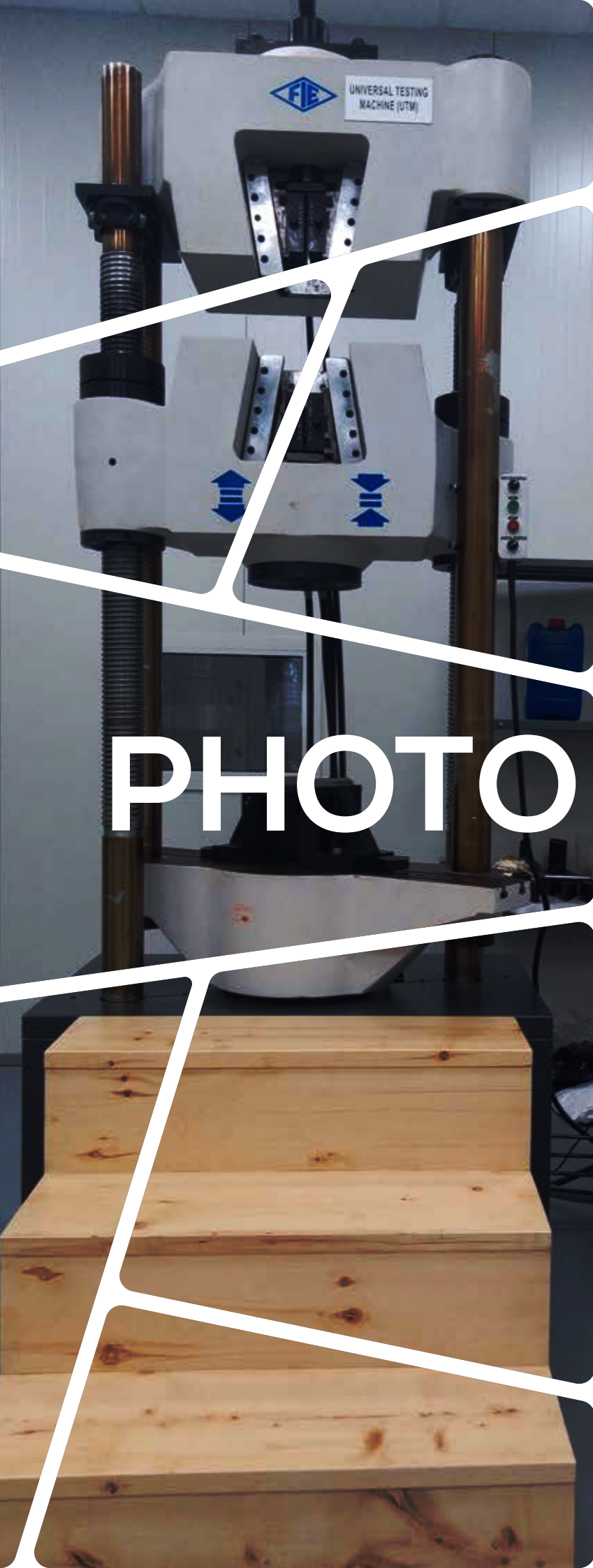


PHOTO BOOK

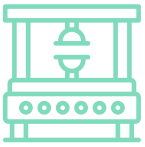
LAB FACILITY



Machine Shop

Modern machine shop equipped for precision machining, supporting specimen preparation and testing.

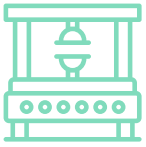




Mechanical Lab

Well-equipped mechanical laboratory designed for precise material testing and performance assessment.





Metallurgical Lab

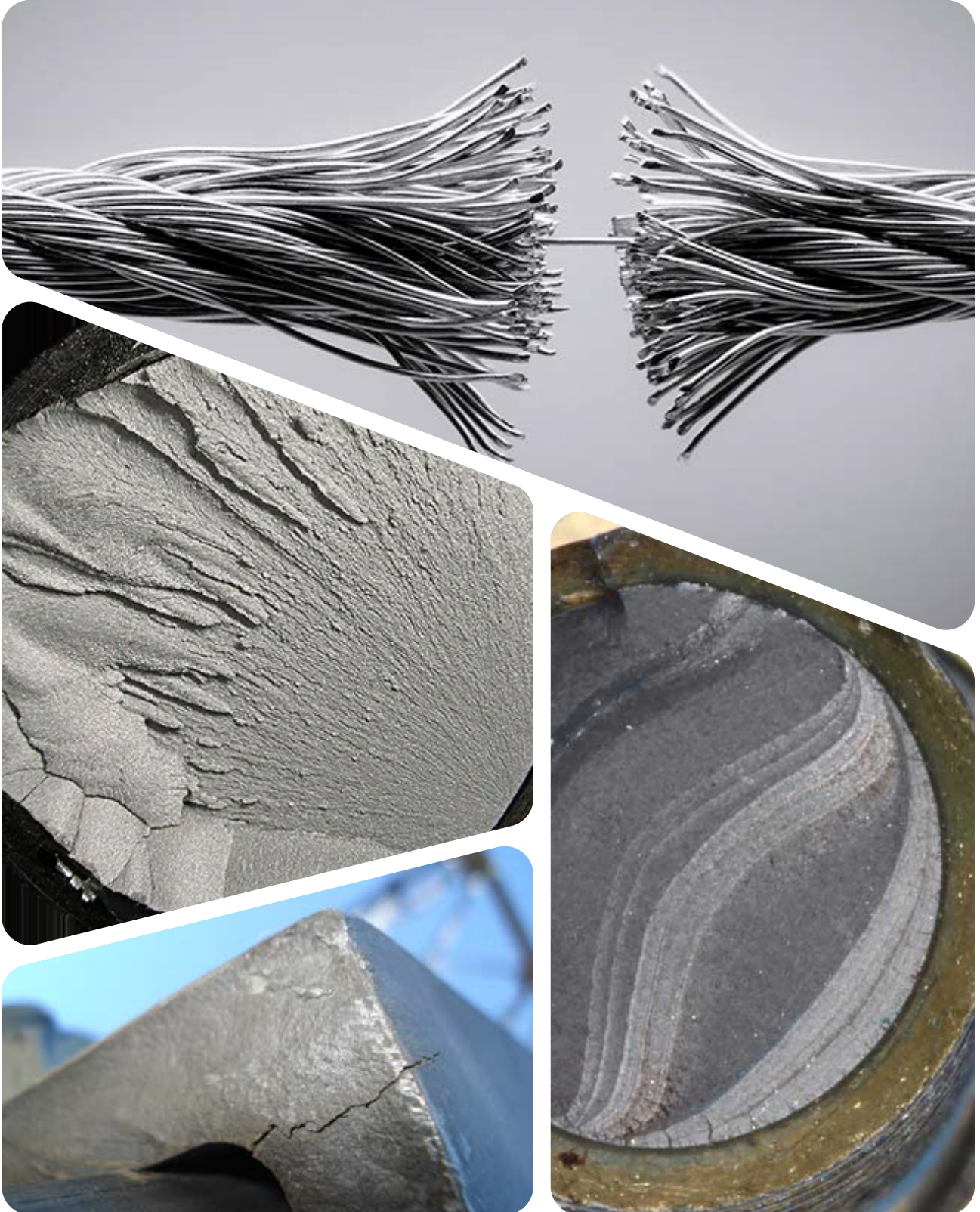
Specialized metallurgical laboratory supporting in-depth material investigation and quality assessment.





Failure Analysis

Dedicated failure analysis laboratory delivering accurate root-cause determination and corrective insights.





Chemical Lab

Advanced chemical laboratory enabling accurate material analysis and composition assessment.





Corrosion Lab

Specialized corrosion laboratory supporting material degradation analysis and resistance evaluation.



MAJOR PROJECTS

LIST OF MAJOR PROJECTS

SR. NO.	PROJECT EXECUTED	NATURE OF WORK	CLIENT	COMMENCEMENT DATE	COMPLETION DATE
1	Maintenance and Shutdown	UT Scanning & UT Gauging	Star Cement	May-25	Aug-25
2	Turbine & Compressor Wheels	Ultrasonic Testing, FMPI, FPT, Hardness, Replica, PMI XRF	Thomassen Service Middle East LLC	Feb-25	Ongoing
3	Regular Maintenance and Shutdown	Ultrasonic Testing, Magnetic Particle Testing, Liquid Penetrant Testing, and Heat Treatment	Union Cement Company (Pr. J.S.C)	Feb-25	Ongoing
4	EXPANSION Dubai Exhibition Centre (DEC)	Ultrasonic Testing, Magnetic Particle Testing, Liquid Penetrant	CSCEC Steel Construction Contracting LLC	Jan-25	Ongoing
5	Hassyan Coal Power Plant-Phase-1 & Various Clients	Radiographic Testing, Ultrasonic Testing, Magnetic Particle Testing, Liquid Penetrant	Bureau Veritas S A. Dubai	Jan-25	Ongoing
6	Various Projects	Ultrasonic Testing, Magnetic Particle Testing, Liquid Penetrant Testing, Hardness Testing & Heat Treatment	Castolin Eutectic	Jan-25	Ongoing
7	Guggenheim - Abu Dhabi / JN 5011	Visual, Ultrasonic Testing, Magnetic Particle Testing, Liquid Penetrant Testing, Hardness Testing & Heat Treatment	Verity Structural Steel Fixing L.L.C.	Jan-25	Ongoing
8	Various Projects	Ultrasonic Testing, Magnetic Particle Testing, Liquid Penetrant Testing, Hardness Testing & PMI XRF	Drilltech Oilfield Equipment Manufacturing & Services	Jan-25	Ongoing
9	(Angola, Africa Region)	Eddy Current Services for tube Inspection	Harris Pye Gulf LLC	Jan-25	Feb-25
10	Various Components	Radiographic Testing, Ultrasonic Testing, Magnetic Particle Testing, Liquid Penetrant	Immensa Technology Labs LLC	Jan-25	Ongoing
11	Habshan-0 ADNOC	Supply of NDT Personnel	Al Masood Energy	Jan-25	Ongoing
12	Guggenheim Cone Cage Support/Project Code: ISP24008	Ultrasonic Testing & Magnetic Particle Testing	Advanced Engineering Solutions	Nov-24	Dec-24
13	NDT Services for their clients	Supply of NDT Personnel	Aries Marine & Eng. Services LLC	Nov-24	Dec-24
14	NDT Services for D, E, G, K, L, M & H Station	Ultrasonic Testing, Magnetic Particle Testing, Liquid Penetrant Testing, Hardness Testing, Replica Metallography, Heat Treatment	Dubai Electricity & Water Authority	Oct-24	Ongoing
15	MASAAR DEVELOPMENT-INFRASTRUCTURE SALES PRECINCT AND BUFFER ZONE-INFRASTRUCTURE CYCLE TRACK BRIDGE Extension Building For Al Dhaid University SHEIKH MANSOUR PALM VILLA Jumeirah Beach Hills Dist Cooling Plant AL KHALIL BIN AHMED SCHOOL	Visual, UTS & MPI	ALBA TOWER ALUMINIUM FACTORY LLC	May-24	Jul-24
16	RM-DOWNTOWN STATION 3E2-MOSQUE MASHRABIYA Reefer Racks - Constanta (MFG-127)/ Job No: 2100	Ultrasonic Testing & Magnetic Particle Testing	KELLY STEEL ENGINEERING FZ LLC	Apr-24	Nov-24
17	1079-CNOOC PY11-12 WHPA 1085-FPSO FRADE 1073-BORWIN-6 1099-Offshore Oil 201 Ship (HY201)	Visual, Ultrasonic Testing, Magnetic Particle Testing, Liquid Penetrant & PMI XRF	Marsol Technologies FZE	Feb-24	Ongoing
18	KAIGA 5&6	Stimulated Heat Treatment & Ultrasonic Testing	KSB LIMITED	Feb-24	Feb-24
19	1445076 Rev.03/ ITP No: 4382_19-1445076-00004	Ultrasonic Testing & Magnetic Particle Testing	Trouvay & Cauvin Trading & Services LLC	Feb-24	Nov-24
20	(NDT) & HEAT TREATMENT SERVICES AT 'K', 'L', 'M', & 'M-EXT' STATIONS, JEBEL ALI.	Ultrasonic Testing, Magnetic Particle Testing, Liquid Penetrant Testing, Hardness Testing, Replica Metallography, Heat Treatment	Dubai Electricity & Water Authority	Jan-24	Ongoing
21	Various Projects	NDT & Supply of Manpower	Drydocks World - Dubai	Jan-24	Ongoing

LIST OF MAJOR PROJECTS

22	Various Projects	Ultrasonic Testing, Magnetic Particle Testing, Liquid Penetrant	Danway Electrical & Mechanical Engineering LLC	Jan-24	Ongoing
23	EPC2-TINRHERT PROJECT FULL DEVELOPMENT GAS PHASE (Job No.:C9321-E)	Ultrasoic Testing, Magnetic Particle Testing, Liquid Penetrant Testing, Hardness Testing & PMI XRF	Rudiment Engineering LLC	Jan-24	Mar-24
24	Red Sea Shura Island / Ref. PO No: SA-RSG-004-FME	Visual, Ultrasonic Testing & Magnetic Particle Testing	Flowline Mechanical Engineering FZC	Jan-24	Dec-24
25	HS206 – Transcop / KECTL/0124 / HS 409 (Zillinskis)	UT Lamination / UTS / DPT	Globe Inspection KEC Towers LLC	Jan-24	Feb-24
26	Jubail Industrial Gas Network Project/ Ref. No: 23-1-03-05356 / Customer PO# SM00004659	Positive Material Identification (PMI) / NDT	Petrogas Piping Middle East FZCO	Jul-23	Aug-23
27	Star Cement Co., L.L.C.	Supply of NDT Level II Inspector for UTS	Vibspectrum International Electromechanical LLC	May-23	Jun-23
28	Project No: 10654	Supply of PCN NDT Inspector	NDT Corrosion Control Services	Mar-23	
29	EGA Shutdown	Supply of NDT Inspectors	International Inspection Services Ltd	Mar-23	May-23
30	Challan No. 012 to 015	NDT & Mechanial Testing	Embosal Tube Mill LLC	Mar-23	Mar-23
31	Barge CB - 06	Floating Barge - UT Gauging at Oman	Globe Inspection / Khimji Ramdas Shipping LLC	Feb-23	
32	Round Bars, Stud Bolts & Hex Bolts	UTS, MPI & DPT	Tristar Middle East Industries LLC	Feb-23	
33	Oman Botanical Garden L & T HYDROCARBON SAUDI INTEGRATED MANUFACTURING FACILITY, HWPV: JUBAIL, KSA Greater Male Connectivity – Male to Thilafushi Link (5752) Oman Botanical Garden	UT Scanning on Structural Welds & MPI on Fillet Welds (Oman Botanic Garden	Microfab Structural Steel Manufacturing LLC	Feb-23	
34	Pinion Shaft - Jacking Motor MARATHON LETOURNEAU 32HP 600 V 69.6A 60 HZ 600RPM	Florescent Magnetic Particle Testing	GLS Services FZE	Feb-23	Mar-23
35	KHL STEEL / AL MASOOD / Aertssen / Al Tilal Steel / Al Masood / DBMSC STEEL FZCO Fabrication of 8T+8T 23460 mm span DG EOT CRANE/201206 AHMAD INDUSTRIES FABRICATION OF 35tx35000mm SPAN DG EOT CRANE SEAROCK TSE PUMP STATION / Project Number: - 201140 Proscape / Project No:201190	Ultrasonic Testing, Magnetic Particle Testing & Positive Material Identification XRF Method	Ace Crane Systems LLC	Jan-23	Jul-23
36	Various Projects	Ultrasonic Testing, Magnetic Particle Testing, Liquid Penetrant, Portable Hardness & Positive Material Identification OES	GERAB NATIONAL ENTERPRISES LLC	Jan-23	Jul-23
37	HAIFA CHEMICALS AMMONIA PLANT, ISRAEL SAIPEM-SERVIZIA ENERGIA ITALIA SPA // SO 12251054 Petroleum Accessories for Industries/ Dolphin Energy Limited	Ultrasonic Testing, Magnetic Particle Testing & Positive Material Identification OES & XRF Method	Van Leeuwen Pipe and Tube Gulf FZE	Jan-23	Sep-23
38	Internal	Supply of HT Equipment, Accessories & Manpower Service PR# 7123672 for renting of heating equipment for Raw Mill Spare Roller Dismantling Works against WO# P201100001290612	Lafarge Emirates Cement LLC	Jan-23	Feb-23
39	METITO Project / JMC 333 / Triton 330 - Barge	UT Scanning, MPI on Structural & Piping, Vacuum Box Testing	Premier Marine Eng Services LLC	Jan-23	Apr-23

LIST OF MAJOR PROJECTS

40	JURASSIC PRODUCTION FACILITY-4(JPF-4) AT NORTH KUWAIT/P0281	Ultrasonic Testing, Magnetic Particle Testing & Liquid Penetrant Testing	MAB OILFIELD ENGINEERING & SOLUTION FZC	Jan-23	May-23
41	CRPO # 87 For Fourteen Jackets in Manifa Field Fabrication of ORCA II Frames Replacement of Ended Lifetime Technologies and Assets for Shoaiba Ph-I Desalination Plant	Ultrasonic Testing, Magnetic Particle Testing & Positive Material Identification XRF Method, Portable Hardness & Ferrite Measurement.	Ocean Rubber Factory LLC	Jan-23	Dec-23
42	Petrofac Emirates LLC TDE OVERSEAS LIMITED	Ultrasonic Testing & Magnetic Particle Testing	Galperti Middle East Fze	Jan-23	Dec-23
43	Etihad Rail Project, ADP, Ras Al Khaimah	UTG & Coating Thickness & MPI on Portable Water Supply Al Sahab Rest Area Khurfakkan	Fides Modular Fabrication & Assembly LLC	Jan-23	Jan-23
44	Various Projects	Positive Material Identificatioon - OES & XRF	METRADE INTERNATIONAL FZE	Jan-23	Dec-23
45	PETROLEUM DEVELOPMENT OMAN L.L.C (PDO) PETROSERVE INTERNATIONAL MMPS GAS COMPRESSION PROJECT(MGCP)/ P. O. No: 2046-PPFP/613 Petrofac E&C Oman LLC	Liquid Dye Penetrant Testing & Positive Material Identification OES & XRF Method	MEZON STAINLESS STEEL FZCO	Jan-23	Jan-23
46	Jubail Industrial City-3 EA-Plant-22 / Job No: J4375	Boroscopic Inspection of Replacement Of No.1 RE-HEATER / J4532	Prestige Engineering LLC	Jan-23	Mar-23
47	Various Projects	NDT & Mechanical Testing	Tri Star Middle East Industries LLC	Dec-22	Apr-23
48	Hassyan Clean Coal Power Plant Phase – 1 Proserv Middle East FZE-PJ-05-001585, PJ-05-001587 RAS MARKAZ CRUDE OIL PARK PROJECT (PHASE-1)	Liquid Dye Penetrant Inspection on Main Reservoir, MPI, PMI & RT (Subcon)	Unique Engineering and Manufacturing LLC	Nov-22	Jan-23
49	Reinforcement of AD Dakhliyah Water Transmission System – Phase II	PHASED ARRAY ULTRASONIC TESTING	Petrolynx Industries and Projects LLC	Nov-22	Jan-23
50	Gantry Structure Refurbishment	UTG, UTS, MPI & LPT of Structural Welds & Lifting Pad Eyes	SS Oilfield International FZC	Nov-22	Feb-23
51	Various Projects	Gamma RT of various size Elbows	Gamma Ship Repair	Oct-22	Dec-22
52	LIBRA	Mechanical Testing, Chemical Analysis, MPI & PWHT of Aux. Boiler Furnace Tube Plate & Tube Stack Plate Local Repair Area onboard various vessels at Port Khalid, Sharjah. Mechanical Testing for PQR & WQT.	Al Mufaddal Engineering & Marine Services Co. LLC	Oct-22	Nov-22
53	IMG THEME PARK LLC	Visual, UT Scanning, MPI & DPT	NDT International Pipelines Testing Services	Sep-22	Jan-23
54	SEMCO/1007 & WPS, PQR & WQT	NDT & Mechanical Testing	Marsol Technologies FZE	Sep-22	Dec-22
55	Various Projects	Visual Inspection, Ultrasonic Thickness Measurement, Ultrasonic Lamination Test & Magnetic Particle Testing of 500 mm Pipe at Index Tower.	Procal Measuring & Control Equipment	Aug-22	Ongoing
56	PQR, WPS & WQT	NDT, Mechanical & Chemical Analysis	SRN Mechanical Services LLC	Jul-22	Sep-22
57	Various Projects	NDT & Mechanical Testing	Arabian Pipeline Supply FZCO	Jun-22	Jul-23
58	Various Projects	UT Lamination / MPI / Hardness on Fittings	Galperti Middle East FZE	Jun-22	Ongoing
59	Storage Tank Re-Assembly & KEC Towers	Supply of PCN Level II Multi NDT Inspector for Audit & UTG	TryIN Solution LLC	Jun-22	Jun-22
60	Storage Tanks	RT OF PREPOSED STORAGE TANKS CLIENT: EBS GPG ARIA FZC (Subcon)	Kenzo International FZC	May-22	Dec-22
61	WPS-PQR-WQT for Fillet Weld Qualification Installation of Flow Line for Injector Well in North Kuwait	Visual Inspection & Macro Examination	Bin Sari Specialized Technologies	May-22	Mar-23

LIST OF MAJOR PROJECTS

62	Various Projects	NDT & Mechanical Testing	Heavy Engineering Industries & Shipbuilding Co. KSC	May-22	Feb-23
63	Volzhsky Russia	UT Scanning of various dia Pipes (Cirseam & Longseam)	Arrow Pipes & Fittings Fzco	May-22	Aug-22
64	Deep Tunnel Strom Water System Terminal Pumping Station & Sea Outfall D 587-Water Transmission Scheme From Madina Zayed to Liwa & Qusahwira	Non-Destructive Testing Mechanical Testing	Danway Electrical & Mechanical Engg.	Apr-22	Jul-22
65	Etihad Rail Project Stage 2&3 – Package 2F2	MPI, Hardness & Third-party Inspection	L & T Powerchina JV	Apr-22	Dec-22
66	Various Projects	Radiography Test, Hardness Testing, Mechanical Testing & Ferrite, pH & Chloride of Water Samples	Samamat Flow control LLC	Apr-22	Jun-22
67	DEWA Boiler Inspection, Jebel Ali, Dubai	Replica, Hardness, Ultrasonic Thickness Gauging & Boroscopic Inspection	DNV GL SE	Apr-22	Jun-22
68	Various Projects	PMI of 1/2"SLIPON JIS 10K A182 F316/L & PMI of 16" 300 Ball Valve	MSG Oilfield Equipment Trading LLC	Apr-22	May-22
69	Package: P101-032 - Supervision of Maydh Jetty Construction, Sanaag Region, Somaliland	Supply of Multi-Disciplined NDT Inspector - Ultrasonic Scanning and MPI of Structural Welds.	SWS Consulting Engineering S.R.I	Mar-22	Apr-22
70	Various Projects	PMI XRF on SS Pipes, Fittings & Gate Valve, Ultrasonic Testing & Florescent Magnetic Particle Testing of Various Sizes of Flanges	OGS & Chemical FZC	Mar-22	Jun-23
71	20 mm thick welded plate sample PQR NO : SRW/PQR-01 WPS NO : RSW/WPS-001 , PROCESS : FCAW	NDT & Mechanical Testing	Rally Steel Workshops	Mar-22	Mar-22
72	Various Projects	PMI-OES, NDT & Mechanical Testing	Arrow Pipes & Fittings Fzco	Feb-22	Ongoing
73	Sample size: 20 mm Thick Plate Material: API 2H50 Heat No: 495771 Plate No: 54229801 Client: L & T	Metallurgy, Corrosion Testing and NDT	Dillinger Middle East FZE	Feb-22	Feb-22
74	Storage Tank No. ST-02, ST-03, ST-05 & ST-06	Vacuum Box Testing Services - Crew of 2 Technician with Vacuum Box Diesel Storage Tank	Global Engineering FZE	Jan-22	Jan-22
75	Various Projects	PMI JOB # 2110160231 [Seamless pipe PE SRL 3" & 1", SO flange FF SMF.	PFF Middle East DWC-LLC	Jan-22	Ongoing
76	8mm thick welded Plate sample Material Grade: SA516 Gr.70 Welding process: SMAW(5mm)	Mechanical Testing and NDT (PQR & WQT)	Al Daqeeq Eng Turning LLC	Dec-21	Dec-21
77	TPT-REQ-068 Ref. 2021WO2807	NDT & Mechanical Testing	Baseline Bolts Industries LLC	Dec-21	Dec-21
78	PIPE CS A106/API 5L B PSL2 SMLS 24" SCH 20/STD DRL BE ASME B36.10M Heat No: 796313 Material Grade: ASTM A106 Gr B	Mechanical Testing, NDT & Field PMI by OES	Gerab National Enterprises LLC	Dec-21	Dec-21
79	Various Projects	Positive Material Inspection	Danube Building Materials FZCO	Dec-21	Dec-21
80	Sharjah Multi fuel waste to Energy Facility Majnoon Sour Gas Treatment Facility Project Jurassic Production Facilities Offplot works at North Kuwait Areas.	Ferrite, HVHD, MPI, PAUT & PMI	Berg Industries	Nov-21	Apr-22
81	Etihad Rail Stage 2 & 3 Project D0203 – Package 2F2 Freight Facilities	Supply of NDT Inspectors and Mechanical Testing	SPT Oilfield Equipment & Vessels Manufacturers LLC	Nov-21	Jan-23
82	Various Projects	PMI-OES, NDT & Mechanical Testing	Gerab National Enterprises	Nov-21	Jun-23
83	Vessel: DAR SALWA	Radiography and Magnetic Particle Testing	Nico International	Nov-21	Nov-21
84	EPCL-irrigation pipe replace	Holiday Testing of 2" CS Pipe [EPCL Irrigation Pipe]	Power On Building Contracting LLC	Nov-21	Nov-21

LIST OF MAJOR PROJECTS

85	EXTENDED WELL TEST SUPPORT	Mechanical Testing, Corrosion Testing and NDT (PQR & WQT)	ABS Engineering FZE	Oct-21	Sep-22
86	PQR, WPS & WQT for Carbon Steel Pipes & Plates – SMAW GTAW GMAW Process	NDT & Mechanical Testing	Knights Engineering Services LLC	Sep-21	Mar-22
87	Tripper Structures	Gamma RT of Strl.Joints I Beams [Job No: 3010]	Mabani Steel LLC	Sep-21	Jul-23
88	Various Projects	Ultrasonic Testing and Magnetic Particle Testing	Ace Group FZC	Sep-21	Jun-23
89	Hydraulic Boom Mobile Crane	Magnetic Particle Testing on Mobile Crane	Al Shafar Contracting Co. LLC	Sep-21	Sep-21
90	DEWA L1 & M Station / Uniper S/D & Various other Projects	Supply of NDT & Metallurgy Personnel during Shutdown at DEWA & Uniper S/D & Various Projects	Bureau Veritas S A. Dubai	Aug-21	Ongoing
91	TA-TFR hub/blades	Digitization of RT Films / Radiographic Testing of Fan Blades & Hub Blocks as per ASTM E505	Maico Gulf LLC	Aug-21	Dec-22
92	Cameron Project	Supply of NDT inspectors	Trinity Hydraulic Projects LLC	Aug-21	Nov-21
93	CN/19/2816	Supply of PCN MT Level 2 & PCN UT Level 2 3.7, 3.8 & 3.9 - Seagreen Project	Lamprell Energy Ltd.	Jul-21	Sep-21
94	PQR No: LSG/PQR/03, WPS No: LSG/WPS/03 Weld Position – 1G, GMAW - Automatic	PQR, WPS & WQT (Material: SS 3CR12) for GMAW-3G as per EN 17636-1 & EN ISO 10675-1 (NDT + MET)	Lucy Middle East FZE	Jul-21	Sep-21
95	Transmission Pipeline DN1600 / 1400 CS from Khuraijah New WDC to Al Ghayl New WDC	High Voltage Holiday Detection & Peel Test of Pipeline Coating Sleeves, Supply of NDT Level II Personnel & Mechanical Testing	Environ Falcon Contracting LLC	Jul-21	Mar-22
96	Various Projects	Supply of ASNT Level II NDT Technician (UTS / MPI/ LPT)	Seacorr Nondestructive Testing Services L.L.C.	Jul-21	Jul-21
97	Santos Moomba Carbon Capture & Storage Project	Supply of PCN Level II Qualified NDT Personnel	Fabtech International Ltd (A Unit of Fabtech Group)	Jun-21	Sep-22
98	RFQ No.213526 RFQ No.213683	Boiler Tube UT Survey of Waste Heat Recovery Boilers in Cement Plant & UT Flaw Detection of Kiln Tier 4	Union Cement Company (Pr. J.S.C)	Jun-21	Mar-23
99	Al Fattan Downtown	Supply of Level II Qualified NDT Personnel, Coating Inspection, Mechanical Testing	Ali Mousa Metal Industries LLC	Jun-21	Jun-21
100	ICON BAY	Ultrasonic Testing of Internal Steel Structure (Creek Harbour) Project	IQRA Safety Consultancy	Jun-21	Jun-21
101	OWG 20274 - Jebel Ali – Abreco Shipping LLC	Positive Material Identification (PMI)	OWG Group FZC	Jun-21	Jun-21
102	ICON BAY	Ultrasonic Testing of Internal Steel Structure (Creek Harbour) Project	Technical Glass & Aluminium Co. LLC	Jun-21	Jun-21
103	HDG"J" Type anchor Bolt Material Grade: ISO 898-1 Grade 8.8 Heat Number: F6010926	Mechanical Testing and NDT (PQR & WQT), Supply of NDT Level II Personnel.	Aarya Engineering FZC	May-21	Apr-22
104	Various Projects	Supply of PCN Level II Qualified NDT Personnel	Fulkrum Technical Resources	May-21	May-21
105	Etihad Water & Electricity	High Voltage Holiday Detection & Peel Test of Pipeline Coating Sleeves	Environ Falcon Contracting LLC	Apr-21	Jun-22
106	Dolna Odra, Poland	Supply of Inspector for vendor location Inspections & PMI XRF in Mumbai. NDT & Mechanical Testing for PQR	Shine star Engineering steel & Welding LLC	Apr-21	Apr-23
107	Seagreen Project	Supply of PCN Level II Qualified NDT Personnel	Technomak Energy International FZC	Apr-21	Sep-21
108	Underground Lines from Jetty to Tristar Terminal - 2" Dia Pipeline of Lenth 112 M approx.	HOLIDAY TESTING	Ghantoot General Mechanical Engg.	Apr-21	Aug-22
109	DUBAI MALL – P10-ZONE B-SKYLIGHT AREA	Ultrasonic Test & Magnetic Particle Testing	Anns Steel Fabrication LLC	Apr-21	Apr-21

LIST OF MAJOR PROJECTS

110	Residence of Mr. Salem Abdullah Al Ghurair Roof Top Structure.	Bolt Tightening Inspection.	Mr. Salem Abdulla Ahmad Majid Al Ghurair (Tilal Investment)	Apr-21	Apr-21
111	Client: MISWASCO Project.	NDT for Audit Purpose & J903 - MUD GAS SEPARATOR	Velath engineering International FZC	Mar-21	Jun-22
112	BASRAH NGL OSBL	Witnessing welding for PQR & WQT at site & visual inspection; Radiographic testing for PQR & WQT coupons; Tensile & bend test; Macro examination stainless steel; & Hardness survey weld metal	Container Solutions Co. LLC	Mar-21	Nov-22
113	PQR, WPS & WQT (Material: 90/10 Cu-Ni (ASTM B466 C70600) for GTAW+SMAW as per ASME BPVC Section IX 2019	RT, WPS & PQR, Welding Qualification & Visual inspection, PWHT	Dubai Electricity & Water Authority	Mar-21	Jun-22
114	38.1mmx2mm Wall thick Welded Tube sample PQR No: JML-WPS-011/ JML-PQR-011 Welding Process: GTAW	Mechanical Testing and NDT (PQR & WQT)	JML Facades	Mar-21	Mar-21
115	Various Projects	Positive Material Identification (PMI) / NDT / Material Testing	Petrogas Piping Middle East FZCO	Feb-21	Dec-22
116	L&T P.O-78000-16193	NDT, Charpy Impact Testing, Chemical Analysis	DBMSC Steel FZCO	Feb-21	Apr-23
117	½" Socket Head Screw P/N : 714573-25-12-00 Rev05 Heat Number: 12113022582 Material :ASTM A320 L7	Mechanical Testing and NDT	Triple Fast Middle East Ltd	Feb-21	Apr-22
118	Mobile Crane	Magnetic Particle Test	Ayub Khan General Transport LLC	Feb-21	Feb-21
119	SFC-WPS/PQR-02	Radiography Test, Hardness Testing, Mechanical Testing & Ferrite	Samamat Flow control LLC	Jan-21	Jul-23
120	HAITJARI 13211KV SUBSTATION SHKBZHSD	NDT (PQR & WQT) NDT for various projects Fabricated Volume Control Damper (Bolt), Weld & Base Metal	Danway Electrical & Mechanical Engineering LLC	Jan-21	Jul-23
121	Welding Training & WQT	NDT & Mechanical Testing	Ruskin Titus Gulf / Johnson Controls	Jan-21	May-21
122	DEVELOPMENT OF SURFACE FACILITIES FOR RDG INFILL WELLS / PJ-05-001560 / KHAZZAN GAS PROJECT – PHASE 3 WELLSITE LONG LEAD PROCUREMENT	PMI on Plates, Pipes, Elbows & Rod	Proserv Middle East FZE	Jan-21	Nov-22
123	Various Projects	Supply of NDT inspectors	Trans Asia Pipeline Services FZC	Dec-20	Jun-21
124	Main Cylinder of 8" Aluminum Extrusion Press	Non Destructive Testing	Trinity Mechanical Services LLC	Dec-20	Dec-20
125	ADNOC A06 – Project No: L9760 – Job No: A0311	Supply of NDT Inspectors	Drydocks World Dubai LLC	Dec-20	Ongoing
126	5/8" Heavy Hex Nut Specimen Material : ASTM SA-194 Gr. 2HM Heat No: F7020168	WPS, PQR, WQT, Testing & Documentation	Classic Metallic Sheets Factory LLC	Dec-20	Mar-23
127	Request No.: RSC/WQT/LT/0001	Non Destructive Testing	Al Reyami International Steel Tech LLC	Dec-20	Dec-20
128	DELMA 2000 – AQUAMASTER	Endoscope test on our Aquamaster	Kongsberg Maritime Middle East DMCCO	Nov-20	Dec-20
129	Oil Gallery Cooling Groove - ZAMIL 56, Mechanical Testing	Boroscopic Inspection of Main Engine	Grandweld (Branch of ATOS International LLC)	Nov-20	Nov-20
130	Various Projects	Welder Qualification Services	Al Abbar Aluminum Br. of Al Abbar Investment Co LLC	May-20	Jul-20

KEY

PERSONNEL



Summary Of Key Personnel CV

S. No.	Name	Designation	Year of Experience
1	D. Santosh	General Manager	17
2	Kush Kumar	Operations Manager	15
3	Mujipur Rahaman	Technical Manager	15
4	Vivek Kumar	Senior Metallurgist	14
5	S. Rajasekar	Manager (NDT- Operations)	22
6	G. Mahalingam	NDT In-Charge	40
7	Seshan Yesuri	ANDT Specialist	9

CV's are attached below.



Curriculum Vitae

D. Santosh

General Manager



CURRICULUM VITAE

Name	:	D. Santosh
Designation	:	General Manager
Email	:	santosh@transasialab.com
Phone	:	+971 50 841 9001
Years of Experience	:	17

Educational Qualification

Sl. No.	College/Institute	Education Level	Academic Field
1.	-	M.Tech.	Mechanical Engineering

Technical Qualification

Sl. No.	Certification Body	Certification Level	Certification Field
1.	API	API 570	In-service Inspection, Rating, Repair and Alteration of piping systems. Certification No.
2.	API	API 510	Pressure Vessel Inspection Code: In-service Inspection, Rating, Repair and Alteration. Certification No.
3.	API	API 653	Tank Inspection, Repair and Alteration and Reconstruction. Certification No.
4.	NACE	Level 2	CIP
5.	ASNT	Level 2	RT, UT, PT and MPT
6.	Saudi Aramco	Inspector	SAP#80003262(QM03, QM06, QM08, QM09, QM12, QM14, QM15, QM34 & QM35)

Industrial Training

Sl. No.	Training Institute	Training Level	Training Field
1.	ETSDC	BOSIET	Basic Offshore Safety Induction Emergency Training.

Professional Summary

An extensive experience of seventeen (17) years plus in the field of Oil & Gas Construction Industry Process Piping, Modules of FPSO and MOPU, Heavy Pressure Vessels, Cross country pipelines, Tank farm piping, above-ground storage tanks, FPSO and MOPU hulls, Heavy structures, waste heat steam generation equipment i.e.: Boilers, Water wall panels, Steam drums, Economizers, Evaporator & Superheater.

Sl. No.	Employer	Designation	Duration
1.	Trans Asia Industrial Laboratories, Dubai	General Manager	Feb 2020 – Present
2.	Peerless Europe CECO, Dubai	Project Manager	Mar 2019 – Jan 2020



3.	Eram International quality & Standardization LLC, Abu Dhabi	Sr. Inspection Engineer	Aug 2014 – Mar 2019
4.	Velosi Certification services LLC, Abu Dhabi	Inspection Engineer	Aug 2012 – Jul 2014
5.	Emirates Industrial Laboratory, Dubai	Inspection Engineer	Aug 2008 - Feb 2012
6.	Bridge & Roof Co (I) ltd, Visakhapatnam	Graduate Trainee Engineer	Mar 2007- Mar 2008

Major Projects Executed

Sl. No.	Project Nature	Project Description Or Achievement	Client / End User	Period
1.	Company Establishment	Laid the foundation of company under Trans Asia Group which has grown to become a leading establishment providing services in lab testing, NDT and inspection services for oil & gas, and steel industries.	Trans Asia Industrial Laboratories, Dubai	Feb 2020 – Present
2.	Sales Gas Filtration System for PP13 fuel gas pipeline	3(PIM+ Regular Inspection+ Final Inspection)	Worley Parsons/SEC (Saudi Electricity)/Saudi Aramco	-
3.	Chilling Package	Level: 4 Vendor: REI	JGC/Japan Inspection/ Saudi Aramco	-
4.	IBN SINA Fuel gas pipeline & Metering Station Project	Inspection Level: 3(PIM+ Regular Inspection+ Final Inspection)	GAS Arabian Services/ Saudi Aramco	-
5.	Jazan Refinery and Terminal Project	Inspection Level: 4(Resident Inspection)	Hanwha/Saudi Aramco	-
6.	Shaybah Combined Cycle Power Generation Project	Inspection Level: 4(Resident Inspection)	SEPCO /Saudi Aramco	-
7.	Jazan refinery and terminal project	Inspection Level: 3(PIM+ Regular Inspection+ Final Inspection)	JGC Corporation /Saudi Aramco	-
8.	JGC Corporation	Inspection Level: 3(PIM+ Regular Inspection+ Final Inspection)	Saipem ITALY /Saudi Aramco	-
9.	Rabigh-II	Inspection Level: 4/Inspection of Steel Structural Works (Resident inspector)	G.S Engineering /Saudi Aramco	-
10	Supply of filters Rabigh-II	Inspection of fabrication of Filter vessels (22 no's) in all stages	Saipem Italy/Saudi Aramco	-
11.	Light Structure- Ladders and Platforms on Equipment's	Fabrication of Steel Structural Works	Saipem /Saudi Aramco	-

Details of Professional Experience



1. Trans Asia Industrial Laboratories, Dubai	General Manager	Feb 2020 – Present
<ul style="list-style-type: none"> Overall in-charge of all technical and administration of testing & inspection services & Responsible for establishing, implementation and maintenance of technical procedures. Assist in business development for the laboratory. Help promote a company culture that encourages top performance and high morale. Identify and address problems and opportunities for the company. Manage the daily operations of the testing facility in all the departments. Manage the planning of activities in the laboratory and ensure compliance with both cost and timing. Investigate innovative technologies that can be applied to increase the capability & productivity of each department. Responsible for the development of competencies of the lab staff. Responsible for testing activities and analysis conducted at the Laboratory. Manage the lab personnel by providing personal development opportunities and motivation through training and the applicable standard procedures of the company. Enforced the company's policy. Ensure periodic monitoring of the performance of staff, approve confidentiality and conflict of interest signed by the staff, and ensure assignment such that conflict of interest threat is minimized. 		
2. Peerless Europe CECO, Dubai	Project Manager	Mar 2019 – Jan 2020
<ul style="list-style-type: none"> Project In-charge for the construction Pressure vessels, Skids, Structure & Chemical injection package etc. 		
3. Eram International quality & Standardization LLC, Abu Dhabi	Sr. Inspection Engineer	Aug 2014 – Mar 2019
<ul style="list-style-type: none"> Inspection of welding & in-process activities for the construction Pressure vessels, Skids, Structure & Chemical injection package etc. Painting Inspection of new construction & In-service activities. Clients Approved: Saudi Aramco, Saipem, ADMA, Takreer, GASCO, Petroleum Development of Oman (PDO), & Qatar Petroleum. 		
4. Velosi Certification services LLC, Abu Dhabi	Inspection Engineer	Aug 2012 – Jul 2014
<ul style="list-style-type: none"> Inspection of welding & in process activities for the construction Pressure vessels, Skids, Structure & Chemical injection package etc. Painting Inspection of new construction & In-service activities. Clients Approved: Saudi Aramco, ADMA OPPCO, ADOC, ENOC, DMJV, Qatar Petroleum, Takreer and Qatar Gas. 		
5. Emirates Industrial Laboratory, Dubai	Inspection Engineer	Aug 2008 - Feb 2012
<ul style="list-style-type: none"> Inspection of welding & in process activities for the construction Pressure vessels, Skids, Structure & Chemical injection package etc. Painting Inspection of new construction & In-service activities. Clients Approved: ADMA, ADOC, ENOC, DMJV, Takreer, GASCO, Petroleum Development of Oman (PDO), & Qatar Petroleum. 		
6. Bridge & Roof Co (I) Ltd, Visakhapatnam	Graduate Trainee Engineer	Mar 2007- Mar 2008



- QA/QC Inspection activities of welding & painting for new construction structural works.
 - Clients Approved: RINL
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Curriculum Vitae

Kush Kumar

Operations Manager



CURRICULUM VITAE

Name	:	Kush Kumar
Designation	:	Operation Manager
Email	:	kush@transasialab.com
Phone	:	+971 50 867 6001
Years of Experience	:	15

Educational Qualification

Sl. No.	College/Institute	Education Level	Academic Field
1.	IIT-Kharagpur	B.Tech. (H) [2006-2010]	Metallurgical and Materials Engineering

Technical Qualification

Sl. No.	Certification Body	Certification Level	Certification Field
1.	API	API 570	In-service Inspection, Rating, Repair and Alteration of piping systems. Certification No. 53974 : Expired
2.	API	API 510	Pressure Vessel Inspection Code: In-service Inspection, Rating, Repair and Alteration. Certification No. 55055 : Expired
3.	API	API 653	Tank Inspection, Repair and Alteration and Reconstruction. Certification No. 55055 : Expired

Industrial Training

Sl. No.	Training Institute	Training Level	Training Field
1.	ETSDC	BOSIET	Basic Offshore Safety Induction Emergency Training. Certificate No. 0058570029041441033 : Expired

Professional Summary

Multi-dimensional professional with 15 years of experience in various sectors like Material Testing, Manufacturing, Trading, Oil & Gas, Iron & Steel. Core competencies in Operations, Technical, Sourcing, Engineering, Procurement, Business Development, Budget Planning, Vendor Management.

Sl. No.	Employer	Designation	Duration
1.	Trans Asia Industrial Laboratories, Dubai	Operations Manager	Oct 2025 – Present
2.	Element – Metallurgical Services Pvt. Ltd., Mumbai	Operations Manager	Jun 2023 – Sep 2025
3.	Emirates Industrial Laboratory, Dubai	Mechanical Lab and Testing Services Manager	Aug 2020 – May 2023
4.	Bright Star Construction Materials LLC, Dubai	Technical Manager/Product	May 2015 – Aug 2020



Innovation Director

5.	Emirates Industrial Laboratory, Abu Dhabi	Technical Supervisor	Aug 2014- May 2015
6.	Emirates Industrial Laboratory, Dubai	Metallurgist	Dec 2012- Aug 2014
7.	Jindal Saw Gulf LLC, Abu Dhabi	Engineer- Quality Assurance	Dec 2011– Oct 2012
8.	Tata Metaliks Kubota Pipes Ltd.	Junior Manager	Jun 2011 – Sep 2011
9.	Tata Metaliks Kubota Pipes Ltd.	Graduate Engineer Trainee	Jun 2010 – Jun 2011

Major Projects Executed

Sl. No.	Project Nature	Project Description Or Achievement	Client / End User	Period
1.	Operational Excellence	Led operations for a metallurgical testing facility with 80+ employees, achieving ~75% NPS promoter growth in one year, driving projected revenue growth of ~25% in 2024 and ~30% in 2025.	Element – Metallurgical Services Pvt. Ltd., Mumbai	Jun 2023 – Sep 2025
2.	Capability Expansion	Boosted corrosion testing capabilities by expanding infrastructure and expertise, which resulted in generating a 10x revenue growth in corrosion testing.	Element – Metallurgical Services Pvt. Ltd., Mumbai	Sep 2024 – Dec 2024
3.	HIC and SSC Project	NOC Ruya Project: Successfully executed and managed 1,200 SSC specimen loadings and tests, along with 900 HIC specimen tests over 4 months span.	Welspun, Ratnamani	Dec 2024 – Apr 2024
4.	Testing Services Growth	Revamped mechanical and metallurgical testing services, resulting in ~30% growth in opportunities, ~15% sales conversion in six weeks, and a 35% reduction in discount/promotional spend.	Emirates Industrial Laboratory, Dubai	
5.	Factory Assessment and Audit	Conducted factory assessments and audits in China and Taiwan, evaluating manufacturing capability, quality systems, process controls, and compliance to support reliable sourcing and production assurance.	Bright Star Construction Materials LLC, Dubai	May 2015 – Aug 2020
6.	Product Sourcing	Managed end-to-end product sourcing and purchasing from	Bright Star Construction Materials	May 2015 – Aug 2020



		China and Taiwan, including supplier selection, negotiation, production monitoring, quality control, inspections, and final acceptance to ensure reliable supply.	LLC, Dubai	
7.	Failure Analysis	Failure Investigation on various components & equipment from the Marine, Oil & Gas refineries and other Engineering Industries to determine the causes and to give remedies.	ADMA-OPCO, Schlumberger, DUBAL, DUSUP, Trelleborg, DryDocks Dubai, Samsung Engineering, Weir Engineering Services and more	Dec 2012- Aug 2014
8.	Replica Metallography	Lead a team to carry out in-situ metallography replicas on piping of various sizes for grain size measurement. A total of 2064 replica were taken on low temperature service carbon steel pipes and fittings.	DAEWOO E&C – Ruwais Refinery Expansion 4 project, Ruwais	Jun-Jul, 2014
9.	Replica Metallography	Remote visual inspection with the aid of borescope to inspect any corrosion/thermal damage or abnormalities incurred in the vessel, equipment and piping. The inspection was carried out on Gas Injection packages in accordance with API 570/510.	Bunduq Company Limited – Abu Dhabi	May 2014
10	Replica Metallography	Taken in-situ metallography replicas on Laffan Refinery equipments, viz heat exchangers, Furnaces/Heater, Reactors tubes and shell. A total of 50 replicas were taken of Caron steel, Alloyed steel and austenitic stainless steel grade.	Qatar Gas and Qatar Gas-Laffan Refinery	Jan 2014
11.	Replica Metallography	Taken in-situ metallography replicas on superheater and radiant tubes of two Babcock type water tube boiler, along with field hardness measurement and Remote Visual inspection with the aid of Borescope as a part of FFS evaluation.	ADMA-OPCO – DAS Island, Abu Dhabi,	Jul - Oct 2013
12.	In-house QC Lab Establishment	Involved in establishment Quality Assurance laboratory with performance testing (type testing), tensile testing,	Jindal Saw Gulf LLC, Abu Dhabi	Dec 2011– Oct 2012



		compositional analysis using Optical Emission Spectroscopy, Micro-structural Analysis, Brinell hardness testing and Sieve Analysis facilities.		
13.	Manufacturing Defect Prevention	Analyzed major non-conformities (leaks and cracks) in products (ductile iron pipes), presented and established countermeasures for prevention that in turn demonstrated 15 % decrease in the non-conformities.	Tata Metaliks Kubota Pipes Ltd.	Jun 2011 – Sep 2011

Details of Professional Experience

1. Trans Asia Industrial Laboratories, Dubai Operations Manager October 2025 – Present

- Drive operational excellence by ensuring team alignment with strategic and business objectives.
- Implement best practices, innovative ideas, and continuous improvement measures to enhance operational and management performance.
- Provide cross-functional support to teams and clients across NDT, technical inspection, corrosion testing, mechanical testing, metallurgical evaluation, and failure analysis services.
- Oversee the delivery of inspection and testing solutions ensuring accuracy, reliability, and compliance with industry standards and customer requirements.
- Collaborate with process owners to streamline workflows, resolve operational challenges, and optimize resource utilization.
- Define, assign, and monitor KPIs, quality metrics, and performance targets to drive accountability and continuous improvement.
- Lead regular meetings to communicate company policies, objectives, and safety, quality, and delivery commitments.
- Ensure strict adherence to quality management systems (ISO/IEC standards) and compliance with all statutory, regulatory, and client-specific requirements.
- Support business development initiatives by formulating strategies to acquire new clients, expand service offerings, and improve revenue and EBITDA performance.
- Manage P&L responsibilities, ensuring cost efficiency and profitability across all service lines.
- Champion Kaizen and Lean initiatives to improve productivity, reduce waste, and enhance operational efficiency.
- Foster a culture of teamwork, empowerment, and professional growth through effective leadership and open communication.
- Ensure NDT, lab testing and inspection services are executed with the highest standards of safety, quality, and integrity, utilizing advanced methods and technologies.
- Drive continuous training and skill development programs for staff in advanced inspection and testing methodologies.

2. Element – Metallurgical Services Pvt. Ltd., Mumbai Operations Manager Jun 2023 – Sep 2025



- Responsible for driving operations to ensure team converge towards achieving strategic goals.
- Implement ideas, suggestions, best practices to enhance operational and management excellence.
- Provide technical expertise, support and advisory to team and clients for the understanding of capabilities and solutions brought forward.
- Partner with all process owners in streamlining activities to overcome and eliminate challenges within operations.
- Assign, review and monitor KPIs and tasks to enhance team performance with respect to external commitments and internal targets.
- Communicate and reiterate policies, objectives and goals through periodic meetings with emphasis on Safety, Quality and Delivery.
- Ensure operations are run in strict compliance to quality systems, local statutory and regulatory guidelines.
- Develop and participate in formulation of strategies towards acquiring new prospects for increasing business revenues, enhancing EBIDTA and managing P&L.
- Identify initiatives and encourage team's participation in Kaizen activities to improve productivity, improve efficiency and take proactive measures.
- Mold team through conducive environment where everyone feels empowered to contribute and do not hesitate to be part of cohesive team work.

3. Emirates Industrial Laboratory, Dubai

Mechanical Lab and Testing Services Manager

Aug 2020 – May 2023

- Manage and develop a team of direct reports while creating a knowledge sharing culture.
- Oversee and support daily activities with planning and execution of laboratory tests including lab samples, material inspection and report releases.
- Overseeing laboratory metallurgical analysis and testing.
- Provide expertise through specialized knowledge and experience in failure investigation, metallographic and fractographic interpretation, corrosion, fracture mechanics, heat treatment and microstructural development.
- Ensure ISO 17025 is implemented and maintained during continued laboratory operation.
- Ensure that procedures are in place to support company objectives and assure first-class customer response and departmental efficiency.
- Manage and monitor, resources, and personnel to ensure efficient and safe operations of laboratories.
- Ensure adherence to testing standards, operating procedure, regulatory requirements.
- Ensure the lab establishes and maintains a calibration program for testing equipment.
- Provide input for new products introduction, coordinate testing of new products internally and externally, and participate in launch activities.
- Continuous focus on how to develop the business to meet customer requirements and expectations.
- Actively support customer service efforts by providing internal and external customer support.

4. Bright Star Construction Materials LLC, Dubai

Technical Manager/Product Innovation Director

May 2015 – Aug 2020

- Provide training, direction and technical expertise related to product design, manufacturing and its application.
- Identify resources and equipment requirements essential to delivery of quality products.



- Identify, develop, and sourcing of new products, that are both technically and commercially viable.
- Liaison with all other departments in responding to requirements/ inquiries related to technical, quality and sourcing matters.
- Work closely with Deputy Managing Director to assess business strategy and establish business goals.

5. Emirates Industrial Laboratory, Abu Dhabi	Technical Supervisor	Aug 2014- May 2015
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- Technical supervision of staff and management of work activities related to Metallurgy, NDT and Chemistry Department.
- Project co-ordination and management of NDT services for ADMA OPCO.

6. Emirates Industrial Laboratory, Dubai	Metallurgist	Dec 2012- Aug 2014
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- Perform metallurgical failure analysis/investigation of components failed in-service from various industries.
- Conduct metallurgical/corrosion tests/ replica metallography on the samples for the conformance/qualification against ASTM/NACE/ASME/other applicable standards.
- Visit plant sites/operational locations to gather information/data related to condition assessment.
- Maintaining quality systems as per company policy.

7. Jindal Saw Gulf LLC, Abu Dhabi	Engineer- Quality Assurance	Dec 2011– Oct 2012
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- Established Quality Assurance laboratory with performance testing (type testing), tensile testing, compositional analysis using Optical Emission Spectroscopy, Micro-structural Analysis, Brinell hardness testing and Sieve Analysis facilities.
- Successful erection and commissioning of centrifugal casting machine in the plant, contributed as a member.
- Prepared QMS (ISO 9001) and Occupational Environment Health and Safety management plan.
- Assisted in the delivery of the internal audit program.
- Developed and implemented Quality Plans and Inspection and Test Plans necessary to assure the quality of product and service delivery.
- Assisted in the development of Procedures and Work Instructions required by the organization to ensure control of processes.
- Analyzed and stabilized elemental compositions, temperature and other heating conditions of melt/Mg-converter for efficient Mg-recovery, smooth casting and consequent heat treatment process.

8. Tata Metaliks Kubota Pipes Ltd.	Junior Manager	Jun 2011 – Sep 2011
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- Analyzed major non-conformities (leaks and cracks) in products (ductile iron pipes), presented and established countermeasures for prevention that in turn demonstrated 15 % decrease in the non-conformities.
- Led Kaizen initiatives in the casting area for control of major non-conformities in the products.

9. Tata Metaliks Kubota Pipes Ltd.	Graduate Engineer Trainee	Jun 2010 – Jun 2011
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- Involved in development of standard operating procedures for field staff and laboratory personnel and prepared Laboratory quality manual.
- Employed statistical analysis of quality assurance data deploying spreadsheets. Developed MatLab Program for obtaining real time analysis and observable trends of production vis-à-vis non-conformities of pipes.

10. Faculty of Nuclear Science and Physical	Summer Internship-Research	May 2009 –Jul 2009
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**Engineering, Czech Technical University,
Prague, Czech Republic** **Assistant**

- To study the effect of inhomogeneous plastic deformation and inhomogeneous thermal fields on real structure of surface layers of metals, investigation by X-ray methods.
- Developed MatLab program to verify and compare and contrast the results obtained from pre-installed software.
- Residual stress measurement using X-ray diffraction techniques. Conducted experiments on steel samples collected from heavy machinery and automotive industries.

**11. IIT Kharagpur, Metallurgical and Materials
Engineering**

Academic Project

Jul 2009 –May 2010

- Structure Property Relations of Cu-Cr-Zr alloy, a plasma facing diverter plates.
- Commenced project of metallurgical investigation on Cu-Cr-Zr samples.
- Conducted experiments where samples were subjected to varied number of thermal fatigue cycles with different aging conditions.
- 7% increase in hardness was observed at higher number of thermal cycles given to the samples.



Curriculum Vitae

Mujipur Rahaman

Technical Manager



CURRICULUM VITAE

Name	: Mujipur Rahaman
Designation	: Technical Manager
Email	: rahaman@transasialab.com
Phone	: +971 58 578 6763
Years of Experience	: 15

Educational Qualification

Sl. No.	College/Institute	Education Level	Academic Field
1.	Government College of Engineering, Salem. Anna University, Chennai	Master of Engineering [2014-2016]	Welding Technology
2.	Government College of Engineering, Salem. Anna University, Chennai	Bachelor of Engineering [2006-209]	Metallurgical Engineering

Technical Qualification

Sl. No.	Certification Body	Certification Level	Certification Field
1.	ASNT	NDT Level II	PT, MT, UT, & RT (as per SNT-TC-1A)
2.	MSME	Lean Six Sigma Green Belt	Process Improvement Methodologies
3.	Local Certification Body	ISO 9001:2015 ISO 45001:2018 ISO 14001:2015 IATF 16949:2016	Internal Auditor Certification

Industrial Training

Sl. No.	Training Institute	Training Level	Training Field
1.	ETSDC	BOSIET	Basic Offshore Safety Induction Emergency Training.
2.	Talent Training Institute	H ₂ S Awareness & Escape Training Level II	Essential knowledge and skills for safe H ₂ S exposure environments.

Professional Summary

Technical Manager with over 15 years of experience in strong leadership skills in Laboratory Management. Expertise in Metallurgical Failure Investigations, In-situ Replica Metallographic Examinations, Welding Technology, Corrosion Testing and Inspection.

Sl. No.	Employer	Designation	Duration
1.	Trans Asia Industrial Laboratories LLC, Dubai, UAE	Technical Manager	Aug 2022 – Present
2.	NDT Corrosion Control Services, Abu Dhabi, UAE	Laboratory Manager	Dec 2020 – Aug 2022



3.	Greaves Cotton Limited-Diesel Engine Manufacturing Unit, Pune, India	Manager - Quality Assurance	Sep 2017 – Nov 2020
4.	Wheels India Limited (TVS Group) Automotive Components Division, Chennai, India	Deputy Manager - New Product Development	Dec 2016 – Sep 2017
5.	Qatar Steel Company (QASCO) Mesaieed, Qatar	Senior Technician - Steel Melt Shop	Mar 2013 – Feb 2014
6.	Arcelor Mittal & Nippon Steel Ltd (formerly known as, Essar Steel India Ltd), Surat, India	Deputy Manager - Steel Melt Shop.	Mar 2010 – Feb 2013
7.	Indian Seamless Metal Tubes Ltd (ISMT Ltd) Pune, India	Graduate Engineer - Heat Treatment Dept.	Aug 2009 – Mar 2010

Major Projects Executed

Sl. No.	Project Nature	Project Description Or Achievement	Client / End User	Period
1.	Failure Analysis	Investigation of Metallurgical Failures in oil & gas refineries, marine, industrial, and commercial equipment. Conducting investigations & preparing analysis reports with photographic documentation, technical findings, discussion, conclusion, and material recommendations.	<ul style="list-style-type: none"> • ADNOC OFFSHORE • ADNOC Gas Processing • Dubai Petroleum Establishment • ADNOC Refining • NPCC • Dry-docks, Dubai 	May 2015 – Aug 2020
2.	Failure Analysis	Investigation of Metallurgical Failures in oil & gas refineries, marine, industrial, and commercial equipment. Conducting investigations & preparing analysis reports with photographic documentation, technical findings, discussion, conclusion, and material recommendations.	<ul style="list-style-type: none"> • Dry-docks, Dubai • Dubai Petroleum • Sohar Refinery, OQ-Oman • Bureau Veritas, Abu Dhabi 	Aug 2022 – Dec 2025
3.	Replica Metallography	In-situ Replica Metallography was carried out on boilers, reactors, furnaces, and other equipment that is used in marine, oil, and gas refining facilities. The equipment is also assessed and reported on its actual metallurgical condition, in addition to its microstructural degradation due to thermal damage.	<u>United Arab Emirates</u> <ul style="list-style-type: none"> • Taweelah-A2 • Fujairah-F2 • Habshan #5 • Mirfa • Ruwais Refinery- RRE & RRW • Bab & Habshan 	Dec 2020 – Aug 2022



4.	Replica Metallography	In-situ Replica Metallography was carried out on boilers, reactors, furnaces, and other equipment that is used in marine, oil, and gas refining facilities. The equipment is also assessed and reported on its actual metallurgical condition, in addition to its microstructural degradation due to thermal damage.	<u>Oman</u> • Sohar Refinery-OQ Refineries and Petroleum Industries	Nov 2024
5.	Replica Metallography	In-situ Replica Metallography was carried out on boilers, reactors, furnaces, and other equipment that is used in marine, oil, and gas refining facilities. The equipment is also assessed and reported on its actual metallurgical condition, in addition to its microstructural degradation due to thermal damage.	<u>Algeria</u> • Sorfert Algerie SPA	Oct 2024
6.	Replica Metallography	In-situ Replica Metallography was carried out on boilers, reactors, furnaces, and other equipment that is used in marine, oil, and gas refining facilities. The equipment is also assessed and reported on its actual metallurgical condition, in addition to its microstructural degradation due to thermal damage.	<u>Egypt</u> • Egyptian Methanex Methanol Co. S.A.E. • Abu Qir Fertilizers and Chemicals Industries Company	May 2025
7.	HIC and SSC Project	Successfully executed HIC and SSC corrosion testing and evaluation for major client project materials used in Refining Industries.	• ADNOC OFFSHORE • ADNOC Gas Processing • ADNOC Refining	Dec 2020 – Aug 2022
8.	HIC and SSC Project	Successfully executed HIC and SSC corrosion testing and evaluation for major client project materials like, KOC, NEOM, etc.,	• HEISCO • Dillinger Middle East • Gerab National	Aug 2022 – Dec 2025



Details of Professional Experience

1. Trans Asia Industrial Laboratories, Dubai, UAE

Technical Manager

Aug 2022 – Present

- Lead end-to-end day-to-day laboratory operations covering testing, analysis, and inspection activities.
- Supervise and manage mechanical, chemical, and corrosion testing programs to ensure technical accuracy and timely delivery.
- Lead and execute metallurgical failure investigations of metallic components, including root cause analysis and corrective recommendations.
- Plan, conduct, and evaluate on-site replica metallography examinations, including interpretation and formal reporting.
- Control, maintain, and continuously improve quality documentation in compliance with ISO/IEC 17025 requirements.
- Provide cross-functional technical support across NDT, inspection, corrosion testing, mechanical testing, metallurgical evaluation, and failure analysis services for internal teams and clients.

2. NDT Corrosion Control Services, Abu Dhabi, UAE

Laboratory Manager

Dec 2020 – Aug 2022

- Plan and execute laboratory tests in response to mechanical, chemical, and metallurgical analyses.
- Expertise in root cause analysis, failure investigation and generating technical reports.
Major Clients are, Dubai Petroleum, ADNOC Offshore, ADNOC Gas Processing, ADNOC Refining and NPCC.
- Execute field inspections, especially Replica Metallography, to assess and report on microstructural degradation and actual metallurgical conditions. Onsite: Taweelah, Fujairah, Mirfa, Ruwais, Bab & Habshan.
- Metallurgical evaluation of macro and microstructure, ferrite count, carbide volume fraction, grain size, inclusion rating and chemical composition analysis (OES) on various ferrous and non-ferrous alloys.
- Knowledge of various corrosion testing techniques to qualify raw materials and weldments.
- Evaluate Welder Qualification Tests to qualify Welding Procedures, Welders, and Welding consumables.
- Maintaining company quality records and ensuring quality systems in accordance with company policy.
- Training personnel in the use and implementation of lab test procedures.

3. Greaves Cotton Limited-Diesel Engine Manufacturing Unit, Pune, India

Manager - Quality Assurance

Sep 2017 – Nov 2020

- Manage Product & Process Improvement at In-House Manufacturing, Supplier Quality, and Customer Quality.
- Setting standards, specifications, and procedures within the organization and with suppliers.
- Conducting special process audits to improve supplier components and defining quality requirements.
Casting: Shell & Sand mould casting of Cast Iron; PDC, LPDC & HPDC of Aluminium castings.
Forging: Hammer & Press Forgings of Crankshaft, Camshaft & Connecting Rod.
Heat Treatment: Normalizing, Hardening & Tempering, Case Hardening and T6-cycle of Al Castings.
Plating: Zn & Cr Plating of Fasteners, H2 De-embrittlement(Coating thickness & its salt spray life).
- Investigate field failure components according to their metallurgical nature and take corrective action.



- Determining training needs of Quality Team. (Warranty Analysis and Cost Reduction Training)
- Supervising technical and laboratory activities complies with Risk and Hazard Identification Aspect.
- Providing technical support and metallurgical expertise to the R&D team for the BS-VI Engine Development.
- Coordination with the Engine Testing Team for Type approval and COP activities in accordance with ARAI Emission Norms.

4. Wheels India Limited (TVS Group)	Deputy Manager - New Product Development	Dec 2016 – Sep 2017
Automotive Components Division, Chennai, India		

- Project Lead for Axle Shaft supply to M/s. Caterpillar - Transmission division.
- Responsible for productivity improvement projects. In-house process development & improvement.
- Expert on Special Processes like, Spline Rolling, Friction Welding, Skiving and Roller Burnishing.
- Manage Metallurgical operations (Heat Treatment, Robotic & Manual GMAW and GTAW) & Lab.
- Conduct the Process Audit, Product Audit & Internal Audit at regular intervals.
- Investigate customer complaints related to metallurgical nature and initiate corrective actions.
- Assess supplier's facilities and capabilities; update database of supplier based on performance observed.

5. Qatar Steel Company (QASCO) Mesaieed, Qatar	Senior Technician - Primary Steel Making Department in Steel Melt Shop	Mar 2013 – Feb 2014
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- Manage process technologies - Primary/Secondary steel melting, Continuous and Ingot Casting & Rolling.
- Monitor & stabilization of internal production process and quality control system.
- Govern quality assurance activities and ensure quality requirements of different customers.
- Maintain & Improve Quality Control Procedures, Inspection processes, and Quality Audits.
- Set-up and Implementation of Standard Operating Procedure for Production & Quality Inspection.
- Focus on value addition, cost effectiveness in the processes, raw material, energy efficiency etc.
- Implementing Process Safety Management and Maintaining 5'S in the shop floor.

6. Arcelor Mittal & Nippon Steel Ltd (formerly known as, Essar Steel India Ltd), Surat, India	Deputy Manager - CONARC Furnace- Steel Melt Shop.	Mar 2010 – Feb 2013
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- Production In-charge for CONARC Furnace (Primary Steel Making) which is supplied by SMS-SIEMAG, Germany. "200ton capacity AC Twin Shell furnace"(Converter and Arc furnace process of steel making).
- Combined Operations of Blowing & Arcing. Processing of Hot metal, Gas based Cold-DRI, HBI & Scrap.
- Handle the melting operations as per production plan to ensure 100% plant availability and zero equipment breakdown with concern for safety resource utilization and manpower management.
- Coordination with departments like Blast Furnace, COREX, Ladle Furnace, Ladle Management, Utilities, and MRSS for Safe operations and make the furnace timely available for production.
- Authorized to issue Work Permits during Shutdown activities to Refractory and Maintenance teams.
- Economize the process by maintaining parameters like yield, energy consumption, slag composition, tapping chemistry & temperature, electrode consumption etc. within business targets.



7. Indian Seamless Metal Tubes Ltd (ISMT Ltd)
Pune, India

Graduate Engineer (Metallurgy) -
Heat Treatment Department at
Seamless Tube Plant

Aug 2009 – Mar 2010

- Production and Process control of Oil-fired Quenching and Tempering Furnace, Induction Hardening Furnace, Roller Hearth Furnace, and Upsetting Press.
- Design of Heat treatment cycles for Carbon and Alloy Steels of Seamless Tubes.
- Heat Treatment of Carbon & Alloy Steels of Seamless Tubes by Q&T Furnace, for OCTG application.
- Induction Hardening of Special Grade Steel Tubes, for Air Bag Tubes and Perforating Gun application.
- External and Internal Upsetting of Seamless Tubes by Upsetting Press, for Deep Drill application.
- Knowledge of long products: - carbon, micro-alloyed & low alloy steels, stainless steels, tool and die steels.



Curriculum Vitae

Vivek Kumar Manimaran

Senior Metallurgist | Failure Analyst



CURRICULUM VITAE

Name	:	Vivek Kumar Manimaran
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Email	:	vivek@transasialab.com
Phone	:	+971 56 381 9049
Years of Experience	:	14+

Educational Qualification

Sl. No.	College/Institute	Education Level	Academic Field
1.	PSG College of Technology, Coimbatore	Bachelor of Engineering (BE) [2007-2011]	Metallurgical Engineering

Professional Summary

Senior Metallurgist and Failure Analyst with 14+ years of experience in metallurgical testing, failure investigation, and materials engineering across oil & gas, marine, power, and heavy engineering sectors. Highly skilled in failure analysis, metallography, mechanical and corrosion testing, and in-situ replica metallography in accordance with ASTM, ASME, API, BS EN ISO, and NACE standards. Strong expertise in ISO/IEC 17025, ISO 9001, and ISO/IEC 17020 quality systems, including laboratory supervision and technical reporting. Recognized for delivering clear, evidence-based root cause evaluations for critical engineering failures.

Sl. No.	Employer	Designation	Duration
1.	Trans Asia Industrial Laboratories, Dubai	Senior Metallurgist & Failure Analyst	Jun 2023 – Present
2.	Emirates Industrial Laboratory, Dubai	Assistant Manager	Apr 2023 – Jun 2023
3.	Emirates Industrial Laboratory, Dubai	Senior Metallurgist & Failure Analyst	Sep 2018 – Apr 2023
4.	Shardlow India Limited, Chennai	Senior Metallurgist	Jun 2016 – Aug 2018
5.	Shardlow India Limited, Chennai	Metallurgist	Jun 2012 – May 2016
6.	Shardlow India Limited, Chennai	Graduate Engineer Trainee	Jun 2011 – May 2012

Major Projects Executed

Sl. No.	Project Nature	Project Description Or Achievement	Client / End User	Period
1.	Failure Analysis	Metallurgical failure investigations and root cause analysis of engineering components and systems used in oil & gas, refinery, marine, power, and heavy engineering industries, including detailed technical evaluation and reporting.	Oil & Gas Operators (e.g., ADNOC Group), Refinery & Petrochemical Operators, Marine & Offshore Operators	Sep 2018 - Present



2.	Replica Metallography	Onsite replica metallography of operating plant components for assessment of service-induced degradation, microstructural condition, and remaining life evaluation in power and process industries.	Power & Utility Operators (e.g., DEWA), Oil & Gas Operators	Sep 2018 - Present
3.	Laboratory Testing	Mechanical and metallurgical testing of engineering materials and fabricated components for pipelines, pressure equipment, structural applications, and welding qualifications in accordance with applicable international standards.	Oil & Gas EPC Contractors, Pipeline Operators, Marine & Heavy Engineering Operator	Sep 2018 - Present
4.	Process Improvement	Implementation of material and process optimization initiatives leading to elimination of post-processing heat treatment and improved manufacturing efficiency.	Automotive OEMs & Tier-1 Suppliers	Jun 2013 – May 2014
5.	Academic Research	Development of advanced engineering materials with enhanced wear resistance and toughness through controlled alloying and heat treatment processes.	Academic & Research Institutions	Jun 2010 – Apr 2011

Details of Professional Experience

1. Trans Asia Industrial Laboratories, Dubai Senior Metallurgist & Failure Analyst Jun 2023 – Present

- Lead complex metallurgical failure investigations for assets operating in oil & gas, refinery, power, marine, and heavy engineering industries, providing technically sound conclusions and recommendations.
- Perform advanced metallurgical examinations including optical microscopy, fractography, microstructural assessment, and evaluation of service-related degradation mechanisms.
- Plan, supervise, and review mechanical, corrosion, and welding qualification testing, ensuring compliance with applicable international codes and client specifications.
- Execute and interpret in-situ replica metallography on critical operating equipment to support condition assessment and remaining life evaluations.
- Author and review high-quality technical reports for clients and end users, ensuring clarity, traceability of evidence, and defensible conclusions.
- Act as a technical interface with clients, end users, and third-party inspectors during inspections, testing, and failure investigations.
- Support laboratory accreditation and quality systems under ISO/IEC 17025, ISO 9001, and ISO/IEC 17020, including internal audits, method validation, uncertainty evaluation, and staff competency development.



<p>2. Emirates Industrial Laboratory, Dubai</p>	<p>Assistant Manager & Senior Metallurgist & Failure Analyst</p>	<p>Sep 2018 – Jun 2023</p>
<ul style="list-style-type: none"> Executed metallurgical testing and failure investigations under supervision and later independently, supporting projects across energy, infrastructure, and marine sectors. Conducted routine and special testing activities including metallography, mechanical testing, corrosion testing, and replica metallography. Managed day-to-day laboratory operations, test scheduling, and coordination with clients and inspection agencies. Reviewed test data and prepared draft technical reports for internal and client review. Provided training and technical guidance to junior metallurgists and testing engineers. Contributed to ISO/IEC 17025 and ISO 9001 audit preparation, scope expansion activities, and continual improvement initiatives. 		
<p>3. Shardlow India Limited, Chennai</p>	<p>Senior Metallurgist</p>	<p>Jun 2011 – Aug 2018</p>
<ul style="list-style-type: none"> Performed metallurgical and mechanical testing of materials used in automotive and industrial manufacturing. Controlled and optimized heat treatment operations including annealing, normalizing, hardening, tempering, and stress relieving. Investigated manufacturing defects, customer complaints, and field failures, identifying root causes and corrective actions. Evaluated raw materials and finished products against customer specifications and internal quality requirements. Maintained calibration and verification programs for testing equipment in line with quality system requirements. Participated in process improvement and material optimization initiatives, supporting cost reduction and quality enhancement. 		
<p>4. Shardlow India Limited, Chennai</p>	<p>Industrial Project</p>	<p>Jun 2013 – May 2014</p>
<ul style="list-style-type: none"> Proposed and implemented replacement of low alloy steel with micro-alloy steel for crankshaft manufacturing, eliminating post-forging heat treatment. Led cross-functional implementation after management approval, achieving process and cost optimization. Enabled successful supply of micro-alloy steel crankshafts to OEMs including Tata Motors Ltd. and Simpson & Co. Ltd. 		
<p>5. PSG College of Technology, Coimbatore</p>	<p>Academic Research Project</p>	<p>Jun 2010 – Apr 2011</p>
<ul style="list-style-type: none"> Developed a novel engineering material: Carbide Austempered Ductile Iron (CADI) with enhanced wear resistance and retained toughness. Engineered CADI by introducing controlled carbides into ductile cast iron followed by Austempering heat treatment. Achieved an ausferritic matrix with tailored carbide distribution to improve wear performance without compromising toughness. Demonstrated CADI as a potential alternative material for high-wear engineering applications. 		



Curriculum Vitae

S. Rajasekar

Manager (NDT- Operations)



CURRICULUM VITAE

Name	:	S. Rajasekar
Designation	:	Manager (NDT- Operations)
Email	:	rajasekar@transasialab.com
Phone	:	+971 58 578 6959
Years of Experience	:	22

Educational Qualification

Sl. No.	College/Institute	Education Level	Academic Field
1.	Birla Institute of Technology and Science, Pilani- Dubai	B.Tech.	Engineering Technology
2.	Central Polytechnic College	Diploma	Mechanical Engineering

Technical Qualification

Sl. No.	Certification Body	Certification Level	Certification Field
1.	ASNT	Level III	RT, MT & PT Certificate No. 244513
2.	NACE	Level 2	Coating Inspection Certificate No. 28504
3.	CSWIP	CSWIP 3.1	Welding Inspection Certificate No. 38540/2 (Expired)
4.	AIMRI	Internal Auditor	Integrated Management System (ISO 9001:2008, ISO 14001:2004 & OHSAS 18001:2007)

Industrial Training

Sl. No.	Training Institute	Training Level	Training Field
1.	BARC	Industrial Radiographer's Certificate	Industrial Radiography

Professional Summary

Level III in NDE methods and encompassing procedure development, welding and quality control, third-party and shutdown inspections, pressure vessels, tanks, pipelines, structural and corrosion surveys, testing oversight, documentation, training, expediting, field inspections, and systemized inspection reporting and supervision.

Sl. No.	Employer	Designation	Duration
1.	Trans Asia Industrial Laboratories, Dubai	Manager (NDT- Operations)	Dec 2022 – Present
2.	Aqualis Inspection Services, Dubai	Technical Manager	Dec 2021 – Nov 2022
3.	Al Masood Oil & Gas, Abu Dhabi	Coating Inspector	Sep 2021 – Nov 2021
4.	PWHT Solutions, India	Inspection Engineer	Aug 2020 – Aug 2021



5.	Southwest Certification Services, Dubai	Level III and Inspection Engineer	Aug 2015 - Aug 2020
6.	Aries Marine & Engineering Services, Sharjah	QC Manager, Welding Inspector	Dec 2007- Aug 2015
7.	Specialized Oil & Gas Company, Saudi Arabia	NDT Inspector	Jul 2006 – Jul 2007
8.	Scaanray Metallurgical Services, India.	NDT Inspector	Apr 2003 – May 2006

Major Projects Executed

Sl. No.	Project Nature	Project Description Or Achievement	Client / End User	Period
1.	Third party Inspection	STC Cooling skid, Schneider Electric	Schneider Electric	2022
2.	NDT Project Execution	Royal Atlantis, Palm Jumeirah	Royal Atlantis	2019
3.	NDT Project Execution	Bee'ah Head Quarters	Bee'ah	2019
4.	NDT Project Execution	German steel - Various projects	Various projects	2017-2019
5.	NDT Project Execution	Kelly Steel - Various projects	Various projects	2016-2019
6.	NDT Project Management	Motion Gate, Landmark, Ferrari World, Dubai Parks Rides NDT	Theme Parks	2018-2020
7.	Coating Inspection	ADNOC Gas Processing, Abu Dhabi (Shut Down)	Adnoc	2021
8.	Third party Inspection	KOC Gathering Center (L&T)	Kuwait Oil Company (KOC)	2019
9.	Inspection project Execution	Huawei -Etisalat Data Center, Al Ain	Etisalat	2019
10	QC Inspections	Gulf Piping Company (Various projects), UAE	SBM	2010
11.	NDT	Independent water and steam power plant, Rabigh KSA	Petro-Rabigh	2007
12.	NDT	Khurais oilfield development program, KSA	Saudi Aramco	2007
13.	NDT	Euro Technology, KSA	Saudi Aramco	2006
14.	QC Inspections	Mopu Stor, Adyard, UAE	Talisman Energy	2009
15.	QC Inspections	FGTP Skid, Descon UAE	Technip Energy	2010
16.	Coating Inspection	Makasib Jack up rig, National Drilling Company, UAE	NDC	2011-2013
17.	Coating Inspection	Muhaiyimat Jack up Rig, National Drilling Company, UAE Qarnin Jack up rig, National Drilling Company, UAE	NDC	2011-2013
18.	Coating Inspection	Steel construction project	Gulf Drilling International	



19.	Qc Inspections /Documentation	Lone Star semi-submersible drilling rig, UAE	SBM	2008
20.	Third party Inspection	ADNOC Petrol stations	ADNOC Distribution	2012-2018
21.	NDT	Arya Petroleum, UAE	Arya Petroleum	2008
22.	Qc Inspections	J Ray McDermott (Shaw cor site)	J Ray McDermott	2009
23.	NDT	Bellary power plant (shut down)	Bellary power plant	2003
24.	NDT	TPL (Shutdown 3 years)	TPL	2003-2006
25.	NDT	Dewa, Dubai UAE (Shut down)	DEWA	2009
26.	NDT	Tuticorin power plant shut down	Tuticorin power plant	2004
27.	NDT	GPS Chem Oil, UAE	GPS CHEMOIL LLC FZC	2010
28.	NDT	Vopak Horizon, Fujairah	Vopak Horizon	2010
29.	NDT	Doosan (Jebel Ali power plant extension), UAE	DEWA	2009
30.	NDT	AMTC, UAE (Dubai aluminum-plant Inspection)	Dubal	2010
31.	Coating Inspection	GASCO, Abu Dhabi (Shut Down)	Gasco	2015
32.	Third party Inspection	NAKKILAT Project, (Archirodon) UAE	Qatar Petroleum	2012
33	NDT	L&T, ISRO, AEE, Karman, ETC, India	Various	2003-2006

Details of Professional Experience

1. Trans Asia Industrial Laboratories, Dubai **Manager (NDT Operations)** **Dec 2022 – Present**

- Responsible for providing expert guidance for the inspection, Testing activities, and Analysis conducted at the Laboratory.
- Administration of the NDT Department & Technical assistance to Inspectors & Technicians for specific kinds of jobs.
- Technical review and implementation of NDT procedures, client-specific procedures, and addition of new procedures for company values.
- Manage the planning of activities in the laboratory and ensure compliance with both cost and timing.
- Explore new technologies that can be applied to increase the capability & productivity of each department.
- Responsible for the development of competencies of the inspection and lab staff.
- Manage the lab personnel by providing personal development opportunities and motivation through training and the application of the standard procedures of the company.
- Ensure periodic monitoring of the performance of staff, approve confidentiality and conflict of interest signed by the staff, and ensure assignment such that conflict of interest threat is minimized.
- Can conduct any NDT job at the site, if required to resolve any issues with clear results and reasons to explain.
- As a Technical Authority for Welding/NDT reviewed, suggested, and approved various Welding & NDT procedures related to Projects and Modification works.
- Training, certifying, and qualifying NDT inspectors to ASNT Level I & II to various methods such as RT, MT, PT,



and Ultrasonic thickness gauging on different kinds of marine vessels as per various classification requirements. Training radiographers and other radiation workers in the field of “Radiation Safety” to various national and international standards.

- Qualifying welders and welding operators in various processes such as SMAW, GTAW, GMAW, SAW, etc. as per relevant codes & specifications.

2. Aqualis Inspection Services, Dubai	Technical Manager	Dec 2021 – Nov 2022
<ul style="list-style-type: none"> • I have functioned as Technical Manager, NDT Level III, and in the development of Sales and Marketing. • Responsible for review of daily inspection reports prepared by the inspection teams. • Inspection of various items of onshore and offshore assets such as piping, pressure vessels, platform structures, risers, well conductors, swing ropes, etc. are part of our team’s responsibility; planning, manpower estimation, selection, and type of NDT to be applied on them are also my responsibility. Whenever required, suggestions of advanced inspection and NDT technologies, assisting in failure analysis of repeated failed items, and suggestions for improvements on avoiding such failures are also part of my work. • I have been actively involved in Inspection Planning, Preparation of Inspection procedures, Integrity issues of pressure vessels, piping, and Manpower Estimation for various inspection/integrity activities. • Responsible for Welding, reviewed, suggested, and approved various Welding & NDT procedures related to Projects and Modification works. • Responsible for coordination between our office and offshore inspection team on mobilization, inspection planning, execution of inspection work, etc. 		
3. Al Masood Oil & Gas, Abu Dhabi	Coating Inspector	Sep 2021 – Nov 2021
<ul style="list-style-type: none"> • Maintaining a Daily Climatic condition logbook, inspecting the repairs on the coating following the approved coating repair procedure. • Monitoring the performance of Painters, Checking Profile completion of Blasting and D.F.T for Primer, Intermediate and Finish coat painting. • Inspecting the stenciling activities, color coding, and band coding is properly done as per client requirements. • Carry out the adhesion test, Holiday Test Carry out Coating/Painting Inspection, and preparation of reports. • Meeting with Clients/contractors on Quality issues & Daily work Progress. • Study and familiarize myself with project specifications for materials, fabrication, installation, and all testing requirements. • Ensure that the working environment is Safe and feedback on any comments to the Safety officer. • Inspection of Pipeline welding and field joint Coating inspection and witnessing of Holiday inspection for Underground pipe laying activities. 		
4. PWHT Solutions, India	Inspection Engineer	Aug 2020 – Aug 2021
<ul style="list-style-type: none"> • Established and supervised the Heat Treatment Process involving various kinds of equipment like oil-fired furnaces, gas-fired furnaces, ceramic mat heating transformers, etc. • Worked at different job sites such as Fertilizers, Refineries, Steel Plants, Paper Mills, Thermal Power Stations, Shipyards, Offshore platform construction yards, oil installation offshore, derrick barges, pipe-lay barges, etc. • Conducted tests and inspections on pressure vessels, storage tanks, spheres, expansion bellows, pipelines, boilers, heavy steel structures, etc. Have done pre-heating of welds and post-weld heat treatment. 		
5. Southwest Certification Services, Dubai	Level III and Inspection Engineer	Aug 2015 - Aug 2020
<ul style="list-style-type: none"> • As a Third-party inspection service provider strict with its quality, as it has implemented international Standards (ISO/IEC 17020 and ISO/IEC 17021) to control and maintain its quality. SWC's output reflects impartial comment of actuality reporting and confirms verification and inspection services to one or more internationally • published and recognized codes, Standards, Design specifications, and specific technical project requirements. • SWC, with its personnel having extensive experience in different types of inspection and testing, involves third- 		



party inspection and testing services of cranes, earth moving equipment, heavy plant, special purpose lifting gears and equipment, and marine equipment.

- Monitoring and assisting a team of proficient inspectors who are holders of CDC/ Seamen Book, Offshore Safety Certificate, and BOSIET to serve offshore and marine clients.
- Services in NDT: Ultrasonic testing (UT), Magnetic particle Inspection (MPI), Dye penetrant Inspection (DPI) Optical and Visual Inspection (VI) Vacuum Box testing, Leak testing (LT), Positive material identification (PMI) Ferrite testing (FT), Eddy current testing (ET), Hardness testing, Low/High voltage holiday testing Thermography Noise analysis.

6. Aries Marine & Engineering Services, Sharjah	QC Manager, Welding Inspector	Dec 2007- Aug 2015
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- Started as NDT Technician and elevated as welding and coating inspector within 2 years of service.
- Promoted as QC Division Manager and Increased the bench strength from 5 inspectors to 43 inspectors including Welding, Coating, API, and Third-party inspectors.
- Involved in a large volume of projects in marine industries, Jack-up Rig fabrication, coating applications, client handovers, material inspections, project representative jobs, onsite inspections, tank inspections, pressure vessel inspections, piping inspections, and structural inspections.
- Facilitated the start of the Corrosion Control Division and provided all technical support.

7. Specialized Oil & Gas Company, Saudi Arabia.	NDT Inspector	Jul 2006 – Jul 2007
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- Independently conducted various types of Non-destructive testing such as Radiographic testing.
- Ultrasonic testing, Magnetic particle testing, Penetrant testing, Vacuum box testing, and Visual inspection of fabricated items.
- Coordination and operation of NDT activity.
- Visual inspection of weld joint before and after welding, NDT and Quality control welding inspection, Witnessing Hydrostatic test of the new fabricated piping spool, Metallographic, Hardness, Thickness, Dimension measurement, In-service process corrosion inspection like UT, MT, PT, RTFI, PMI, Metallographic, Hardness, Thickness and Reporting, all documentation.

8. Scaanray Metallurgical Services, India	NDT Inspector	Apr 2003 – May 2006
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- Radiographic film interpretation, evaluation, and reporting to various classifications and codes.
- Wet, dry (both visible & fluorescent) magnetic particle testing and penetrant testing on welded and machined components.
- Handled many projects in the supervisory role and lead the RT team.
- Become the first employee to clear the BARC RT exam from the Chennai Branch.



Curriculum Vitae

G. Mahalingam

NDT In-charge



CURRICULUM VITAE

Name : G. Mahalingam

Designation : NDT In-charge

Email : ndt@transasialab.com

Phone : +971 58 537 8696

Years of Experience : 40

Educational Qualification

Sl. No.	College/Institute	Education Level	Academic Field
1.	Guru Nanak College	Bachelor of Commerce	Commerce

Technical Qualification

Sl. No.	Certification Body	Certification Level	Certification Field
1.	Computer Software College, Chennai	AutoCAD I & II	Computer Aided Design
2.	Emirates Business Management	MS Excel	Microsoft office suite
3.	Computer Marketing Agency, Chennai	Intensive Training Course in Invoicing & Data Entry – ERP Modules	Resource Planning

Industrial Training

Sl. No.	Training Institute	Training Level	Training Field
1.	SGQC	Internal Quality Auditor (ISO 9001:2015)	Quality Management System

Professional Summary

Over 40 years of experience in NDT Operations, Commercial, QA / QC, Internal Audits, project documentations, Report generations, Invoicing to Customers, extensive follow-up on Debtors outstanding, and relationship building with key customers, suppliers, Inventory control, and General Administration in various types of industries.

Sl. No.	Employer	Designation	Duration
1.	Trans Asia Industrial Laboratories, Dubai, U.A.E.	NDT In-charge	Apr 2020 – Present
2.	Emirates Industrial Laboratory, Dubai, U.A.E.	NDT Administration & Supervisor / Project Administration Supervisor	Jul 1996 – Feb. 2020
3.	National Petroleum Construction Company (NPCC), Abu Dhabi, U.A.E.	Jr. Technical Supervisor	Jul 1994 - Apr 1996
4.	First Leasing Co. of India Ltd, Chennai, India	Junior Executive-EDP.	Mar 1990 – May 1994
5.	M/s Landmark, Chennai, India	EDP Computer Supervisor	Aug 1988 - Feb 1990
6.	Indian Hospitals Corporation Ltd (APOLLO HOSPITALS), Chennai, India	EDP Software Implementation	Apr 1986 - Jul 1988



7. Computer Marketing Agencies, Chennai, India Computer Operator Feb 1984 to Mar 1986

Major Projects Executed

Sl. No.	Project Nature	Project Description Or Achievement	Client / End User	Period
1.	Drydocks World-Dubai	Various kinds of marine vessels are periodically surveyed for corrosion, conversions of marine vessels, and new building systems.	Various	1996 - 2020
2.	Turnarounds in 2005	Qatar Petroleum	Qatar Petroleum	2005
3.	Turnarounds in 2007 & 2014 projects.	Qatar Fuel Additives Company Ltd, Qatar	QAFAC	2007 & 2014
4.	Qatar Gas Upstream Development Project.	Process Utility Platform	Qatar Gas	1995 – 1996

Details of Professional Experience

1. Trans Asia Industrial Laboratories, Dubai NDT In-charge Apr 2020 – Present

- Reporting to the General Manager, responsible for the preparation of commercial and technical proposals and final invoices to various clients on NDT & Inspection projects.
- Administration of the NDT & Field Inspection department by coordinating and directing the inspection personnel on diverse projects such as NDT survey, welding, and third-party inspection, Marine vessels, Drilling Rigs, and oil platforms.
- Responsible for Debtors Management, follow-up of outstanding payments from clients, receipt documentation, and coordination with the Finance Dept.
- Responsible for the preparation of tenders, quotations, commercial, and technical proposals & general correspondence, along with advisory assistance to the Department Managers and Office coordination in the Non-Destructive Testing Department.
- The system maintains, validates, and controls all QC activities during the fabrication of piping and structures for oilfield applications, providing a leading-edge solution to TQM (Total Quality Management).
- The facilities include validation of welding procedures, welders, drawing identification, preparation of NDT requests, NDT reports, weld summary, welder's performance report, weld repair % analysis, etc.
- Coordinate QC documentation activities with clients and third-party inspection authorities on the project.
- Data preparation based on piping isometrics (Joint No, Pipe Size, Material, Pipe Class, etc.) and inputs, maintenance of NDT drawing for structural discipline, and revisions.
- Coordinating all aspects of general office administration.

2. Emirates Industrial Laboratory, Dubai, U.A.E. NDT Administration & Supervisor / Project Administration Supervisor Jul 1996 – Feb. 2020

- Reporting to the General Manager, responsible for the preparation of commercial and technical proposals and final invoices to various clients on NDT & Inspection projects.
- Administration of the NDT & Field Inspection department by coordinating and directing the inspection personnel on diverse projects such as NDT survey, welding, and third-party inspection, Marine vessels, Drilling Rigs, and oil platforms.
- As a department Sr. supervisor - NDT section, led and guided the team of inspectors and technicians in Dubai Dry-docks, where various kinds of marine vessels are periodically surveyed for corrosion, conversions of marine vessels, and new building systems.



- Attending meetings with clients for technical requirements and commercial terms and conditions.
- Planning the mobilization and demobilization of personnel and equipment for various project sites. Project coordination for various projects in and around the UAE.
- Systematic coordination with personnel for project requirements and meeting the project plan and schedule.
- Responsible for Business development, Customer relationship, coordinating job execution, manpower management, and follow-ups.
- Directing the preparation of QA/QC reports, procedures, and other inspection documents for various projects. Actively involved and monitored the production of various kinds of NDT and inspection reports.
- Involved in preparing and analyzing Financial Statements and business processes.
- Responsible for Debtors Management, follow-up of outstanding payments from clients, receipt documentation, and coordination with the Finance Dept.
- Responsible for the preparation of tenders, quotations, commercial, and technical proposals & general correspondence, along with advisory assistance to the Department Managers and Office coordination in the Non-Destructive Testing Department.
- Supervision of store inventory control and maintenance of records.
- Authentication of corrosion survey reports on various kinds of marine vessels carried out at various shipyards and ports in the UAE, Qatar, Bahrain, Oman, and all over the world. Preparation of Thickness survey reports and inspection reports of various marine vessels carried out during voyages to various parts of the World.
- Worked as a team member in the quality control division of the company in the preparation and implementation of quality systems, and was dedicated to excellence and responsible for the Maintenance of documentation in line with QMS requirements.
- Technical report generation for Ultrasonic Thickness Gauging and other Non-Destructive Test projects and Ultrasonic Thickness Survey Reports for various classification societies like BV, LRS, DNV, ABS, GL, NKK, IRS & RINA.
- Monitoring & control of daily routines and coordinating general administration / HR activities.
- Database Supervision of Computer-aided QA/QC documentation in line with ISO 9001 requirements for both Piping & Structures during the fabrication of the Process Utility Platform for the Qatar Gas Upstream Development Project.
- The system maintains, validates, and controls all QC activities during the fabrication of piping and structures for oilfield applications, providing a leading-edge solution to TQM (Total Quality Management).
- The facilities include validation of welding procedures, welders, drawing identification, preparation of NDT requests, NDT reports, weld summary, welder's performance report, weld repair % analysis, etc.
- Coordinate QC documentation activities with clients (Qatar Gas) and third-party inspection authorities (Lloyds Register of Shipping) on the project.
- Data preparation based on piping isometrics (Joint No, Pipe Size, Material, Pipe Class, etc.) and inputs, maintenance of NDT drawing for structural discipline, and revisions.
- Coordinating all aspects of general office administration.

3. National Petroleum Construction Company (NPCC), Abu Dhabi, U.A.E.

Jr. Technical Supervisor

Jul 1994 - Apr 1996

- Database Supervision of Computer-aided QA/QC documentation in line with ISO 9001 requirements for both Piping & Structures during the fabrication of the Process Utility Platform for the Qatar Gas Upstream Development Project.
 - The system maintains, validates, and controls all QC activities during the fabrication of piping and structures for oilfield applications, providing a leading-edge solution to TQM (Total Quality Management).
 - The facilities include validation of welding procedures, welders, drawing identification, preparation of NDT requests, NDT reports, weld summary, welder's performance report, weld repair % analysis, etc.
 - Coordinate QC documentation activities with clients (Qatar Gas) and third-party inspection authorities (Lloyds Register of Shipping) of the project.
 - Data preparation based on piping isometrics (Joint No, Pipe Size, Material, Pipe Class, etc.) and inputs,
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maintenance of NDT drawing for structural discipline, and revisions.

- Coordinating all aspects of general office administration.

4. First Leasing Co. of India Ltd, Chennai, India.	Junior Executive-EDP.	Mar 1990 – May 1994
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- System implementation of Individual Finance (Consumer Credit), MIS Report Generation, Data Maintenance, Debtors Management, Correspondence, Institutional Finance, and coordinating with the Systems Department.
- Assist in general office administration and day-to-day routines.

5. M/s Landmark, Chennai, India.	EDP Computer Supervisor	Aug 1988 - Feb 1990
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- Responsible for inventory control, Online billing, and Cash Counter Management, Data backups, in charge of EDP, MIS Report Generation, and Maintenance of stock.
- Carried out day-to-day operations and general office administration.

6. Indian Hospitals Corporation Ltd (APOLLO HOSPITALS), Chennai, India.	EDP Software Implementation	Apr 1986 - Jul 1988
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- Actively involved in the implementation of various systems for hospital management, with the guidelines from management and a software consultant (Laser Soft Inc.)
- In charge of Pharmacy online billing, Inventory control, Outpatient Online billing system, Health Insurance Claim Processing System, MIS Report Generation, Training & Supervision, Data backups, Maintenance, and coordinating with user departments.
- Actively involved in achieving a total quality system in the hospital management system and day-to-day functioning

7. Computer Marketing Agencies, Chennai, India	Computer Operator	Feb 1984 to Mar 1986
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- Data Entry, Data Verification, Documentation, Coding, Training, and Supervision.
- Involved in extensive data entry and verification for various clients.
- Carried out day-to-day functioning of the company and general administration work.



Curriculum Vitae

Seshan Yesuri

ANDT Specialist I NDT Level III



CURRICULUM VITAE

Name	:	Seshan Yesuri
Designation	:	ANDT Specialist I NDT Level III (ASNT/PCN/ISO 9712)
Email	:	seshan@aptsuae.com
Phone	:	+971 56 210 0199
Years of Experience	:	9+

Educational Qualification

Sl. No.	College/Institute	Education Level	Academic Field
1.	Swarnandhra College of Engineering and Technology (autonomous)	B.Tech. (2016)	Mechanical Engineering

Technical Qualification

Sl. No.	Certification Body	Certification Level	Certification Field
1.	ASNT	Level III	ASNT NDT Level III- UT, ET, RT & AET Certificate No. 297897
2.	PCN	Level III	UT & PAUT Certificate No. 339014
3.	ISO 9712	Level III	AUT (Pipeline Girth Welds) Certificate No. 202511310006
4.	ISO 9712	Level II	AUT Data Interpretation Certificate No. 202511210010
4.	GUL	Level 1: Pipe (L1:P)	Guided Wave Testing Certificate No. 2929
5.	ASNT	Level II	UT, PT, MT, ET, PAUT, TOFD & RT

Industrial Training

Sl. No.	Training Institute	Training Level	Training Field
1.	Eddyfi	Level II	MFL Floormap 3Di-R
2.	GUL	Level II	Quantitative Short Range (QSR)

Professional Summary

Nine plus years of experience in NDT Inspection, with a range of Oil & Gas, Petrochemicals, Marine & various industrial sectors, Procedure preparation, Data analysis, Procedure Qualification, Demonstration for various NDT techniques, executed NDT projects/works for In-service Inspection as well as for new construction.

Sl. No.	Employer	Designation	Duration
1.	Trans Asia Industrial Laboratories, Dubai	ANDT Specialist/NDT Level III	Sep 2025 – Present
2.	Blue Horizon/ARISE Group, Abu Dhabi	Sr. ANDT Engineer/NDT	Sep 2020 – Jul 2025



Level III

3.	Lonestar Technical & Industrial Services, UAE	Advance NDT Inspector	Sep 2018 - Sep 2020
4.	IXAR (I) Pvt. Ltd., Mumbai	Advance NDT Technician	Jul 2016 to Jun 2018

Major Projects Executed

Sl. No.	Project Nature	Project Description Or Achievement	Client / End User	Period
1.	NDT Level 3	Prepared all technical procedures and scan plans according to industry codes and standards. Managed in preparation of calibration and demonstration blocks to ensure accurate equipment setup. Handled the qualification of all personnel and testing methods to guarantee the project met all safety and quality requirements before starting. a	ADNOC GAS	Jan 2025 to Jul 2025
2.	NDT Level 3	Responsible NDT Level III for planning and technical oversight of in-service inspection programs for piping, pressure vessels, tanks, and static equipment in oil and gas facilities. Scope included selection, of conventional and advanced NDT techniques such as PAUT, TOFD, GWUT, SRUT, AET, ECT, ACFM, MFL, IRIS, TFM, PCI (HIC & HTHA related Damages) and PEC. Reviewed inspection results, supported integrity assessments, and provided technical guidance to NDT teams.	ADNOC GAS	Feb 2023 to Jul 2025
3.	NDT Level 3	Led in service inspection projects focused on finding HTHA and HIC damage using advanced TFM, PCI, and Automated Corrosion Mapping tools. Managed various Advanced NDT techniques (LRUT, MFL, SRUT, Robotic Inspection, SLOFEC, GUY Wire-	ADNOC OFFSHORE	March 2023 to Jul 2025



Flare ropes, ECT and IRIS). As a Level 3 expert, oversaw the writing of procedures and analysed complex data for critical plant equipment.

4.	PAUT/ TFM/ TOFD/ PCI	HIC inspection on Tanks, Columns, Vessels, Flare lines & Piping Systems	ADNOC OFFSHORE	Mar 2023 to Aug 2023
5.	AET	ADNOC LNG- AET inspection on Insulated Vessels, Pipelines and piping	AMOG/ ADNOC LNG	Nov 2024 to Dec 2024
6.	MFL	RLPC, Qatar - MFL Bottom Tank inspections	ARISE/ RLCP	Nov 2024 to Dec 2024
7.	PAUT/ TFM/ TOFD/ PCI	SORFERT- HTHA inspection on Pipeline & Vessels	SORFERT	Sep 2024 to Nov 2024
8.	AET	ADNOC GAS, ASAB- AET inspection on pipeline for leak detection	AMOG/ ADNOC LNG	Apr 2024 to May 2024
9.	ACFM & SECT	Warner Bros (Farah Experiences) – ACFM on Structures, Abu Dhabi	WARNER BROS/ MIRAL Experiences	OCT 2020 to Feb 2024
10.	LRUT	ADNOC Onshore LRUT on Pipelines, RDS-02 Station, Buhasa, Abu Dhabi	AMOG/ ADNOC OFFSHORE	Aug 2022 to Sep 2023
11.	PAUT/TOFD/TFM/PCI	ADNOC Gas Processing, Habshan all Locations – PAUT on Vessels	AMOG/ ADNOC GAS	OCT 2020 to Feb 2023
12.	SRUT	ADNOC Offshore (Zirku & Das Island)- Tank Annular plate inspection during the tank is in service	ADNOC OFFSHORE	Apr 2023 to Jul 2023
13.	PAUT/TOFD/TFM/PCI	ADNOC Gas Processing, Habshan – PAUT Inspections.	AMOG/ ADNOC GAS	OCT 2020 to Feb 2023
14.	MFL	ADNOC GP, Habshan - MFL Bottom Tank inspections (Turnarounds)	DESCON/ ADNOC GAS	OCT 2020 to Feb 2023
15.	MFL	ADNOC GP, ASAB - MFL Bottom Tank inspections	DESCON/ ADNOC GAS	OCT 2020 to Feb 2023
16.	Tube Inspection (IRIS, ECT)	ADNOC Gas Processing, Habshan, Ruwais – ECT & IRIS	DESCON/ ADNOC GAS	OCT 2020 to Feb 2023
17.	ACFM & SECT	DEWA – ACFM on Boiler Shafts, Dubai	DEWA	OCT 2020 to Feb 2023
18.	ACFM & SECT	MEHC – SECT on Tower Crane Boom Inspections, Dubai	MEHC	OCT 2020 to Feb 2023
19.	ACFM & SECT	TOTAL ABK – SECT on Various Lifting Equipment, Abu Dhabi	ARISE/ ADNOC OFFSHORE	OCT 2020 to Feb 2023
20.	ACFM & SECT	Fugro – SECT on Lifting Equipment, Abu Dhabi	FUGRO	OCT 2020 to Feb 2023
21.	Tube Inspection (IRIS,	Daikin - ECT on Chillers	Daikin	Mar 2021 to Feb 2023



ECT)

22.	MFL	Borouge, Ruwais - MFL Bottom Tank inspections	STORK / Borouge	Nov 2022 to Dec 2022
23.	Tube Inspection (IRIS, ECT)	FBM-KNM, Dubai – IRIS	DESCON/ ADNOC GAS	Nov 2022 to Dec 2022
24.	LRUT	ADOC Japan, Offshore LRUT on Pipelines, Mubarras Island, Abu Dhabi	ADOC Japan	Jul 2022 to Aug 2022
25.	LRUT	NCOC, LRUT on Pipelines, Kazakhstan	ARISE/ NCOC	June 2022 to July 2022
26.	MFL	NCOC – NV, Kazakhstan, MFL Bottom Tank Inspections (Turnarounds)	ARISE/ NCOC	June 2022 to July 2022
27.	Tube Inspection (IRIS, ECT)	Johnson Controls - ECT on Chillers	Johnson Controls	April 2022 to June 2022
28.	MFL	Powerplant, KSA - MFL Bottom Tank inspection.	Al Bakri / SEC	Jan 2022 to April 2022
29.	SRUT	Annular Plate inspection of Crude oil Storage Tanks	Al Bakri / SEC	Jan 2022 to Mar 2022
30.	LRUT	ADNOC LRUT on Pipelines, MAP SV 1.4.5.6, Umm Al Naar, Al Ain Station	ASTRON / ADNOC PTOD	Dec 2021 to Jan 2022
31.	MFL	ADNOC Distribution, Zaheer Terminal, Al Ain - MFL Bottom Tank inspections	ASTRON / ADNOC	Aug 2021 to Nov 2021
32.	PAUT	FBM-KNM- Pressure Vessels	FBM / ADNOC GAS	OCT 2020 to Dec 2020
33.	PAUT/TOFD/TFM/PCI	ADNOC Gas Processing, Habshan – PAUT on Vessels	AMOG/ ADNOC GAS	OCT 2020 to Nov 2020
34.	PAUT/ TOFD	ADNOC Onshore, BAB Facilitates on Piping (PAUT & TOFD), Habshan, Abu Dhabi	CPECC / ADNOC Onshore	Sep 2018 to Sep 2020
35.	PAUT	ADNOC Refining, DD30 Cluster on Piping, RUMAITHA Abu Dhabi	CPECC / ADNOC	Sep 2018 to Sep 2020
36.	PAUT	ADNOC Onshore BAB Facilitates on Tanks, Habshan, Abu Dhabi	CPECC / ADNOC	Sep 2018 to Sep 2020
37.	PAUT	ADNOC Gas Processing, BCDS – PAUT Inspections.	CPECC / ADNOC	Sep 2018 to Sep 2020
38.	PAUT	Petrofac, Hydroform PAUT Inspections.	FTV/ Total Energy/Saipem	Mar 2019 to Sep 2019 & Jan 2025 to June 2025
39.	Eddy Current Array (ECA)	Sapura, Eddy Current Array on Liners, Dubai	FTV/ SAPURA	Sep 2018 to June 2019
40.	NDT Inspection	ADNOC Onshore, BAB Facilitates on Pipelines UT, MT, PT, Habshan Abu Dhabi	CPECC/ ADNOC ONSHORE	Sep 2018 to Sep 2020



41.	PAUT	Bunduq offshore – Integrity of Piping, Abu Dhabi.	Al Raha/ADNOC OFFSHORE	Sep 2018 to Dec 2018
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Details of Professional Experience

1. Trans Asia Industrial Laboratories, Dubai	NDT Level III	Sep 2025 – Present
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- Responsible for providing expert guidance for the inspection, testing activities, and Analysis conducted at the Laboratory.
- Administration of the ANDT Department & Technical assistance to Inspectors & Technicians for specific kinds of jobs.
- Technical review and implementation of NDT procedures, client-specific procedures, and addition of new procedures for company values.
- Manage the planning of activities in the laboratory and ensure compliance with both cost and timing.
- Explore modern technologies that can be applied to increase the capability & productivity of each department.
- Responsible for the development of competencies of the inspection and lab staff.
- Manage the lab personnel by providing personal development opportunities and motivation through training and the application of the standard procedures of the company.
- Ensure periodic monitoring of the performance of staff, approve confidentiality and conflict of interest signed by the staff, and ensure assignments such that conflicts of interest are minimized.
- Can conduct any NDT job at the site, if required, to resolve any issues with clear results and reasons to explain.
- As a Technical Authority for ANDT, reviewed, suggested, and approved various Welding & NDT procedures related to Projects and Modification works.
- Training, certifying, and qualifying NDT inspectors to ASNT Level I & II to various methods such as RT, MT, PT, and Ultrasonic thickness gauging on diverse kinds of marine vessels as per various classification requirements. Training radiographers and other radiation workers in the field of “Radiation Safety” to various national and international standards.

2. ARISE Group, Abu Dhabi	Sr. ANDT Engineer/NDT Level III	Sep 2020 – Jul 2025
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- Performing PAUT & ToFD inspections on pressure vessels, Pipelines, Weld Joints, etc.
- Cross-checked acquired PAUT & TOFD data with scan plans and approved demonstrations.
- Performing & reviewing SRUT inspection for tank annular plates.
- Performing & reviewing AUT inspection on Pipelines.
- Perform & review MFL Tank floor Inspections.
- Perform & review LRUT Pipeline Inspections.
- Perform & review Eddy Current & IRIS Inspection on Tube Bundles, Heat Exchangers, etc.
- Performing & reviewing Surface eddy current Inspections on structures.
- Performing & reviewing PT, MPI, and UT inspections.
- Performing & reviewing Baroscopic Inspections.
- Analysis of inspection data & quality of data/signals.

3. Lonestar Technical & Industrial Services, UAE	Advance NDT Inspector	Sep 2018 to Sep 2020
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- Qualified and approved by ADNOC for performing phased array ultrasonic examination on pipeline, piping for materials like Inconel & CS.
- Making of TOFD & PAUT Scan plan as per the coverage of thickness.
- Performing Phased Array Ultrasonic Examination for in-service pipe welds.
- Preparation of calibration setup for Phased Array equipment and TOFD equipment for each specific job.
- Performing Omni scan with corrosion mapping using Hydroform & 0-degree wedges-Scan.



4. IXAR (I) Pvt. Ltd., Mumbai

Advance NDT Technician

Jul 2016 to Jun 2018

- Assist with senior NDT LEVEL III to prepare our own NDT procedures, Responsible for data management and the organization of inspection reports.
- Carried out Ultrasonic Testing on Structures- Joints & Piping.
- Carried out PAUT & TOFD on Piping.
- Detection of corrosion & other service defects on various vessels and pipelines. □ Report Preparation & Maintaining Inspection Records.
- Preparation and review of NDT Inspection reports.
- Maintaining calibration records in hard & soft copy formats

LIST OF EMPLOYEES

S. No.	Department	Emp. ID	Name of the Employee	Designation	Status	Date Joined
1	NDT	TIL-01	D. Santosh	General Manager	Active	1-Feb-20
2	NDT	TIL-04	Manoj M Kolhe	Sr. Insp. Engineer	Active	1-Nov-19
3	NDT	TIL-10	G. Mahalingam	NDT Lab In-Charge	Active	1-Apr-20
4	Admin	TIL-13	Rakesh Potharaju	Driver	Active	11-Jan-20
5	Sales	TIL-27	Mohammed Ali C.	Business Development Manager	Active	6-Jun-21
6	Admin	TIL-29	Syed Mazhar Hussain	Accountant	Active	26-Jan-21
7	NDT	TIL-30	Prasad Panasa	Multi Discipline NDT Inspector	Active	1-Jun-21
8	Lab	TIL-33	Ganesh Ramanathan	Machinist	Active	2-Nov-21
9	NDT	TIL-36	Pankaj Kolhe	Appointed NDT Level III	Active	21-Dec-23
10	NDT	TIL-38	Gudala Naganna	Multi Discipline NDT Inspector	Active	28-Dec-21
11	Lab	TIL-40	Mujipur Rahaman	Lab Technical Manager	Active	28-Jul-22
12	Lab	TIL-44	Tariq Shah	Machinist	Active	17-Nov-22
13	NDT	TIL-46	S Rajasekar	NDT- Operations Technical Manager	Active	29-Dec-22
14	NDT	TIL-47	Salon Abdul Samad	Heat Treatment Technician & Multi NDT technician	Active	30-Dec-22
15	Lab	TIL-48	Kush Kumar	Operations Manager	Active	15-Oct-25
16	Lab	TIL-53	Mark Arthur Rego	Sr. Chemist	Active	24-Apr-23
17	Lab	TIL-56	Satish Kumar Karanam	Machinist	Active	10-Feb-23
18	Quality	TIL-58	Neenu Anna Thomas	QHSE Officer / MR	Active	6-Jun-23
19	Lab	TIL-60	Vivek Kumar	Senior Metallurgist	Active	20-Jun-23
20	TPI	TIL-63	Anwar Ali	Operations / Business Development Manager	Active	4-Sep-23
21	TPI	TIL-68	Raj Kumar	Q.C Inspector	Active	6-Nov-23
22	Lab	TIL-70	Tarun Genji	Lab Testing Enginner	Active	25-Dec-23
23	Lab	TIL-72	Babu Rao Samala	Machinist	Active	23-Oct-23
24	Lab	TIL-74	Gnanamanikandan. G	Machinist	Active	22-Mar-24
25	TPI	TIL-76	Babu Manikanta	QC Inspector	Active	27-Mar-24
26	NDT	TIL-77	Sathish Vengadesan	Multi Discipline NDT Inspector	Active	11-May-24
27	NDT	TIL-78	Vignesh Dhanapal	Multi Discipline NDT Inspector	Active	20-May-24
28	TPI	TIL-80	Venkatesh Bhumi Reddy	QC Inspector	Active	24-May-24
29	Driver	TIL-81	Razi Khan	Driver	Active	15-Apr-24
30	TPI	TIL-82	Vishnu Mandakathingal	QC Engineer	Active	31-May-24
31	TPI	TIL-83	Venkata Naidu	QC Engineer	Active	11-Jun-24
32	TPI	TIL-85	Alladi Pallapa Raju	QC Engineer	Active	28-Jun-24

33	Document Controller	TIL-87	Jaya Krishna Raju Gudaparthi	Document Controller	Active	1-Jul-24
34	Lab	TIL-88	Gabriel Gomes	Lab Supervisor	Active	14-Aug-24
35	TPI	TIL-89	Franklin Jeyakumar	QC Engineer	Active	29-Jul-24
36	Lab	TIL-90	Ahmed Saeed	Machinist	Active	19-Aug-24
37	Lab	TIL-92	Ranjith Reghunathan	Machinist	Active	24-Aug-24
38	TPI	TIL-94	Maninder	QC Engineer	Active	28-Aug-24
39	NDT	TIL-95	Rahul Saravanaraj	Multi Discipline NDT Inspector	Active	19-Sep-24
40	TPI	TIL-98	Rajesh Moturi	QC Engineer	Active	20-Oct-24
41	Buisness Development	TIL-99	Nazia Hamed Akbar Afridi	Sr. Manager BD Unit	Active	21-May-24
42	TPI	TIL-100	Gangupav Narayana Rao	QC Engineer	Active	17-Oct-24
43	NDT	TIL-101	Riyas Khan	Multi Discipline NDT Inspector	Active	7-Nov-24
44	TPI	TIL-102	Sudheesh Kumar	QC Engineer	Active	12-Dec-24
45	NDT	TIL-103	Mohammed Arif	Multi Discipline NDT Inspector	Active	12-Dec-24
46	NDT	TIL-104	Ramesh Babu	Multi Discipline NDT Inspector	Active	12-Dec-24
47	NDT	TIL-105	Vijay Kumar	Multi Discipline NDT Inspector	Active	4-Dec-24
48	NDT	TIL-106	Sanjay Kumar	Multi Discipline NDT Inspector	Active	4-Dec-24
49	NDT	TIL-107	Bhanshilal	Multi Discipline NDT Inspector	Active	4-Dec-24
50	TPI	TIL-108	Aysha Salem	Inspection Supervisor	Active	30-Dec-24
51	TPI	TIL-110	Rajesh Mani	QC Engineer	Active	9-Jan-25
52	Admin	TIL-111	Sajid Kamaludeen	Driver	Active	8-Jan-25
53	NDT	TIL-112	Gonthina Girish Kumar	NDT Coordinator	Active	8-Jan-25
54	NDT	TIL-113	Shanmukh Kunebelli	Multi Discipline NDT Inspector	Active	4-Feb-25
55	NDT	TIL-114	Senthilvelan Venkatachalam	Multi Discipline NDT Inspector	Active	10-Feb-25
56	NDT	TIL-115	Faizan Akbar	Multi Discipline NDT Inspector	Active	11-Feb-25
57	NDT	TIL-116	Venkatesh Bella	Multi Discipline NDT Inspector	Active	13-Feb-25
58	NDT	TIL-117	Pradeep Raj Santhanam	Multi Discipline NDT Inspector	Active	13-Feb-25
59	NDT	TIL-118	Binu Sukumaran	Multi Discipline NDT Inspector	Active	1-Jan-25
60	NDT	TIL-119	Abinkrishnan Anil Kumar	Multi Discipline NDT Inspector	Active	1-Feb-25
61	NDT	TIL-120	Sudhakar Devaraj	PWHT technician	Active	1-Feb-25
62	Admin	TIL-121	Abdul Shameer	Driver	Active	1-Feb-25
63	TPI	TIL-122	Sivakumar	QC Engineer	Active	1-Mar-25
64	Lab	TIL-123	Narsi Rao Yannapu	Machinist	Active	19-Feb-25
65	Admin	TIL-124	Sanari Chota	Office Assistant	Active	7-Feb-25

LIST OF EMPLOYEES

66	Admin	TIL-126	Rajashekar Chintham	Driver	Active	2-Apr-25
67	NDT	TIL-127	Yogesh Kumar	Multi Discipline NDT Inspector	Active	28-Apr-25
68	NDT	TIL-128	Vikash Kumar Yadav	Multi Discipline NDT Inspector	Active	28-Apr-25
69	Admin	TIL-130	Venkatesh Budhuta	Tendering and Accounts Executive	Active	2-Apr-25
70	TPI	TIL-132	Mohamad Khalfan Aleisaei	Inspection Supervisor	Active	13-Jun-25
71	Lab	TIL-133	Rajeesh Reghunathan	Machinist	Active	28-Apr-25
72	Lab	TIL-134	Sricharan Pallela	Jr. Testing Engineer	Active	1-May-25
73	NDT	TIL-136	Kaviarasan Jeevanathan	PWHT technician	Active	7-May-25
74	Admin	TIL-137	Waqas Alam Khan	Driver	Active	1-Jun-25
75	Admin	TIL-138	Vishnu S Nair	HR 7 Administration Office	Active	8-Jun-25
76	TPI	TIL-139	Azeez Mohammed	QC Inspector	Active	7-Jul-25
77	NDT	TIL-140	Iyyappan Sekar	Multi Discipline NDT Inspector	Active	16-Jul-25
78	NDT	TIL-141	Indresh Kumar	Multi Discipline NDT Inspector	Active	4-Jul-25
79	TPI	TIL-142	Mohamed Waris Khan	QC Inspector	Active	14-Jul-25
80	NDT	TIL-144	Mahaboobu Mahin	HT & NDT Technician	Active	21-Aug-25
81	Admin	TIL-145	Denitta Davis	IT/Admin Coordinator	Active	14-Jul-25
82	NDT	TIL-146	Seshan Yeshuri	ANDT Team Lead	Active	24-Sep-25
83	NDT	TIL-149	Sridevi Govindan	NDT Operations Manager	Active	29-Aug-25
84	TPI	TIL-150	Gokul G	Sr. Inspection Engineer	Active	18-Aug-25
85	NDT	TIL-151	Suresh Ramamoorthy	HT & NDT Technician	Active	1-Sep-25
86	TPI	TIL-152	Dashdageer Sahib	Welding Inspector	Active	1-Sep-25
87	NDT	TIL-153	MD. Meraj Alam	NDT Technician	Active	30-Sep-25
88	TPI	TIL-155	Maheer Hussain	Jr. Mechanical Inspector	Active	25-Sep-25
89	TPI	TIL-156	Chithrarasu Pasupathy	Painting Inspector	Active	22-Sep-25

NDT

EQUIPMENT

Master List of NDT Equipments

Doc Name:		Master List of Equipments & Accessories			
Doc Number:		TIL-QF-LMS-026			
Issue No.		01	Revision no:	00	Update by
Issue Date:		18-02-2020	Revision Date:	-/-	Updated on
					4-Nov-25

NDT Equipments														
S. No.	EQUIPMENT / INSTRUMENT	Manufacturer	Model	Serial No	TIL Equipment ID	Location	Frequency of Calibration	Calibration Method In-House / External	Calibrated Date - New	Calibration Due Date -New	Name of Calibration Agency	Calibration Certificate No.	Current Status	Remarks
1	Ultrasonic Flaw Detector	GE	USM 36	17107600	TIL/N/01	Lab	Yearly	External	August 8, 2025	August 7, 2026	ACCUVER	WA25-3296-01	Active	
2	Permanent Magnetic Yoke	Matcon	Mat-2	192114	TIL/N/02	Lab	Yearly	External	June 16, 2025	June 15, 2026	VEETECH	CLD2224784.01	Active	
3	Electromagnetic Yoke AC -230 V	Matcon	MAT 230	200617	TIL/N/03	Lab	Yearly	External	July 4, 2025	July 4, 2026	VEETECH	CLD2224887.01	Active	
4	Gauss Meter	Western Inst.	W-FI-20	1891	TIL/N/04	Lab	Yearly Verification	External Verification	December 9, 2024	December 8, 2025	JUBILANT	JCMS/B2921-02/2024	Active	Gauss meter requires only verification, as it is only used to check the residual fields and is used only as an aid.
5	Pie Gauge	Supermag	Supermag	SL232	TIL/N/05	Lab	N/A	N/A	N/A	N/A	N/A	Product Data Sheet	Active	
6	IIW V1 Angle Beam Block (CS) 25 mm	Eastwest Engg.	IIW V1 Angle	V1/25/CS/G-18	TIL/N/06	Lab	N/A	N/A	N/A	N/A	N/A	Ref: EC/19-20-0542	Active	
7	IIW V2 Angle Beam Block (CS) 12.5 mm	ICE	IIW V2 Angle	V2/12.5/CS/79301	TIL/N/07	Lab	N/A	N/A	N/A	N/A	N/A	N/A	Active	
8	Test Block (4.5 Kg)	G.A.S.	CS	LB002	TIL/N/08	Lab	N/A	External	August 11, 2025	August 11, 2026	VEETECH	CLD2225132.06	Active	ASME Section V, Article 7, specifically
9	Test Block (18.4 Kg)	G.A.S.	CS	LB003	TIL/N/09	Lab	N/A	External	August 11, 2025	August 11, 2026	VEETECH	CLD2225132.05	Active	
10	Ultrasonic Flaw Detector	Modsonic Instruments	EINSTEIN-II TFT	E5931-1240	TIL/N/10	Lab	Yearly	External	April 30, 2025	April 29, 2026	VEETECH	CLD2224551.01	Active	
11	Permanent Magnetic Yoke	Mark Scientific Gen. Tr. LLC	KY-PM-6	21701	TIL/N/11	Lab	Yearly	External	May 9, 2025	May 8, 2026	VEETECH	CLA2223752.01	Active	
12	Electromagnetic Yoke AC -230 V	MATCONMAT	MATCONMAT230VAC/DC	192213	TIL/N/12	Lab	Yearly	External	April 30, 2025	April 29, 2026	VEETECH	CLD2224551.02	Active	
13	Ultrasonic Flaw Detector	Olympus	Epoch 650	190963310	TIL/N/13	Lab	Yearly	External	December 25, 2024	December 25, 2025	SIGMA	121-20241225-01543960	Active	
14	Ultrasonic Flaw Detector	Olympus	Epoch 650	201012801	TIL/N/14	Lab	Yearly	External	September 3, 2025	March 22, 2026	SIGMA	121-20240813-05043654	Active	
15	High Voltage Holiday Detector	Defelsko Corp.	PosiTest HDD	43025	TIL/N/15	Lab	-	-	-	-	-	-	Inactive	
16	Coating Thickness Gauge	Defelsko Corp.	PosiTector 6000	872362	TIL/N/16	Lab	Yearly	External	February 21, 2025	February 20, 2026	VEETECH	CLD2224192.01	Active	
17	Coating Thickness Instrument Probe	Defelsko Corp.	PosiTector 6000 FTS Probe	434378	TIL/N/16A	Lab	Yearly	External	February 21, 2025	February 20, 2026	VEETECH	CLD2224192.01	Active	
18	Coating Thickness Instrument Probe	Defelsko Corp.	PosiTector 6000 FTS Probe	436412	TIL/N/16B	Lab	N/A	N/A	N/A	N/A	N/A	N/A	Active	
19	High Capacity Force Gauge	Extech	475044	A006642	TIL/N/17	Lab	-	-	-	-	-	-	Inactive	Out of Use
20	Portable Hardness Tester	PCE Instruments	PCE-900	2021020081	TIL/N/18	Lab	Yearly	External	October 3, 2025	October 2, 2026	VEETECH	CLD2225462.01	Active	
21	Impact Probe Type D	PCE Instruments	Type D	Impact Probe Type D	TIL/N/19	Lab	N/A	N/A	N/A	N/A	N/A	N/A	Active	
22	Standardized Block	PCE Instruments	800HLD/860HLC	800HLD/860HLC Block	TIL/N/20	Lab	N/A	N/A	N/A	N/A	N/A	N/A	Active	
23	Ultrasonic Thickness Gauge	SIUI	CTS-30C	M02315210223	TIL/N/21	Lab	-	-	-	-	-	-	Inactive	Out of Use
24	IIW V1 Angle Beam Block (CS) 25 mm	Eastwest Engg.	IIW V1 Angle	V1/25/CS/G-23	TIL/N/22	Lab	Yearly	External	August 11, 2025	August 10, 2026	VEETECH	CLD2225132.04	Active	
25	IIW V2 Angle Beam Block (CS) 12.5 mm	Global Analytical Services	IIW V2 Angle	V2/12.5/CS/GS-106	TIL/N/23	Lab	N/A	N/A	N/A	N/A	N/A	N/A	Active	
26	Electromagnetic Yoke-115 V	Magnaflux	Y2 (630446)	M1066	TIL/N/24	Lab	Yearly	External	May 26, 2025	May 26, 2026	VEETECH	CLD2224676.01	Inactive	Out of Use
27	Vernier Caliper (NDT)	Mitutoyo	CD-6"ASX	A21059842	TIL/N/25	Lab	-	-	-	-	-	-	Inactive	Out of Use
28	High Definition Video Scope	Extech	HDV600	M21010042	TIL/N/26	Lab	N/A	N/A	N/A	N/A	N/A	N/A	Active	
29	Fibreglass Probe (25.0 mm OD)	Extech	HDV-25CAM-30G	C20040059	TIL/N/26A	Lab	N/A	N/A	N/A	N/A	N/A	N/A	Active	
30	Fibreglass Probe (5.5 mm OD)	Extech	HDV-5CAM-30FM	C21110253	TIL/N/26B	Lab	N/A	N/A	N/A	N/A	N/A	N/A	Active	
31	VSC204 Pipe Inspection Video Scope	Tekneka	VSC204 (Dia 23 mm)	2022010657	TIL/N/26C	Lab	N/A	N/A	N/A	N/A	N/A	N/A	Active	
32	Electromagnetic Yoke -115V	Magnaflux	Y-2	M 1089	TIL/N/27	Lab	Yearly	External	July 23, 2024	July 22, 2025	JUBILANT	JCMS/B2758-01/2024	Inactive	
33	Electromagnetic Yoke -115V	Magnaflux	Y-3	M 1083	TIL/N/27A	Lab	Yearly	External	December 9, 2024	December 8, 2025	JUBILANT	JCMS/B2921-01/2024	Active	
34	Digital Ultrasonic Thickness Gauge	Shantou Instruments	CTS-30C	M02315210297R	TIL/N/28	Lab	Yearly	External	July 1, 2024	June 30, 2025	JUBILANT	JCMS/B2819-01/2024	Inactive	Out of Use
35	Ultrasonic Thickness Gauge	SIUI	CTS-30C	M02315210230	TIL/N/29	Lab	-	-	-	-	-	-	Inactive	Out of Use
36	Vacuum Gauge	FIMA	2.5" Dial	AF 5681	TIL/N/30	Lab	Yearly	External	April 14, 2025	April 13, 2026	VEETECH	CLD2224416.01	Active	
37	Vacuum Gauge	FIMA	2.5" Dial	AD 2376	TIL/N/31	Lab	-	-	-	-	-	-	Inactive	Out of Use
38	70kVA 6 Channel Transformer	Cooperheat	70kVA - 16051	16051-6127	TIL/N/32	Lab	Yearly	External	December 12, 2024	December 11, 2025	JUBILANT	JCMS/J9316-03/2024	Active	
39	70kVA 6 Channel Transformer	Cooperheat	70kVA - 16051	16051-6132	TIL/N/33	Lab	Yearly	External	December 12, 2024	December 11, 2025	JUBILANT	JCMS/J9316-02/2024	Active	
40	12 Point Temperature Chart Recorder	Cooperheat	EH3000	RC-12-2945	TIL/N/34	Lab	3 months	External	July 29, 2025	October 28, 2025	VEETECH	CLD2225052.01	Active	
41	12 Point Temperature Chart Recorder	Cooperheat	EH3000	RC-12-2948	TIL/N/35	Lab	3 months	External	September 18, 2025	December 18, 2025	VEETECH	CLD22241674.01	Active	
42	Thermocouple Attachment Unit,(Battery recharge supply 110V a.c.)	Cooperheat			TIL/N/36	Lab	N/A	N/A	N/A	N/A	N/A	N/A	Active	
43	Thermocouple Welding Unit,(Battery recharge supply 110V a.c.)	Universal System			TIL/N/37	Lab	N/A	N/A	N/A	N/A	N/A	N/A	Active	
44	CAM Type Weld Gauge	Hunter USA	MG-8	5242	TIL/N/38	Lab	N/A	N/A	N/A	N/A	N/A	N/A	Active	

Master List of NDT Equipments

Doc Name:		Master List of Equipments & Accessories			
Doc Number:		TIL-QF-LMS-026			
Issue No.		01	Revision no:	00	Update by
Issue Date:		18-02-2020	Revision Date:	-//-	Updated on
					4-Nov-25

NDT Equipments														
S. No.	EQUIPMENT / INSTRUMENT	Manufacturer	Model	Serial No	TIL Equipment ID	Location	Frequency of Calibration	Calibration Method In-House / External	Calibrated Date - New	Calibration Due Date -New	Name of Calibration Agency	Calibration Certificate No.	Current Status	Remarks
45	CAM Type Weld Gauge	Hunter USA	MG-8	5242	TIL/N/39	Lab	N/A	N/A	N/A	N/A	N/A	N/A	Active	
46	Vacuum Gauge	Wika	2.5" Dial	65179412	TIL/N/40	Lab	N/A	N/A	N/A	N/A	N/A	N/A	Inactive	Out of Use
47	Bridge CAM Weld Gage	Riverweld	MG-8	X000X3Q6PX	TIL/N/41	Lab	N/A	N/A	N/A	N/A	N/A	N/A	Active	
48	Bridge CAM Weld Gage	Riverweld	MG-8	X000X3Q6PX	TIL/N/42	Lab	N/A	N/A	N/A	N/A	N/A	N/A	Active	
49	IIW V1 Angle Beam Block (CS) 25 mm Cast No: C-0805251 Heat No: R-0805251	Huatec Group Corporation	IIW V1 Angle	110801	TIL/N/43	Lab	N/A	N/A	N/A	N/A	N/A	Calibration Report No: 110801	Active	
50	IIW V2 Angle Beam Block (CS) 12.5 mm Cast No: C-0805251 Heat No: R-0805251	Huatec Group Corporation	IIW V2 Angle	110805	TIL/N/44	Lab	N/A	N/A	N/A	N/A	N/A	Calibration Report No: 110805	Active	
51	Pie Gauge	Huatec Group Corporation	Huatech 327	326	TIL/N/45	Lab	N/A	N/A	N/A	N/A	N/A	Product Data Sheet	Active	
52	Step Wedge			97-8297	TIL/N/46	Lab	N/A	N/A	N/A	N/A	N/A	N/A	Active	
53	Multi-Mode Ultrasonic Thickness Gauge	Mitech	MT180	MT0123092520	TIL/N/47	Lab	Yearly	External	February 25, 2025	February 24, 2026	VEETECH	CLD2224210.01	Active	
54	Ultrasonic Flaw Detector	Olympus	Epoch 650	231846510	TIL/N/48	Lab	Yearly	External	July 14, 2025	July 14, 2026	SIGMA	121-20250714-02121221	Active	
55	Ultrasonic Flaw Detector	Olympus	Epoch 650	231854310	TIL/N/49	Lab	Yearly	External	July 14, 2025	July 14, 2026	SIGMA	121-20250714-01464786	Active	
56	Electromagnetic Yoke AC	Parker	B200	1041	TIL/N/50	Lab	Yearly	External	October 14, 2025	October 14, 2026	ALBATECH	ALBATS/CAL25/0151-10	Active	
57	Portable Hardness Tester	Proceq	Equotip HW:C1	UP01-009-0351 ID 51-008-0331	TIL/N/51	Lab	Yearly	External	January 23, 2025	January 22, 2026	ARABCAL	05-C561123	Active	
58	70kVA 6 Channel Transformer	Globe Heat UK	GHT 1101	GT70-535	TIL/N/52	Lab	Yearly	External	November 21, 2024	November 21, 2025	N/A	Cal Cert from Manuf.	Active	
59	12 Point Temperature Chart Recorder	Globe Heat UK	GHT2001	EN-0244A0016	TIL/N/53	Lab	Yearly	External	September 18, 2025	September 17, 2026	VEETECH	CLD2225363.13	Active	
60	6 Way Automatic Temperature Programmer	Globe Heat UK	PTC160	160-2843	TIL/N/54	Lab	Yearly	External	September 18, 2025	September 17, 2026	VEETECH	CLD2225363.15	Active	
61	Thermocouple Attachment Unit	Globe Heat UK	GTW-V50	SFX9G9941-45 & SFS9G1387	TIL/N/55	Lab	N/A	N/A	N/A	N/A	N/A	N/A	Active	
62	Multi-Mode Ultrasonic Thickness Gauge	Mitech	MT180 P5EE	MT0124111304 Probe # 407009	TIL/N/56	Lab	Yearly	External	March 4, 2025	March 3, 2026	VEETECH	CLD2224252.03	Active	
63	UV lightmeter	Center	532	241010882	TIL/N/57	Lab	Yearly	External	February 7, 2025	February 6, 2026	GENERALTECH	GCLC/MIN27229.01/2025	Active	
64	Handheld UV Lamp	Spectro UV	SPN-VIN365	NA	TIL/N/58	Lab	N/A	N/A	N/A	N/A	N/A	N/A	Active	
65	Multi-Mode Ultrasonic Thickness Gauge	Mitech	MT180 P5EE	MT0124111305 Probe #407093	TIL/N/59	Lab	Yearly	External	February 14, 2025	February 13, 2026	VEETECH	CLD2224151.01	Active	
66	Multi-Mode Ultrasonic Thickness Gauge	Mitech	MT180 P5EE	MT0124111301	TIL/N/60	Lab	Yearly	External	February 14, 2025	February 13, 2026	VEETECH	CLD2224151.02	Active	
67	Electromagnetic Yoke AC	Parker Research Corporation	B200S	982	TIL/N/61	Lab	Yearly	External	July 4, 2025	July 3, 2026	VEETECH	CLD2224880.01	Active	
68	Electromagnetic Yoke AC	Parker Research Corporation	B200S	983	TIL/N/62	Lab	Yearly	External	July 4, 2025	July 3, 2026	VEETECH	CLD2224886.01	Active	
69	Electromagnetic Yoke AC/DC	Parker Research Corporation	DA400S	30174	TIL/N/63	Lab	Yearly	External	December 9, 2024	December 8, 2025	N/A	Cal Cert from Manuf.	Active	
70	Permanent Magnetic Yoke	Gammatec	NA	SM0705	TIL/N/64	Lab	Yearly	External	March 4, 2025	March 3, 2026	VEETECH	CLD2224252.04	Active	
71	Permanent Magnetic Yoke Rope Type	Western Inst.	WM-5C	MY-4252-05	TIL/N/65	Lab	Yearly	External	March 4, 2025	March 3, 2026	VEETECH	CLD2224252.05	Active	
72	70kVA 6 Channel Transformer	Globe Heat UK	GHT 1101	GT70-541	TIL/N/66	Lab	Yearly	External	September 18, 2025	September 17, 2026	VEETECH	CLD2225363.03	Active	
73	12 Point Temperature Chart Recorder	Globe Heat UK	GHT2001	EN-0248A0014	TIL/N/67	Lab	Yearly	External	September 18, 2025	September 17, 2026	VEETECH	CLD2225363.04	Active	
74	6 Way Automatic Temperature Programmer	Globe Heat UK	PTC160	160/2855	TIL/N/68	Lab	-	-	-	-	-	-	Active	
75	Thermocouple Attachment Unit	Globe Heat UK	GTW-V50	SKK9G2318-21, SKL9Q5562 &63	TIL/N/69	Lab	N/A	N/A	N/A	N/A	N/A	N/A	Active	
76	Ultrasonic Flaw Detector	GE	USM 35	16396	TIL/N/70	Lab	Yearly	External	April 4, 2025	April 3, 2026	VEETECH	CLD2224347.01	Active	
77	Permanent Magnet	NA	NA	1193	TIL/N/71	Lab	Yearly	External	April 18, 2025	April 17, 2026	VEETECH	CLD22244464.01	Active	
78	XRF Analyzer	Thermo Scientific	XL2 100G	205160	TIL/N/72	Lab	Yearly	External	April 15, 2025	April 14, 2026	MAARK	MSCC/44/2025	Active	

Master List of NDT Equipments

Doc Name:		Master List of Equipments & Accessories			
Doc Number:		TIL-QF-LMS-026			
Issue No.		01	Revision no:	00	Update by
Issue Date:		18-02-2020	Revision Date:	-//-	Updated on
					4-Nov-25

NDT Equipments														
S. No.	EQUIPMENT / INSTRUMENT	Manufacturer	Model	Serial No	TIL Equipment ID	Location	Frequency of Calibration	Calibration Method In-House / External	Calibrated Date - New	Calibration Due Date -New	Name of Calibration Agency	Calibration Certificate No.	Current Status	Remarks
79	Vaccum Gauge	Wika	NA	VG-4416-01	TIL/N/73	Lab	Yearly	External	April 14, 2025	April 13, 2026	VEETECH	CLD2224416.02	Active	
80	Ultrasonic Flaw Detector	GE	USM 35	16404	TIL/N/74	Lab	Yearly	External	October 17, 2025	October 16, 2026	DELTA WYE	CRT78935N	Active	
81	Ultrasonic Flaw Detector	GE	USM 35	17705	TIL/N/75 (APTS/UT/042)	Lab	Yearly	External	October 17, 2025	October 16, 2026	DELTA WYE	CRT78936N	Active	
82	Permanent Magnetic Yoke	Gammatec	NA	858	TIL/N/76	Lab	-	-	-	-	-	-	Inactive	
83	Niton Analyzer	Thermo Scientific	Niton XL2	116432	TIL/N/77	Lab	Yearly	External	November 4, 2025	November 3, 2026	ARABCAL	09-C544134	Active	
84	Ultrasonic Flaw Detector	GE	USM 36	16860	TIL/N/79 (APTS/T/026)	Lab	Yearly	External	October 21, 2025	October 20, 2026	DELTA WYE	CRT79283N	Active	
85	Digital Light Meter	Peak Meter	PM6612L	H11H-158943	TIL/N/80	Lab	Yearly	External	August 8, 2025	August 7, 2026	VEETECH	CLD2225132.02	Active	
86	MPI Yoke	Magnafield Electronics & Engg. Pvt. Ltd	MF-ADY	11784	TIL/N/81	Lab	Yearly	External	July 25, 2025	July 24, 2026	MAGNAFIELD	MF-25-1200	Active	
87	MPI Yoke	Magnafield Electronics & Engg. Pvt. Ltd	MF-ADY	11785	TIL/N/82	Lab	Yearly	External	July 25, 2025	July 24, 2026	MAGNAFIELD	MF-25-1201	Active	
88	MPI Yoke	Magnafield Electronics & Engg. Pvt. Ltd	MF-ADY	11786	TIL/N/83	Lab	Yearly	External	July 25, 2025	July 24, 2026	MAGNAFIELD	MF-25-1202	Active	
89	MPI Yoke	Magnafield Electronics & Engg. Pvt. Ltd	MF-ADY	11787	TIL/N/84	Lab	Yearly	External	July 25, 2025	July 24, 2026	MAGNAFIELD	MF-25-1203	Active	
90	Ultrasonic Flaw Detector	GE	USM 35	6457a	TIL/N/85 (APTS/UT/024)	Lab	Yearly	External	October 21, 2025	October 20, 2026	DELTA WYE	CRT79284N	Active	
91	70kVA 6 Channel Transformer	Globe Heat UK	GHT70HTU	GT70-583	TIL/N/86	Lab	Yearly	External	September 18, 2025	September 17, 2026	VEETECH	CLD2225363.05	Active	
92	12 Point Temperature Chart Recorder	Globe Heat UK	EH3127-001 (GHT 2001)	EN-024XA0010	TIL/N/87	Lab	Yearly	External	September 18, 2025	September 17, 2026	VEETECH	CLD2225363.08	Active	
93	Thermocouple Attachment Unit	Globe Heat UK	GTW-V50	GTW-V50/3607	TIL/N/88	Lab	N/A	N/A	N/A	N/A	N/A	N/A	Active	
94	70kVA 6 Channel Transformer	Globe Heat UK	GHT70HTU	GT70-584	TIL/N/89	Lab	Yearly	External	September 18, 2025	September 17, 2026	VEETECH	CLD2225363.06	Active	
95	12 Point Temperature Chart Recorder	Globe Heat UK	EH3127-001 (GHT 2001)	EN-024XA0019	TIL/N/90	Lab	Yearly	External	September 18, 2025	September 17, 2026	VEETECH	CLD2225363.10	Active	
96	Thermocouple Attachment Unit	Globe Heat UK	GTW-V50	GTW-V50/3618	TIL/N/91	Lab	N/A	N/A	N/A	N/A	N/A	N/A	Active	
97	70kVA 6 Channel Transformer	Globe Heat UK	GHT70HTU	GT70-585	TIL/N/92	Lab	Yearly	External	September 18, 2025	September 17, 2026	VEETECH	CLD2225363.04	Active	
98	12 Point Temperature Chart Recorder	Globe Heat UK	EH3127-001 (GHT 2001)	EN-024XA0020	TIL/N/93	Lab	Yearly	External	September 18, 2025	September 17, 2026	VEETECH	CLD2225363.09	Active	
99	Thermocouple Attachment Unit	Globe Heat UK	GTW-V50	GTW-V50/3625	TIL/N/94	Lab	N/A	N/A	N/A	N/A	N/A	N/A	Active	
100	70kVA 6 Channel Transformer	Globe Heat UK	GHT70HTU	GT70-586	TIL/N/95	Lab	Yearly	External	September 18, 2025	September 17, 2026	VEETECH	CLD2225363.01	Active	
101	12 Point Temperature Chart Recorder	Globe Heat UK	EH3127-001 (GHT 2001)	EN-024XA0021	TIL/N/96	Lab	Yearly	External	September 18, 2025	September 17, 2026	VEETECH	CLD2225363.12	Active	
102	Thermocouple Attachment Unit	Globe Heat UK	GTW-V50	GTW-V50/3626	TIL/N/97	Lab	N/A	N/A	N/A	N/A	N/A	N/A	Active	
103	65kVA 6 Channel Transformer	Globe Heat UK	-	GT65-395	TIL/N/98	Lab	Yearly	External	Fault Report	Fault Report	VEETECH	Fault Report	Inactive	
105	65kVA 6 Channel Transformer	Globe Heat UK	-	GT65-396	TIL/N/99	Lab	Yearly	External	Fault Report	Fault Report	VEETECH	Fault Report	Inactive	
106	12 Point Temperature Chart Recorder	Globe Heat UK	EH100-12	EH-09XA089	TIL/N/100	Lab	Yearly	External	September 19, 2025	September 18, 2026	VEETECH	CLD2225363.18	Active	
107	12 Point Temperature Chart Recorder	FUJI	PHA98004-EAOYV	A3H4530T	TIL/N/101	Lab	Yearly	External	September 18, 2025	September 17, 2026	VEETECH	CLD2225363.14	Active	
108	PWHT Programmer	Mannings Thermal Engineers	-	BM-487	TIL/N/102	Lab	Yearly	External	September 18, 2025	September 17, 2026	VEETECH	CLD2225363.16	Active	
109	PWHT Programmer	Globe Heat UK	PTC160	160-1052	TIL/N/103	Lab	Yearly	External	September 18, 2025	September 17, 2026	VEETECH	CLD2225363.17	Active	
91	Ferritescope	Fischer Germany	FMP 30	100115478	TIL/M/11	Lab	Yearly	External	May 23, 2025	May 22, 2026	VEETECH	CLA2223991.01	Active	

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