EMIRATES
INDUSTRIAL LABORATORY L.L.C
Oilfield • Marine • Industrial

PRE-QUALIFICATION DOCUMENT

Testing • Inspection • Quality



EMIRATES INDUSTRIAL LABORATORY L.L.C

Accredited testing & inspection since 1984 • Inside Drydocks World, Dubai

www.eilab.ae

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Pre-Qualification Document — Emirates Industrial Laboratory L.L.C

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01 COMPANY PROFILE

Four Decades of Testing, Inspection & Engineering Excellence

Established in 1984. Built on technical expertise. Trusted across industries.

Emirates Industrial Laboratory L.L.C (EILAB) began its journey in 1984 as a captive materials testing laboratory within what is now Drydocks World Dubai. Over four decades, EILAB has evolved into an independent, multidisciplinary testing and inspection organisation, supporting industrial development, operational safety and quality assurance across the UAE and the wider GCC region.

Today, EILAB brings together metallurgy, mechanical testing, analytical chemistry, non-destructive testing (NDT), field inspection, asset integrity assessment, post-weld heat treatment (PWHT) and welding consultancy within an integrated technical environment.

One organisation. Multiple disciplines. A commitment to technical excellence.

Operating from its head office and laboratory within Drydocks World, Port Rashid, Dubai, and its operations base in ICAD 1, Abu Dhabi, EILAB serves clients across the oil and gas, petrochemical, marine, power, construction, engineering and environmental sectors.

With 24-hour machine-shop and sampling facilities, qualified technical professionals and accredited testing and inspection services, EILAB combines laboratory precision with practical field experience to support projects of varying scale and complexity.

Our approach is founded on technical competence, impartiality, professional integrity and a commitment to delivering reliable results.

EILAB at a Glance

40+	1M+	10+	7	200+
Years of industry experience	Tests completed	Countries – international project experience	Approvals & licences	Qualified professionals

Why EILAB

Integrated Technical Expertise
From laboratory analysis to field inspection and heat treatment, EILAB combines multiple technical disciplines under one organisation. This integrated approach improves coordination, simplifies communication and supports efficient project execution.

Accredited & Certified Operations
EILAB operates accredited testing and inspection activities under ISO/IEC 17025 and ISO/IEC 17020, supported by certified quality, environmental and occupational health and safety management systems.

Competent & Qualified Professionals
Our multidisciplinary workforce includes NDT technicians, Level III specialists, welding inspectors, metallurgists, chemists, laboratory professionals and inspection personnel holding internationally recognised qualifications.

Onshore, Offshore & Specialist Access
EILAB supports industrial operations across plants, fabrication yards, marine facilities, offshore installations and elevated structures through field inspection teams, rope access capabilities and on-site technical services.

Vision, Mission & Core Values

OUR VISION
To be a trusted centre of technical excellence, advancing quality, safety and responsible industrial development through integrated testing and inspection solutions that create lasting value for our customers and future generations.

OUR MISSION
To deliver reliable testing and inspection services through technical competence, integrity, innovation and teamwork, while promoting efficient resource utilisation, responsible practices and continuous improvement for the long-term benefit of our customers, industry and society.

Quality & Customer Satisfaction	Integrity & Professionalism	Safety	Leadership & Teamwork
Delivering technically reliable services that meet customer requirements and applicable standards.	Maintaining impartiality, ethical conduct, technical honesty and accountability in every assignment.	Protecting our people, customers and the environment through responsible operations and strict adherence to health and safety requirements.	Encouraging collaboration, effective communication, mutual respect and professional development.

Our Journey

1984	1995	2002	2013	2021	2022	2026
The Beginning Established as a materials testing laboratory within Drydocks World Dubai.	**Quality Management** Achieved ISO 9000 quality management certification.	**Laboratory Accreditation** Initial laboratory accreditation – the foundation for internationally recognised testing competence.	**Inspection Body Accreditation** ISO/IEC 17020 inspection body accreditation under EIAC IB-141.	**Operational Expansion** Reopened the Abu Dhabi operations base at ICAD 1.	**Industry Recognition** Achieved ADNOC approved vendor status.	**Continued Development** Maintained management-system certifications and expanded client approvals and pre-qualifications.

Industries We Serve

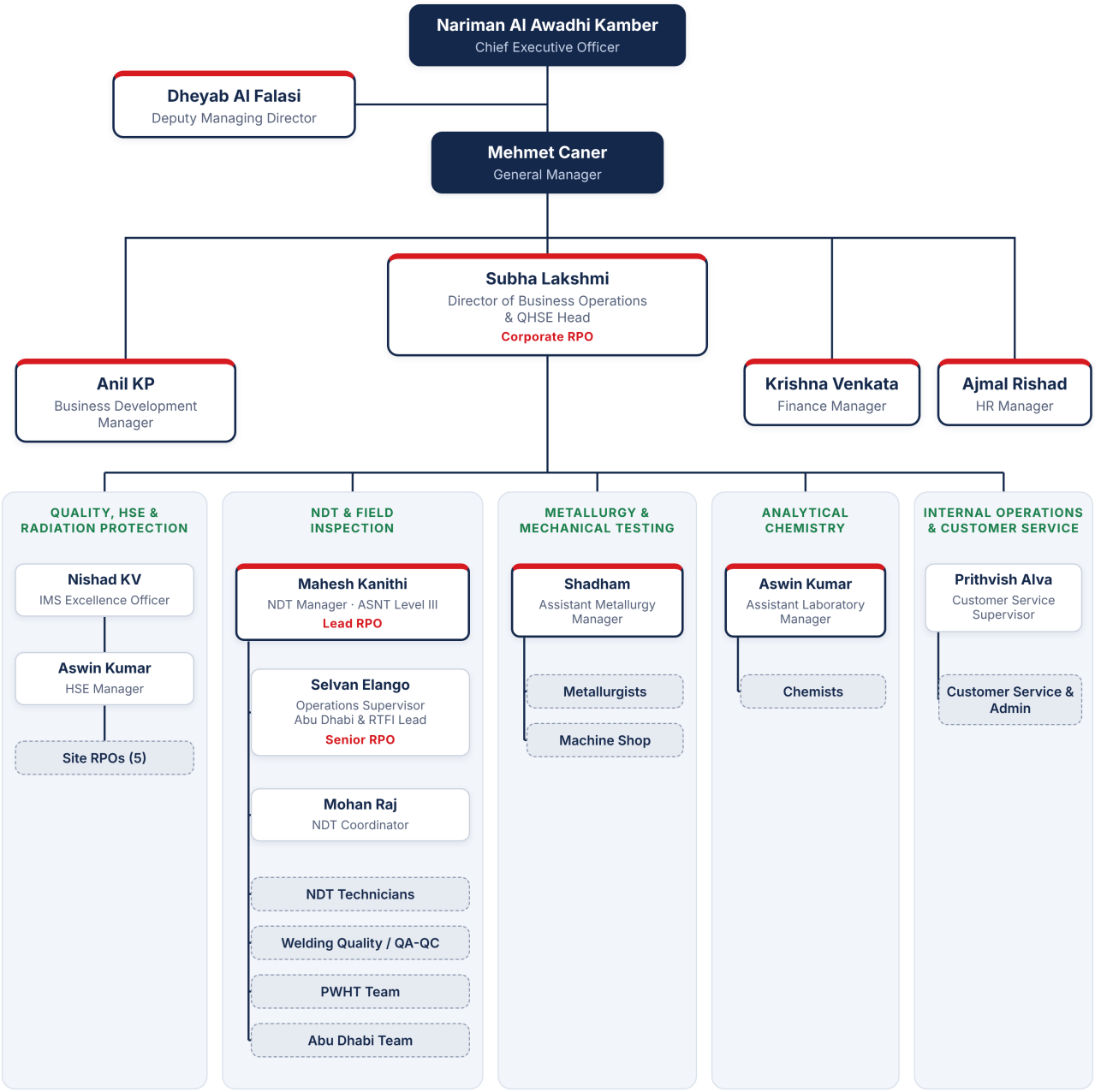
Oil & Gas and Petrochemicals Turnaround inspection, NDT, RBI and FFS for ADNOC group companies, ENOC, Qatargas, QP and GPIC; radiography of cross-country pipelines up to 48" and 240 km.	**Marine & Offshore** Yard-wide RT, NDT and lab testing for Drydocks World FPSO/FSO projects; NDT crews for Lamprell rigs; IRATA rope-access inspection offshore.	**Power & Energy** Five-year NDT and heat treatment contract with DEWA; NDT, PWHT and TPI for Noor Energy 1 (700 MW CSP) and the Sharjah and W2E power plants.
Construction & Infrastructure TPI and NDT for Expo 2020, Dubai Metro, Dubai International Airport expansion and Al Habtoor Tower; rope access and NDT for Ain Dubai.	**General Engineering** Fabrication QC and welding inspection for steel fabricators; failure analysis of drill pipe, pressure vessels, boilers, gears and shafts.	**Environmental Services** Analytical chemistry for water, effluents, scales, oils and fuels, with microbiology and environmental monitoring.

Trusted by Leading Organisations

Oil, Gas & Petrochemicals	ADNOC • ADGAS • ADMA-OPCO • Al Hosn Gas • GASCO • Takreer • Borouge • Bunduq • Dubai Petroleum • ENOC • Dolphin Energy • Qatar Petroleum • Qatargas • RAKGAS • Saudi Aramco • Kuwait Oil Company • Petroleum Development Oman • GPIC
EPC & Construction Contractors	NPCC • Petrofac • Saipem • Bechtel • CNPC • CEEC • Shanghai Electric • BESIX • ALEC • Expolink
Power, Utilities & Infrastructure	DEWA • ACWA Power • Noor Energy 1 • RTA Dubai • Abu Dhabi Airports
Marine & Shipyards	Drydocks World • Lamprell Energy

02 ORGANISATION & LEADERSHIP

Organisation Chart



Leadership

EILAB's leadership brings together decades of experience across government, finance, industry and technical services.



Nariman Abdulla Kamber Al Awadhi — Chief Executive Officer & Managing Director

30+ years | MSc Foreign Service, Georgetown University

Majored in International Energy and Resources (Washington, D.C., 1983). Over 30 years of service in the UAE Government at the Ministry of Finance and the Central Bank of the UAE.



Dheyab Bin Dheeban Al Falasi — Deputy Managing Director

24 years | Master's Degree in Finance

Cross-functional, cross-cultural experience spanning construction and contracting, general trading, business development and security services.



Mehmet Caner — General Manager

25+ years | With EILAB since 2019 | BS Physics, METU

International corporate leadership across the Middle East and the wider region. A turnaround General Manager focused on sustainable growth and business development, and EILAB's EIAC Authorised Representative.

Management Team



Subha Lakshmi — Director of Business Operations & QHSE Head · Corporate RPO

20+ years | With EILAB since 2018 | MSc Chemistry, Bachelor of Education

Directs business operations and the Integrated Management System (ISO 9001, 14001 and 45001), ISO/IEC 17020 and 17025 accreditation compliance, client approvals and prequalification. As Corporate RPO, also owns the FANR radiation protection programme.



KP Anil — Business Development Manager

25+ years | With EILAB since 2024 | Business

Develops client relationships, tenders and prequalifications across oil & gas, marine, power and infrastructure, and is the main commercial contact for enquiries.



Krishna Venkata — Finance Manager

40+ years | With EILAB since 2022 | CMA

Oversees financial control, budgeting, statutory and VAT compliance, and audit.



Mahesh Kanithi — NDT Operations & Technical Manager · Lead RPO

12+ years | With EILAB since 2023 | ASNT NDT Level III

Technical authority for NDT: procedures, technique approval, personnel qualification and certification, and site NDT operations. As Lead RPO, directs radiation safety at work sites.

Technical, Quality & HSE Leadership



Shadham Hussain — Assistant Metallurgy Manager

7+ years | With EILAB since 2025 | BE Metallurgy

Manages metallography, mechanical testing, welding qualification testing and failure investigation in the accredited laboratory.



Aswin Kumar Suyamburaj — Assistant Laboratory Manager · HSE Manager

12+ years | With EILAB since 2025 | B.Tech Biotechnology

Oversees chemical and instrumental analysis of oils and lubricants, water and wastewater, soil, air quality, metals (XRF and wet chemistry), food and cosmetics, using ICP-OES/MS, GC-MS/MS, LC-MS, HPLC, FTIR and UV-Vis. Also leads ISO/IEC 17025 compliance, method validation and QA, and the company-wide HSE programme.



Nishad Koderi Valappil — Integrated Management Systems Excellence & NMAC Officer

With EILAB since 2025 | MSc Industrial Chemistry

Lead Auditor for ISO/IEC 17020 and 17025; internal auditor for ISO 9001, 14001 and 45001. Coordinates FANR nuclear security and safeguards, personal dosimetry and dose records, HSE audits and accreditation documentation.



Selvan Elango — Operations Supervisor (Abu Dhabi) & RTFI Lead · Senior RPO

22+ years | With EILAB since 2020 | NDE Level II

Supervises Abu Dhabi field operations and radiographic film interpretation; as Senior RPO, oversees radiation safety on site.

Radiation Protection Organisation

Industrial radiography is carried out under FANR licence FANR/2016/138, supported by a structured network of Radiation Protection Officers.

CORPORATE RPO	LEAD RPO	SENIOR RPO	SITE RPOs
Subha Lakshmi	Mahesh Kanithi	Selvan Elango	5 qualified RPOs

Supporting Roles

HR MANAGER	NDT COORDINATOR	CUSTOMER SERVICE SUPERVISOR
Ajmal Rishad	Mohan Raj	Prithvish Alva

Team Qualifications & Specialist Capabilities

Our technical staff hold internationally recognised qualifications, maintained under EILAB's competence and training programme, and operate specialist techniques and equipment.

ASNT & ISO 9712 NDT Level II / III	**ISO 9712 DR & CR** Digital & computed radiography team	**PCN PAUT** Phased array ultrasonic testing team	**Close-Proximity RT** Low-exclusion-zone radiography (SafeRad)
Advanced PWHT Fleet of 50+ electrical resistance heating machines	**Heat Treatment** Annealing, normalising, quenching & tempering	**API 510 / 570 / 653** Plant inspection	**CSWIP 3.1 & AWS CWI** Welding inspection
NACE / BGAS Coating inspection	**IRATA** Rope access	**ISO/IEC 17020 & 17025** Lead auditors	**FANR RPO** Radiation protection

03 CERTIFICATIONS & ACCREDITATIONS

Internationally Recognised Standards. Independently Verified Competence.

At Emirates Industrial Laboratory L.L.C (EILAB), quality, technical competence, impartiality and operational integrity form the foundation of our testing and inspection services.

Our laboratory and inspection activities operate under internationally recognised accreditation frameworks, supported by certified management systems covering quality, environmental responsibility, and occupational health and safety, and licensed by the Federal Authority for Nuclear Regulation (FANR) for radiation practices.

These accreditations and certifications demonstrate EILAB's commitment to delivering technically reliable results, maintaining consistent service standards, protecting people and the environment, and continually improving operational performance.

Our Accreditations

ISO/IEC 17025:2017 — Testing Laboratory Accreditation

ACCREDITATION BODY	ACCREDITATION NO.	INITIALLY ACCREDITED
Emirates International Accreditation Centre (EIAC)	**LB-TEST-018**	**2002**

EILAB has held laboratory accreditation since 2002, reflecting its longstanding commitment to technical competence, reliable testing methods, measurement traceability and the integrity of test results.

The accreditation framework addresses personnel competence, validated testing methods, equipment suitability, measurement traceability, quality assurance and the reliability of reported results.

Evidence: *Appendix A-1 – EIAC accreditation certificate and scope*

ISO/IEC 17020:2012 — Inspection Body Accreditation

ACCREDITATION BODY	ACCREDITATION NO.	INITIALLY ACCREDITED
Emirates International Accreditation Centre (EIAC)	**IB-141**	**2013**

EILAB has held inspection body accreditation since 2013, demonstrating its commitment to impartiality, technical competence and consistent inspection practices across its accredited activities.

The accreditation reinforces confidence in the independence, consistency and technical integrity of EILAB's inspection services, supported by established procedures, qualified personnel and impartial decision-making.

Evidence: *Appendix A-2 – EIAC accreditation certificate and scope*

Marine Classification Approval

DNV — Approval of Service Suppliers – Non-Destructive Testing

APPROVAL BODY	CERTIFICATE NO.	CLASS PROGRAMME
DNV	**AOSS0000GHR**	**DNV-CP-0640**

EILAB is a DNV-approved service supplier for non-destructive testing on classification projects. The approval is accepted for use with all rule sets published by DNV, supporting shipbuilding, conversion, repair and offshore projects under DNV class.

Approved methods: magnetic particle (MT), penetrant (PT), ultrasonic (UT) and radiographic testing (RT) – including digital radiography and radiographic film interpretation – performed to DNV-approved EILAB procedures by approved supervisors and technicians.

Evidence: *Appendix A-6 – DNV approval certificate*

Radiation Regulatory Licence

FANR — Licence to Conduct a Regulated Activity Involving Regulated Material

REGULATORY AUTHORITY	LICENCE NO.	VALID UNTIL
Federal Authority for Nuclear Regulation (FANR)	**FANR/2016/138.6**	**26 July 2027**

EILAB is licensed by the UAE Federal Authority for Nuclear Regulation (FANR) under Federal Law by Decree No. 6 of 2009 concerning the Peaceful Uses of Nuclear Energy. The licence authorises the possession, use, storage, import, export and transport of regulated material for industrial radiography and analytical techniques.

Authorised inventory includes sealed gamma sources (Iridium-192, Selenium-75, Cobalt-60 and Caesium-137), portable gamma projectors, portable X-ray generators and XRF analysers, with EILAB's permanent source storage facility located within DryDocks World, Dubai. All radiation work is controlled through EILAB's radiation protection programme, overseen by a Corporate Radiation Protection Officer and qualified site RPOs.

Evidence: *Appendix A-7 – FANR licence, authorised inventory and licence conditions*

Our Management System Certifications

EILAB's Integrated Management System is certified by SGS, covering inspection, testing and analytical services for projects, engineering materials, fluids and related equipment for the offshore and onshore oil & gas, marine, power and infrastructure industries. The organisation has held management system certification since 2019.

ISO 9001:2015
Quality Management System

Certification body SGS
Certificate no. AE26/00000230
Certified since 2019

EILAB's Quality Management System provides a structured framework for meeting customer requirements, managing operational processes, evaluating performance and driving continual improvement. The certification reflects our commitment to consistent service delivery, customer satisfaction and effective organisational governance.

Evidence: *Appendix A-3 – SGS certificate*

ISO 14001:2015
Environmental Management System

Certification body SGS
Certificate no. AE26/00000229
Certified since 2019

Environmental responsibility is integrated into EILAB's operational management through the identification and control of environmental aspects, responsible resource utilisation, waste management and pollution prevention – minimising environmental impacts while delivering essential industrial testing and inspection services.

Evidence: *Appendix A-4 – SGS certificate*

ISO 45001:2018
Occupational Health & Safety Management System

Certification body SGS
Certificate no. AE26/00000228
Certified since 2019

A systematic approach to identifying workplace hazards, assessing risks and implementing preventive controls. Through employee participation, operational monitoring, competency development and continual improvement, EILAB promotes safe working conditions across laboratory facilities, inspection sites and industrial operations.

Evidence: *Appendix A-5 – SGS certificate*

Accreditation & Certification Summary

Standard	Scope	Body	Certificate no.	Since	Appendix
ISO/IEC 17025:2017	Testing laboratory	EIAC	LB-TEST-018	2002	A-1
ISO/IEC 17020:2012	Inspection body	EIAC	IB-141	2013	A-2
ISO 9001:2015	Quality management	SGS	AE26/00000230	2019	A-3
ISO 14001:2015	Environmental management	SGS	AE26/00000229	2019	A-4
ISO 45001:2018	Occupational health & safety	SGS	AE26/00000228	2019	A-5
DNV-CP-0640	NDT service supplier (marine class)	DNV	AOSS0000GHR	–	A-6
FANR Licence	Radiation practices (industrial radiography, analytical)	FANR	FANR/2016/138.6	–	A-7

Current validity of each certificate is shown on the certificates in Appendix A.

Our Commitment to Excellence

EILAB maintains an Integrated Management System that brings together quality assurance, environmental management, occupational health and safety, and technical competence.

Through independent assessments, internal audits, competency monitoring and continual improvement, we work to ensure that every service reflects the confidence our clients place in us.

Accredited competence. Certified systems. Trusted results.

04 CORPORATE POLICIES & COMMITMENTS

Our Principles. Our Responsibility. Our Commitment.

At Emirates Industrial Laboratory L.L.C. (EILAB), our corporate policies establish the principles that guide our decisions, technical activities and professional responsibilities.

Our Integrated Management System brings together quality, environmental management, occupational health and safety, and technical competence under a unified framework. These commitments are embedded in our daily operations and supported by management oversight, employee participation, periodic evaluations and continual improvement.

Our Policy Commitments

Quality & Technical Excellence

We are committed to delivering accurate, reliable and technically competent testing and inspection services. Our Quality Policy emphasises customer satisfaction, compliance with applicable standards, professional competence and continual improvement.

Environmental Responsibility

We recognise our responsibility to minimise the environmental impact of our operations. Our Environmental Policy promotes pollution prevention, responsible resource utilisation, effective waste management and sustainable operational practices.

Occupational Health & Safety

The health, safety and wellbeing of our employees, clients, contractors and other stakeholders remain fundamental priorities. Our Occupational Health & Safety Policy focuses on hazard identification, risk prevention, safe working conditions and active workforce participation.

Impartiality, Integrity & Confidentiality

We uphold independence, objectivity and professional integrity in our testing and inspection activities. Our operational controls are designed to safeguard impartial decision-making, protect confidential information and maintain the trust placed in our technical findings.

Leadership & Continual Improvement

Our management promotes a culture of accountability, competence, transparency and shared responsibility. Through training, internal audits, performance monitoring and management reviews, we continually strengthen our systems and service delivery.

Business Conduct & Ethics

EILAB's Code of Business Conduct and Ethics, set out in the Human Resources Manual and Procedure (EILAB-QSM-005), applies to every employee. It is introduced at induction, reinforced through the Employee Handbook, and acknowledged in writing by each employee.

Anti-Bribery & Anti-Corruption
Zero tolerance of fraud, bribery and corruption in any form, including facilitation payments. Gifts or hospitality to government officials require prior written approval from the General Manager, and any gift received must be declared within 14 days.

Conflicts of Interest
Employees must avoid any activity or relationship that could compromise, or appear to compromise, their objective judgement. Decisions are made in the best interests of the Company and its clients, not personal benefit.

Confidentiality & Non-Disclosure
Every employee signs a Non-Disclosure Agreement (EILAB-FORM-H009) on joining. Client and technical information is accessed on a need-to-know basis, and confidentiality obligations continue after employment ends.

Equal Opportunity & Respect at Work
Employment decisions are based on merit and business needs. Discrimination, harassment, bullying and workplace violence are not tolerated, and every employee is to be treated with courtesy and respect.

Human Rights & Fair Employment
EILAB supports the principles of the UN Universal Declaration of Human Rights. Recruitment is fair and ethical, employment offers are explained in a language the worker understands, and workers have freedom of movement outside working hours.

Whistleblowing & Speak-Up
Employees are encouraged to report malpractice – including legal breaches, safety hazards and environmental damage – to HR or their Department Head, with escalation to the General Manager. Genuine concerns are treated confidentially and protected from reprisal.

Grievance Resolution
A confidential, structured grievance process allows any employee to raise concerns with their supervisor, line management or HR, with a clear escalation path and recorded outcomes.

Drug, Alcohol & Weapon-Free Workplace
Reflecting the safety-critical nature of our work, the use or influence of alcohol or drugs at work and the possession of weapons on Company premises are prohibited.

Supporting Policy Documents

Document	Reference	Covers
Human Resources Manual and Procedure	EILAB-QSM-005, Rev. 01	Recruitment, employment terms, code of conduct, business ethics, anti-bribery, whistleblowing, grievance, discipline, training and development
Employee Handbook	EILAB-FORM-H024, Rev. 01	Day-to-day conduct, site and PPE rules, working hours, leave and grievance guidance for all employees
Non-Disclosure Agreement	EILAB-FORM-H009	Confidentiality undertaking signed by every employee at joining

Copies of EILAB's policies are available to clients on request.

Our Commitment

To deliver dependable technical services while protecting people, respecting the environment and maintaining the highest standards of professional integrity.

Our Principles. Our Responsibility. Our Commitment.

05 APPROVALS & CLIENT REGISTRATIONS

Recognised by Industry. Trusted Across Sectors.

Emirates Industrial Laboratory L.L.C. (EILAB) maintains approvals, prequalifications and registrations with regulatory authorities, major industrial operators, government entities and internationally recognised classification societies.

These credentials reflect our technical capabilities, regulatory compliance and ability to meet the demanding requirements of the oil and gas, marine, offshore, energy and infrastructure sectors.

Our established relationships with industry stakeholders support the delivery of specialised testing, inspection and engineering services across the UAE and the wider region.

5	25	AED 10M	2029
APPROVALS HELD	ADNOC WORK GROUPS	RTA VALUE LIMIT	DNV & RTA VALIDITY

5.1 Industry Approvals & Prequalifications

ADNOC — Abu Dhabi National Oil Company

SUPPLIER ID	STATUS	PRE-QUALIFIED WORK GROUPS
10000500	Pre-qualified	25

EILAB is registered and prequalified with ADNOC for specialised testing, inspection and related technical services.

Our registered work groups include non-destructive testing, laboratory testing, inspection, post-weld heat treatment and associated industrial services, supporting quality assurance and asset integrity requirements across the energy sector.

Grade A work groups include plant inspection & engineering consultancy, NDT – radiographic digitisation, corrosion inspection, eddy current testing of heat exchangers, metallurgical & coating material testing, inspection of tanks and vessels, international third-party inspection, thermographic survey and post-weld heat treatment.

Evidence: *Appendix A-9 – ADNOC supplier registration and pre-qualified work groups*

DNV — Approved Service Supplier

APPROVAL REFERENCE	APPLICABLE PROGRAMME	VALID UNTIL
AOSS0000GHR (Rev. 5)	DNV-CP-0640	31 May 2029

EILAB is recognised by DNV as an approved service supplier for non-destructive testing on classification projects.

The approval encompasses specified NDT techniques, including Magnetic Particle Testing (MT), Penetrant Testing (PT), Ultrasonic Testing (UT), Radiographic Testing (RT) and Digital Radiography, within the approved scope.

This recognition supports EILAB's participation in marine and offshore inspection activities where compliance with classification society requirements is essential.

Evidence: *Appendix A-6 – DNV approval certificate*

RTA — Roads & Transport Authority, Dubai

REGISTRATION NO.	VALUE LIMIT	VALID UNTIL
A020-2114157	AED 10,000,000	24 June 2029

EILAB is prequalified by the Roads & Transport Authority, Dubai, under the Public Transport Agency's Maintenance & Services category for Equipment Safety Inspection, Testing and Certification.

This prequalification demonstrates EILAB's capability to support equipment safety, technical inspection and compliance requirements within the transport and infrastructure sectors.

Evidence: *Appendix A-8 – RTA prequalification certificate*

5.2 Regulatory Authorisations

FANR — Federal Authority for Nuclear Regulation

AUTHORITY	LICENCE REFERENCE	VALID UNTIL
Federal Authority for Nuclear Regulation	**FANR/2016/138.6**	**26 July 2027**

EILAB holds regulatory authorisation from the Federal Authority for Nuclear Regulation for specified industrial radiography and analytical activities involving regulated radiation sources.

These activities are conducted under established radiation protection, source security, personnel monitoring and operational safety arrangements, in accordance with applicable regulatory requirements.

Evidence: *Appendix A-7 – FANR licence, authorised inventory and licence conditions*

5.3 In-Country Value (ICV) Certification

ICV — UAE In-Country Value Programme

EILAB participates in the UAE's In-Country Value programme, reflecting its contribution to the national economy through local operations, employment, procurement and industrial service capabilities.

The ICV certification supports participation in procurement opportunities where national value creation forms part of supplier evaluation.

5.4 Summary of Approvals & Registrations

Authority / Organisation	Approval / Registration	Reference	Valid Until	Appendix
ADNOC	Registered and pre-qualified supplier	10000500	Active	A-9
DNV	Approved NDT Service Supplier (DNV-CP-0640)	AOSS0000GHR	31 May 2029	A-6
RTA Dubai	Equipment Safety Inspection, Testing & Certification	A020-2114157	24 June 2029	A-8
FANR	Industrial Radiography & Radiation Source Authorisation	FANR/2016/138.6	26 July 2027	A-7
UAE ICV Programme	In-Country Value Certification	As per current certificate	–	–

5.5 Commitment to Regulatory & Client Requirements

EILAB maintains its approvals and registrations through compliance monitoring, periodic assessments, technical competency development and adherence to applicable regulatory and contractual requirements.

Our operational framework supports the evolving expectations of regulatory authorities, industry operators and classification societies, enabling us to deliver dependable services across diverse industrial environments.

Recognised capabilities. Responsible operations. Confidence in every inspection.

06 TECHNICAL TESTING, INSPECTION & ENGINEERING CAPABILITIES

Integrated Technical Solutions. From Material Qualification to Asset Integrity.

Emirates Industrial Laboratory L.L.C. (EILAB) provides comprehensive testing, inspection and engineering services supporting the complete lifecycle of industrial materials, equipment, structures and assets.

Combining accredited laboratory testing, conventional and advanced non-destructive examination, specialised field inspection and engineering expertise, EILAB delivers integrated technical solutions to the oil and gas, petrochemical, marine, offshore, power generation, construction and infrastructure sectors.

Our multidisciplinary teams include qualified NDT personnel, metallurgists, chemists, welding inspectors, corrosion specialists and engineering professionals, supported by established procedures, specialised equipment and international technical standards.

Our Core Technical Disciplines

Technical Discipline	Principal Capabilities
Non-Destructive Testing (NDT)	Conventional and advanced NDT – Digital and Computed Radiography, close-proximity (SafeRad) radiography, PAUT, TOFD, ultrasonic, magnetic particle, penetrant, eddy current and PMI (LIBS / XRF)
Mechanical Testing	Tensile, bend, impact, hardness, compression and fracture testing; welder and welding procedure qualification
Metallurgy & Failure Analysis	Metallography, microstructural examination, in-situ replica testing, material characterisation and root-cause failure investigation
Chemical & Analytical Testing	Metal analysis; water, oil, fuel and industrial fluids; environmental samples and microbiological testing
Corrosion & Materials Evaluation	HIC, SSC, SCC, intergranular corrosion, pitting and crevice corrosion, and material degradation assessment
Industrial & Third-Party Inspection	API 510 / 570 / 653 plant inspection, CSWIP / AWS welding inspection, pressure equipment, piping, storage tanks, structures, pull-out / pull-off and torque inspection, and QA/QC surveillance
Asset Integrity & Engineering	Risk-Based Inspection, Fitness-for-Service, remaining life assessment, condition monitoring and corrosion evaluation
Post-Weld Heat Treatment (PWHT)	Preheating, stress relieving, annealing, normalising, quenching and tempering – fleet of 50+ portable PWHT units
Industrial Rope Access	IRATA-supported inspection of elevated, offshore and difficult-to-access structures

EIAC accreditation (ISO/IEC 17025 – LB-TEST-018; ISO/IEC 17020 – IB-141) applies only to the activities listed in the approved scopes in Appendix A-1 and A-2.

Our Technical Approach

EILAB combines laboratory analysis, field inspection and engineering evaluation to provide clients with a coordinated approach to quality assurance and asset reliability.

From initial material verification and welding qualification to construction inspection, commissioning, in-service monitoring and failure investigation, our services support informed technical decisions throughout an asset's operational life.

Our capabilities are delivered in accordance with applicable international codes, client specifications and regulatory requirements, with accredited activities performed within their respective approved scopes.

One Technical Partner. Multiple Disciplines. Reliable Results.

6.1 Non-Destructive Testing — Conventional & Advanced

EILAB performs conventional and advanced NDT in its laboratory and at site – onshore, offshore and on marine vessels – across the UAE and the GCC. Examinations are carried out by ASNT and PCN / ISO 9712 Level II technicians under the guidance of Level III NDE advisors, to approved written procedures and the applicable codes and client specifications.

Industrial radiography is performed under EILAB's FANR licence, and EILAB is a DNV-approved service supplier for MT, PT, UT and RT (including Digital Radiography) on classification projects.

Conventional NDT	Advanced NDT
▪ Visual inspection (direct & remote) ▪ Borescopic examination ▪ X-ray and gamma-ray radiography ▪ Close-proximity radiography (SafeRad) & SCAR ▪ Ultrasonic flaw detection & thickness gauging ▪ Eddy current testing ▪ Magnetic particle inspection (visible & fluorescent) ▪ Liquid penetrant testing ▪ Vacuum box testing ▪ Magnetic flux leakage (MFL)	▪ Phased array UT (PAUT) ▪ Time-of-flight diffraction (TOFD) ▪ Digital Radiography (DR) & film digitisation ▪ Computed Radiography (CR) ▪ Pulsed eddy current (PEC) ▪ IRIS / ECT / RFET / PSEC for heat exchanger tubes ▪ Long-range UT (LRUT) for inaccessible or buried pipelines ▪ Corrosion mapping & CUPS inspection ▪ Leak testing & acoustic emission testing

Specialised Inspection Technologies

Digital Radiography (DR)

Digital radiographic inspection using flat-panel and flexible detector technologies, providing rapid image acquisition, digital evaluation and electronic record management. Applicable examinations are performed in accordance with recognised standards, including ISO 17636-2, where specified.

SafeRad Close-Proximity Radiography

Specialised radiographic techniques using engineered shielding arrangements to support inspection in operational industrial environments. Controlled areas and radiation protection measures are established through approved procedures, site-specific assessments and radiation surveys.

OmniScan X4 – PAUT

Portable multi-technology flaw detector for phased array, TOFD and total focusing method (TFM) weld and corrosion inspection.

PMI – LIBS + XRF

SciAps Z-902 LIBS and X-505 XRF handheld analysers identify and sort alloys – including carbon down to 70 ppm with instant carbon equivalent – before and after fabrication.

Accredited Inspection Methods — ISO/IEC 17020 (EIAC IB-141, Type A)

New-construction and in-service inspection of welds, materials, metallic products and steel wire ropes, as listed in the current EIAC scope of accreditation (Appendix A-2).

Inspection Method	Inspection Criteria
Liquid penetrant (visible & fluorescent)	ASME Section V | BS EN ISO 3452-1
Magnetic particle (visible & fluorescent)	ASME Section V | BS EN ISO 17638
Ultrasonic flaw detection	ASME Section V | BS EN ISO 17640 | AWS D1.1
Phased array ultrasonic testing (PAUT)	ASME Section V | ASTM E2700 | BS EN ISO 13588
Ultrasonic thickness measurement	ASME Section V | BS EN ISO 16809
Radiographic examination (RT)	ASME Section V | BS EN ISO 17636-1 | AWS D1.1
Visual examination (direct & remote)	ASME Section V | BS EN ISO 17637
Paint coating thickness	SSPC PA-9
Magnetic inspection of wire ropes (MRT)	ASTM E1571 | ISO 4309 | EN 12927 | EN 13414 | IMCA LR 004 | HSSE 023 | M 197 | SABS 0293 | ASME B30.9 | ANSI B77.1
Hardness testing (portable)	ASTM E110 | ASTM A956
PMI – metal identification & sorting	ASTM E1476

Inspection Method	Inspection Criteria
Spectrometric testing	ASTM E415 | ASTM E1086
Ferrite measurement	ASTM A800 | BS EN ISO 8249
Leak testing	ASME Section V

Note: Methods not listed above – including Digital Radiography, TOFD and other advanced techniques – are performed to qualified procedures but fall outside the current EIAC accreditation scope.

6.2 Mechanical Testing & Welding Qualification

EILAB's mechanical testing laboratory, accredited by EIAC to ISO/IEC 17025:2017 (LB-TEST-018) since 2002, tests ferrous and non-ferrous materials in the base and welded condition to international standards. Specimens are prepared in our in-house machine shop and sampling facility, supported by flexible operational arrangements.

Mechanical Tests	Welding Qualification
▪ Tensile – ambient & elevated temperature (yield, UTS, elongation, modulus) ▪ Bend & re-bend – 3 and 4 point, longitudinal / transverse ▪ Nick-break & fracture tests on welded joints ▪ Charpy impact – ambient to cryogenic temperatures ▪ Hardness – Brinell, Rockwell, Vickers; micro-hardness ▪ Compression, flattening and load tests ▪ Proof load & wedge tensile testing of fasteners ▪ On-site Leeb hardness and ferrite measurement	▪ Base material tests for compliance with specification ▪ Welder qualification tests (WQT / WPQ) ▪ Procedure qualification records (PQR) for WPS ▪ Codes & class rules: ASME IX, AWS D1.1, API 1104, ISO 15614, DNV, LR, ABS, ClassNK, IRS, RINA ▪ Typical test package: RT, UT, PT, MT, tensile, bend, Charpy, macro-etch, hardness survey and microstructure

Accredited Tests — ISO/IEC 17025 (EIAC LB-TEST-018)

Test	Material / Product	Standard
Tensile test	Steel, aluminium	ASTM A370 | BS EN ISO 6892-1 | ASTM B557
Bend test	Steel; welded samples	ASTM A370 | BS EN ISO 5173
Charpy impact test	Steel; welded samples	ASTM E23 | BS EN ISO 148-1 | BS EN ISO 9016
Hardness – Vickers & Rockwell	Steel; welded joints	ASTM E92 | BS EN ISO 6507-1 | ASTM E18 | BS EN ISO 6508 | EN ISO 9015-1
Transverse tensile & macro examination	Welded samples	BS EN ISO 4136 | BS EN ISO 17639
Mechanical tests on welded test coupons to welding qualification codes	Welded samples	ASME IX | AWS D1.1 / D1.2 / D1.6 | API 1104 | BS EN ISO 15614-1
Proof load & wedge tensile	Bolts, screws, studs & nuts	BS EN ISO 898-1 | BS EN ISO 898-2
Dry film thickness	Coated metallic materials	ASTM D7091

Note: the accreditation covers the laboratory tests listed above. Welder and welding procedure qualification, including witnessing and issue of qualification records, is provided as a technical service and is not presented as an accredited certification activity.

6.3 Metallurgy, Material Characterisation & Failure Analysis

Our metallurgists examine the structure and condition of metals to confirm material quality, assess service damage and establish why components fail. Laboratory work is complemented by in-situ replica metallography and hardness testing on operating plant.

Metallography & Characterisation	Failure Analysis
▪ Optical microscopy with digital imaging ▪ Microstructural evaluation & grain size ▪ Inclusion rating, volume fraction & ferrite content ▪ Coating thickness & case depth ▪ (De)carburisation & thermal damage	▪ Root-cause investigation combining mechanical, metallurgical and chemical testing with in-house NDT ▪ Fractography and damage-mechanism identification ▪ Reports with investigation details, causes of failure and remedial recommendations

Metallography & Characterisation	Failure Analysis
▪ In-situ replica metallography for boiler, heat exchanger, reactor and furnace tubes	▪ Serving steel manufacturers, insurers, engineering companies, heavy & petroleum industries and government bodies

EIAC-accredited (ISO/IEC 17025): average grain size (ASTM E112), volume fraction by point count (ASTM E562) and macroscopic examination of welds (BS EN ISO 17639).

Metallurgical Microscopy

Olympus BX53M metallurgical microscope with digital imaging for microstructure, grain size and inclusion analysis.

Universal Hardness Testing

Innovatest NEXUS 7700 G2 (Brinell, Vickers, Rockwell) with 11-megapixel camera, testing to ASTM and ISO standards.

6.4 Chemical & Analytical Testing

Our chemistry department analyses metals, oils, gases, drilling fluids, chemicals, geological samples, mud and effluents, and supports industry with consultancy on elemental composition, comparison of results, investigation, and independent technical evaluation and material selection support.

Tests We Perform	Analytical Instruments
▪ Metals and alloys – composition & grade verification ▪ Precious metals; ores, minerals & geochemistry ▪ Scales and deposits; refractories ▪ Water – drinking, ground, surface, waste, storm, grey and ballast water ▪ Effluent & sludge ▪ Soil, cement & fly ash ▪ Drilling fluids & mud; industrial effluents ▪ Oils & fuels – crude to lubricating oil; product verification and contamination checks ▪ Lubricating oil wear monitoring ▪ Paints and coatings ▪ Corrosion inhibitors & defoamers ▪ Asbestos (polarised light microscopy)	▪ Optical emission spectrometer (OES) – incl. C, P, S and N ▪ ICP-OES & atomic absorption (AAS) – 70+ elements, ppb to % ▪ FTIR spectroscopy ▪ Gas chromatography (GC) ▪ Handheld LIBS & XRF analysers (SciAps Z-902 / X-505) ▪ Melting & dropping point; thermal analysis / calorimetry ▪ Flash point tester, fuel analyser and Karl Fischer titrator ▪ Digital refractometers ▪ pH, conductivity & DO meters; automatic titrators ▪ Laboratory information management system (LIMS)

Microbiology

Bacterial counts and identification in drinking, process and oil-field water; biocide evaluation, COD and BOD.

Environmental Monitoring

Ambient air and stack emission monitoring, dust and noise level surveys, and organic pollutant analysis.

Field Laboratory

Field chemists provide in-situ PMI, sampling and analysis at onshore and offshore sites.

Consultancy

Interpretation of results, investigation support, and independent technical evaluation and material selection support.

EIAC-accredited (ISO/IEC 17025): chemical analysis of carbon steel (ASTM E415) and austenitic stainless steel (ASTM E1086) by spark atomic emission spectrometry. Other analyses are performed to recognised methods outside the accreditation scope.

6.5 Corrosion Testing & Materials Evaluation

EILAB evaluates the resistance of metals and alloys to corrosion and environmentally assisted cracking, supporting material selection, qualification of sour-service materials and the assessment of in-service degradation.

Corrosion Test	Standard / Method	EIAC Scope
Pitting & crevice corrosion	ASTM G48 (Method A)	✔ Accredited
Intergranular corrosion (IGC)	ASTM A262 (Practice E)	✔ Accredited
Intergranular corrosion – other practices	ASTM A262 | ASTM G28 | ASTM G67	–
Hydrogen-induced cracking (HIC)	NACE TM0284	–
Sulfide stress cracking (SSC)	NACE TM0177	–

Corrosion Test	Standard / Method	EIAC Scope
Stress corrosion cracking (SCC)	Sulfide, chloride and other halide environments	–
Detrimental intermetallic phases (duplex SS)	ASTM A923	–
Fracture toughness	CTOD | K1C (plane-strain fracture toughness)	–

Laboratory results are combined with field corrosion surveys, wall-thickness and corrosion mapping, and metallurgical examination to give a complete picture of material condition.

6.6 Industrial Inspection & QA/QC Services

Experienced plant, welding and quality inspectors support shutdowns, new construction and in-service inspection at refineries, gas plants, power plants, tank farms, fabrication yards, shipyards and offshore installations. EILAB provides independent inspection and QA/QC services through qualified personnel and established technical procedures. Activities included in the EIAC-approved inspection scope are performed under EILAB's ISO/IEC 17020 accreditation, while other services follow applicable contractual and technical requirements.

API Inspection	Welding Inspection	Quality Inspection
▪ API 510 – pressure vessels ▪ API 570 – piping systems ▪ API 653 – storage tanks ▪ API 580 – risk-based inspection	▪ CSWIP / AWS inspectors, ASNT NDT Level II ▪ Drawing, symbol & WPS review ▪ Visual inspection of welds ▪ Surface crack detection (PT / MT) ▪ Radiographic & ultrasonic weld inspection	▪ MTR & quality document review ▪ Drawing review ▪ Visual & dimensional inspection ▪ Third-party & vendor inspection ▪ QA/QC surveillance & manpower supply

Shutdown & Turnaround Support
Multi-discipline inspection teams mobilised for planned and emergency shutdowns, with NDT, metallurgy and PWHT support from a single provider.

Wire Rope Inspection
Magnetic rope testing (MRT) of steel wire ropes on cranes, lifting equipment and offshore installations – within EILAB's ISO/IEC 17020 accredited scope.

Pull-Out & Pull-Off Testing
On-site pull-out testing of anchors, fixings and bolts, and pull-off adhesion testing of protective coatings and linings.

Torque Inspection
Verification of bolt tightening on flanged and structural bolted joints using calibrated torque equipment, with documented results.

6.7 Asset Integrity & Engineering Services

EILAB provides inspection and engineering support at every stage of an asset's life cycle – design, procurement and construction, manufacturing and installation, commissioning, operation, modification and decommissioning – for refineries and platforms, storage tank farms, power plants, chemical and fertiliser plants and pharmaceutical facilities.

Our Services	Assets We Service
▪ In-service inspection & monitoring ▪ Corrosion survey & extent-of-deterioration assessment ▪ Remaining life assessment ▪ Structural stability assessment ▪ Fitness-for-service evaluation ▪ Condition & coatings assessment	▪ Tanks, pressure vessels and piping ▪ Chillers & heat exchangers ▪ Distillation columns ▪ Water treatment equipment ▪ Pumps & evaporators ▪ Jacketed vessels, reactors, separators, air receivers and desalters

Risk-Based Inspection
Inspection plans developed by experienced plant inspectors based on probability and consequence of failure, in accordance with API RP 580 and 581.

Fitness-for-Service
FFS and remaining life assessment to API 579-1 / ASME FFS-1 and BS 7910 flaw assessment, with a clear repair, inspection and mitigation programme.

Inspection Techniques
Conventional and advanced NDT, in-situ metallography and hardness, combined with IRATA rope access for difficult locations.

In-Line Inspection (ILI)
Pipeline inspection using MFL and ultrasonic intelligent pigs to record wall loss, cracks and dents without interrupting operation – for carbon steel, stainless steel, HDPE and GRP/GRE lines, bare, coated, insulated or lined, subsea or above ground.

Corrosion Survey & Coating Assessment
Corrosion mapping, thickness surveys and coating condition assessment to establish the extent of deterioration and plan repair or re-coating.

6.8 Post-Weld Heat Treatment & Thermal Processing

With a fleet of over 50 PWHT machines and highly skilled technicians, EILAB serves the fabrication, shipbuilding, power and heavy steel industries. Our electrical-resistance equipment is portable, so treatment can be performed in situ at site or in temporary furnaces, with advanced controllers and recorders keeping every cycle within strict tolerances.

Services	Potential Benefits to the Weldment
▪ Pre-heating and inter-pass temperature control ▪ Post-weld heat treatment (PWHT) / stress relieving ▪ Annealing & normalising ▪ Quenching & tempering ▪ Solution / precipitation hardening ▪ Hardness verification after treatment	▪ Improved ductility and metallurgical structure ▪ Control of hardness ▪ Reduced risk of brittle fracture ▪ Relaxation of residual stresses and tempering of the weld zone ▪ Removal of diffusible hydrogen to reduce the risk of hydrogen-induced cracking

The benefits achieved depend on the material and the approved heat treatment cycle.

Documentation: each heat treatment cycle is recorded and reported with time–temperature charts, supporting client and code acceptance requirements.

6.9 Industrial Rope Access Inspection

EILAB's rope access teams combine IRATA certification with NDT qualifications, allowing inspection of stacks, tanks, structures, offshore platforms and ship hulls without extensive scaffolding. Work is planned and executed in strict compliance with IRATA guidelines for techniques, training and supervision.

Our Team	Typical Applications
▪ IRATA Level III supervisors ▪ IRATA Level I / II technicians ▪ Rope access technicians holding ASNT NDT qualifications (Level I / II) ▪ Continuous upskilling of ASNT Level II NDT technicians to IRATA Level I / II ▪ Rescue-ready teams with documented method statements and risk assessments	▪ Flare stacks, chimneys and columns ▪ Storage tank shells and roofs ▪ Offshore platforms, jackets and risers ▪ Corrosion control monitoring of offshore oil & gas installations ▪ Ship hulls, cranes and steel structures ▪ Visual, UT thickness, MT, PT and coating inspection at height

07 EQUIPMENT & TECHNOLOGY

Advanced Technology. Precision in Every Measurement.

Emirates Industrial Laboratory L.L.C. (EILAB) maintains a diverse range of laboratory instruments, non-destructive testing systems, inspection technologies and specialised industrial equipment to support its multidisciplinary technical services.

Our equipment resources support material characterisation, mechanical and chemical analysis, non-destructive examination, corrosion assessment, field inspection and thermal processing across a wide range of industrial applications.

Equipment selection, calibration, maintenance and operational verification are managed through established procedures to support measurement reliability, technical accuracy and compliance with applicable standards.

This section presents EILAB's principal equipment and technologies, demonstrating the technical resources supporting our laboratory, field and engineering capabilities.

7.1 Advanced Non-Destructive Testing Equipment

EILAB deploys conventional and advanced NDT technologies for weld examination, material verification, corrosion assessment and in-service inspection.

Equipment / Technology	Applications
Digital Radiography Systems	Digital examination of welds, components and industrial assemblies
Computed Radiography & Film Digitiser	Computed radiographic imaging and digitisation of radiographic film
Olympus OmniScan X4	Phased Array Ultrasonic Testing (PAUT), TOFD and Total Focusing Method (TFM)
SafeRad Radiography Systems	Specialised close-proximity radiographic inspection
X-ray & Gamma Radiography Equipment	Conventional industrial radiographic examination
Ultrasonic Flaw Detectors	Weld inspection, defect detection and material examination
Ultrasonic Thickness Gauges	Wall-thickness measurement and corrosion monitoring
Magnetic Particle Testing Equipment	Surface and near-surface discontinuity detection
Liquid Penetrant Testing Equipment	Surface-breaking discontinuity detection
Eddy Current Testing Equipment	Conductive material examination and tube inspection
Magnetic Wire Rope Inspection Systems	Magnetic rope testing (MRT) and condition assessment
SciAps Z-902 LIBS & X-505 XRF	Portable alloy identification and elemental analysis

7.2 Mechanical Testing Equipment

EILAB's mechanical testing facilities support material qualification, welding procedure qualification and the assessment of mechanical properties.

Equipment / Technology	Applications
Universal Testing Machines	Tensile, compression, bend and load testing
Charpy Impact Testing Machines	Material impact resistance at specified temperatures
Innovatest NEXUS 7700 G2	Brinell, Vickers and Rockwell hardness testing
Microhardness Testing Equipment	Microstructural hardness evaluation
Portable Hardness Testers	On-site material hardness assessment
Specimen Preparation Equipment	Machining and preparation of standard test specimens

7.3 Metallurgical & Material Characterisation Equipment

EILAB uses metallurgical examination and material characterisation technologies to evaluate microstructure, material condition and failure mechanisms.

Equipment / Technology	Applications
Olympus BX53M Metallurgical Microscope	Microstructure, grain size and inclusion examination
Metallographic Cutting & Mounting Equipment	Sample preparation
Grinding & Polishing Equipment	Preparation of metallographic specimens
In-Situ Replica Metallography Equipment	On-site microstructural assessment
Ferrite Measurement Instruments	Ferrite content measurement in applicable materials

7.4 Chemical & Analytical Laboratory Equipment

EILAB's analytical technologies support material identification, chemical composition analysis and the evaluation of industrial and environmental samples.

Equipment / Technology	Applications
Optical Emission Spectrometer (OES)	Elemental composition of metals and alloys
ICP-OES	Multi-element chemical analysis
Atomic Absorption Spectrometer	Quantitative elemental analysis
FTIR Spectrometer	Chemical identification and molecular analysis
Gas Chromatography Equipment	Analysis of applicable chemical mixtures
Portable LIBS & XRF Analysers	Field material identification and alloy verification
Laboratory Analytical Instruments	pH, conductivity, dissolved oxygen and titrimetric analysis

7.5 Corrosion Testing & Materials Evaluation

Corrosion Laboratory Resources

EILAB maintains laboratory resources for evaluating corrosion resistance, material degradation and environmentally assisted cracking.

These include corrosion exposure equipment, controlled test environments, specimen preparation facilities and analytical instruments supporting pitting corrosion, intergranular corrosion, hydrogen-induced cracking and other material evaluation programmes.

7.6 Heat Treatment & Thermal Processing Equipment

PWHT Fleet — 50+ Portable Machines

EILAB maintains a fleet of more than 50 portable PWHT machines supporting heat treatment activities at fabrication facilities, industrial plants, shipyards and project sites.

The equipment includes electrical resistance heating systems, temperature controllers, thermocouples and recording instruments for monitoring and documenting heat treatment cycles.

These resources support preheating, post-weld heat treatment, stress relieving and other specified thermal processes.

7.7 Field Inspection & Portable Technologies

Portable Inspection Resources

EILAB's portable inspection resources enable technical services to be performed at client facilities, industrial plants, offshore installations and other operational environments.

These include portable hardness testers, coating thickness gauges, ultrasonic thickness instruments, borescopes, ferrite meters, PMI analysers and other field examination equipment.

7.8 Equipment Management & Measurement Traceability

Equipment Control & Calibration

EILAB maintains equipment control procedures covering identification, calibration, intermediate checks, preventive maintenance, handling and operational readiness.

Measurement equipment is calibrated or verified, as applicable, using recognised methods and traceable reference standards. Equipment records support the reliability and technical integrity of testing and inspection results.

08 HUMAN RESOURCES & TECHNICAL COMPETENCE

Qualified People. Proven Competence. Continuous Development.

At Emirates Industrial Laboratory L.L.C. (EILAB), technical competence is fundamental to the reliability of our testing, inspection and engineering services.

Our multidisciplinary workforce comprises qualified inspection personnel, NDT technicians, metallurgists, chemists, engineers, laboratory specialists and experienced technical support professionals.

EILAB maintains a structured competency management framework covering personnel qualifications, professional certifications, training, practical assessment, mentoring, monitoring and continuing professional development.

This framework supports the requirements of ISO/IEC 17020, ISO/IEC 17025 and EILAB's Integrated Management System, ensuring personnel are competent and authorised for their assigned responsibilities.

8.1 Professional Qualifications & Personnel Certifications

EILAB's technical workforce holds qualifications and professional certifications relevant to their respective disciplines and assigned activities.

Technical Discipline	Qualifications / Certifications
Non-Destructive Testing	ASNT, PCN and ISO 9712 qualifications; NDT Level I, II and III
Digital Radiography (DR)	ISO 9712-qualified personnel in Digital Radiographic Testing
Phased Array Ultrasonic Testing (PAUT)	PCN (BINDT) Ultrasonic Testing using Phased Array Transducers (UTPA)
Complex Weld Geometry Inspection (UT)	PCN (BINDT) Ultrasonic Testing of welds – Weld Group 3.7 Constructional 'T' joints, 3.8 Nozzles and variable configuration welds and 3.9 Nodes (TKY joints)
Welding Inspection	CSWIP and AWS certifications
Plant & Equipment Inspection	API 510, API 570, API 653 and API 580
Coating & Corrosion Inspection	AMPP/NACE and BGAS qualifications
Industrial Rope Access	IRATA Levels I, II and III
Radiographic Testing	RT qualifications and applicable radiation protection training
Radiation Protection	Radiation Protection Officer (RPO) qualifications; Basic Radiation Safety training for all radiation workers
Laboratory Testing	Relevant academic qualifications, method-specific training and demonstrated technical competence
Heat Treatment	PWHT training, practical competency assessment and equipment-specific authorisation
Quality, HSE & Technical Management	Relevant professional qualifications, management system training and competency development

Personnel certifications are maintained through a controlled verification process covering qualification status, applicable certification requirements and scope of authorisation.

Specialised NDT Personnel Competence

EILAB's technical competence extends to specialised non-destructive testing applications, including Digital Radiography, phased array ultrasonic testing and the examination of complex welded connections.

Our personnel include ISO 9712-qualified Digital Radiography technicians, PCN (BINDT)-certified phased array (UTPA) technicians, and PCN (BINDT) ultrasonic testing inspectors certified for Weld Groups 3.7 (Constructional 'T' joints), 3.8 (Nozzles and variable configuration welds) and 3.9 (Nodes). These certifications cover the ultrasonic examination of T-, K- and Y-joints (TKY joints), supporting demanding inspection requirements in offshore structures and tubular welded connections.

These specialised qualifications strengthen EILAB's ability to undertake technically challenging inspection assignments requiring advanced examination techniques and personnel competence.

Radiation Protection Personnel

EILAB's industrial radiography operations are supported by a dedicated radiation protection team, comprising a Corporate Radiation Protection Officer (RPO), a Lead RPO, a Senior RPO and five site RPOs, ensuring RPO coverage across the PIT facility and project sites.

All radiation workers complete Basic Radiation Safety training before assignment to radiography activities, followed by periodic refresher training in radiation safety, emergency response and dose optimisation. Personnel dosimetry, dose record review and RPO oversight are maintained in accordance with EILAB's Radiation Safety Policy and FANR licence conditions.

8.2 Training & Professional Development

EILAB promotes continuous professional development through structured training programmes designed to maintain technical knowledge, strengthen practical skills and respond to evolving industry requirements.

Training needs are identified through competency assessments, performance evaluations, changes in technical standards, client requirements and operational developments.

Training activities include:

- Technical and method-specific training
- Equipment operation and familiarisation
- International codes, standards and procedure updates
- Quality, health, safety and environmental awareness
- Basic Radiation Safety training, radiation protection refreshers and specialised operational safety
- Client-specific qualifications and practical trade tests
- Refresher training and corrective-action-based competency development

Training effectiveness is evaluated through appropriate assessments, practical demonstrations, workplace performance and supervisory feedback.

8.3 Competence Assessment & Personnel Authorisation

EILAB evaluates personnel competence before assigning independent technical responsibilities.

Competence assessments consider professional qualifications, relevant experience, technical knowledge, practical ability, familiarity with applicable procedures and demonstrated performance.

Personnel are authorised for defined activities based on satisfactory assessment and applicable competency requirements.

Authorisations are reviewed when changes occur in personnel qualifications, assigned responsibilities, technical methods, performance or operational requirements.

8.4 Structured Mentoring Programme

EILAB maintains a structured mentoring process to support newly recruited personnel, employees transitioning into new responsibilities and individuals requiring additional competency development.

Mentoring is conducted under designated competent personnel and includes supervised practical activities, procedural familiarisation, technical guidance and performance evaluation.

The mentoring period is determined according to the complexity of the assigned activities, the individual's experience and demonstrated competence.

Typical Mentoring Arrangements

Personnel Category	Typical Duration
Technical personnel	1–4 weeks
Administrative and support personnel	Up to 2 weeks
Specialised or complex technical activities	As determined by competency assessment

Completion of mentoring is supported by documented evaluations and recommendations for independent authorisation or further development.

8.5 Personnel Monitoring & Continuing Competence

EILAB maintains a personnel monitoring programme to verify the continued competence, consistency and professional performance of authorised personnel.

Monitoring activities may include direct observation, technical record review, examination of completed work, report verification, practical assessments and evaluation of compliance with established procedures.

Monitoring Frequency

Monitoring Category	Frequency
Newly authorised personnel	Within 3 months of authorisation
Existing authorised personnel	At least annually
Additional monitoring	Following identified performance concerns, significant technical changes or extended inactivity, as applicable

Monitoring outcomes are documented and reviewed to identify opportunities for improvement, additional training, reassessment or changes to personnel authorisation.

8.6 Competence Records & Professional Accountability

EILAB maintains controlled personnel competency records to support qualification verification, traceability and effective deployment of technical resources.

These records include educational qualifications, professional certifications, training history, mentoring evaluations, monitoring results, competency assessments and authorised activities.

The competency management framework promotes individual accountability, professional integrity and consistent application of technical requirements across laboratory, inspection and field operations.

Our People. Our Expertise. Our Assurance.

Technical excellence begins with competent people and is sustained through continuous learning, independent assessment and professional accountability.

09 MAJOR PROJECTS & CLIENT PORTFOLIO

Proven Experience. Trusted Partnerships. Across Industries.

Emirates Industrial Laboratory L.L.C. (EILAB) has supported major industrial, infrastructure, marine and energy projects through specialised testing, inspection and engineering services since its establishment in 1984.

Our project experience spans offshore fabrication, shipbuilding, oil and gas facilities, power generation, structural steel construction, industrial maintenance and asset integrity management.

Working with asset owners, EPC contractors, fabrication companies and industrial operators, EILAB provides technical resources and multidisciplinary services tailored to project requirements, international standards and demanding operational environments.

9.1 Recent & Specialised Project Experience

Project	Period	Technical Contribution
Abu Dhabi Waste-to-Energy (WtE) Plant, Al Dhafra — EWEC	2026	NDT and inspection services
Ain Dubai Observation Wheel, Dubai	2026	Magnetic Rope Testing (MRT) of observation wheel spoke ropes
Ostwind 4 HVDC Platform — Drydocks World	2026	Heat treatment and associated technical inspection support
Drydocks World — Radiography Operations	2026	Industrial radiographic testing across multiple fabrication facilities
Drydocks World — Technical Manpower Deployment	2026	Deployment of qualified NDT and inspection personnel for project requirements

9.2 Selected Major Projects

The following projects illustrate the range of EILAB's project experience across marine, energy, industrial and infrastructure sectors.

Project / Client	Year	Sector	EILAB Services
Rosebank — Drydocks World Dubai	2024–25	Offshore / Marine	Yard radiographic testing services
FPSO Voyageur Spirit — Drydocks World Dubai	2024–25	Offshore / Marine	Yard radiographic testing services
FSO Brasilia — Drydocks World Dubai	2024–25	Offshore / Marine	Yard radiographic testing services
Al Habtoor Tower — CSCEC Steel Industries	2024–25	Construction	Multidisciplinary NDT services
Jebel Ali & Aweer Power Stations — DEWA	2024–25, 2019	Power & Utilities	NDT and heat treatment services (five-year term contracts)
Noor Energy 1 CSP Solar Power Project — DEWA / ACWA Power	2022–24	Renewable Energy	Multidisciplinary NDT services
Dubai Waste Management Centre, Warsan (WtE) — Dubai Municipality	2022–23	Waste-to-Energy	Multidisciplinary NDT services
Borouge 4 — Incol International	2023	Petrochemical	Multidisciplinary NDT services
Optimum Shah Gas Expansion — Naser Mohamed Al Baddah & Partner	2023	Oil & Gas	Multidisciplinary NDT services
Ruwais Refinery Expansion — SK E&C / Samsung Engineering	2011	Oil & Gas	NDT inspection personnel and equipment
Myanmar–China Oil & Gas Pipelines — South-East Asia Pipeline Co.	2011	Pipeline Infrastructure	Radiographic examination of cross-country pipeline welds
Dubai International Airport Expansion (Phase II) — ALEC	2010–11	Infrastructure	Third-party inspection and testing

Project / Client	Year	Sector	EILAB Services
Mesaieed Refinery Shutdown — Qatar Petroleum	2009	Oil & Gas	Conventional and specialised NDT services

These examples demonstrate EILAB's experience across both construction-stage quality assurance and operational asset inspection.

9.3 Clients & Industries Served

EILAB's established project portfolio reflects long-standing experience supporting asset owners, operators and contractors across the UAE, GCC and international markets.

Industry	Clients & Project Owners Served
Oil & Gas	ADNOC, ADGAS, GASCO, ADMA-OPCO, Al Hosn Gas, Takreer, Bunduq, Abu Dhabi Oil Co., Dubai Petroleum, ENOC, Dolphin Energy, Saudi Aramco, Qatar Petroleum, Qatargas, RAKGAS, Kuwait Oil Company, Petroleum Development Oman
Petrochemical & Industrial	Borouge, Gulf Petrochemical Industries Company (GPIC), Gulf Metal Foundry
Marine & Offshore	Drydocks World Dubai, NPCC, Lamprell Energy
Power & Utilities	Dubai Electricity & Water Authority (DEWA), ACWA Power, Noor Energy 1, Shanghai Electric, Emirates Water & Electricity Company (EWEC), Dubai Municipality
EPC Contractors	Bechtel, Petrofac, Eni Saipem, CNPC, China Energy Engineering (CEEC), BESIX
Construction & Infrastructure	Roads & Transport Authority (RTA), Abu Dhabi Airports, ALEC, Expolink 2020, CSCEC Steel Industries, Eversendai, BK Gulf
Steel Fabrication	Assent Steel Industries, Automech Steel Industries

Organisations listed include EILAB's direct clients as well as end clients and project owners.

9.4 Experience Across the Asset Lifecycle

EILAB supports clients through multiple stages of industrial asset development and operation.

Project Stage	Technical Support
Material Procurement & Qualification	Material verification, chemical analysis, mechanical testing and metallurgy
Fabrication & Construction	Welding inspection, NDT, PWHT and QA/QC surveillance
Installation & Commissioning	Inspection, testing, conformity assessment and technical verification
Operation & Maintenance	In-service inspection, corrosion monitoring and condition assessment
Shutdowns & Turnarounds	Specialist NDT, inspection manpower, heat treatment and laboratory support
Failure Investigation & Life Extension	Failure analysis, Fitness-for-Service and remaining life assessment

9.5 Our Project Delivery Commitment

EILAB combines technical expertise, qualified personnel, specialised equipment and coordinated project execution to support complex industrial requirements.

Our ability to integrate laboratory testing with field inspection and engineering evaluation enables clients to access multiple technical disciplines through a single service provider, supporting effective planning, reliable reporting and informed decision-making.

Experience That Builds Confidence. Expertise That Delivers Results.

10 CORPORATE & STATUTORY INFORMATION

Established Presence. Regulatory Compliance. Responsible Business Operations.

Emirates Industrial Laboratory L.L.C. (EILAB) operates as a legally registered industrial testing and inspection services provider in the United Arab Emirates, with licensed establishments in Dubai and Abu Dhabi.

Our corporate framework supports regulatory compliance, transparent business operations, contractual accountability and responsible service delivery.

EILAB maintains statutory registrations, commercial licences and insurance arrangements relevant to its business activities and operational requirements.

10.1 Corporate Registration

Particulars	Dubai Establishment	Abu Dhabi Establishment
Registered Trade Name	Emirates Industrial Laboratory L.L.C.	Emirates Industrial Laboratory – L.L.C. – O.P.C.
Licensing Authority	Dubai Department of Economy and Tourism	Abu Dhabi Department of Economic Development
Trade Licence No.	102287	CN-1019600
Commercial Register / Unified Licence No.	1090272	501-2000-100023750
Chamber of Commerce Membership	DCCI 28306	ADCCI 3169
D-U-N-S® Number	366470909	–
Legal Form	Limited Liability Company – Single Owner	Limited Liability Company – Sole Proprietorship Company
Establishment Date	1 February 1984	23 April 2000
Registered Owner	Nariman Abdulla Kamber Alawadhi	Nariman Abdulla Kamber Alawadhi
Registered Location	Inside Drydocks World, Dubai, UAE	ICAD, Abu Dhabi, UAE

Licensed Activities

Activity	Dubai Establishment	Abu Dhabi Establishment
Activity 1	Nondestructive Testing Services	Pipelines Testing and Treatment Services
Activity 2	Physical & Mechanical Testing Laboratory	Mechanical and Physical Tests Laboratory
Activity 3	Chemical & Biological Laboratory	Chemical and Biological Analysis Laboratory
Activity 4	Pipelines Inspection & Repairing	Onshore and Offshore Oil and Gas Fields and Facilities Services
Activity 5	Occupational Safety Consultancy	Technical Maintenance of Factories and Oil Installations
Activity 6	–	Concrete and Metal Facilities Corrosion and Oxidation Resistant Services
Activity 7	–	Repair Welding of Pipes Under Water
Activity 8	–	Soil Testing Services

Evidence: *Appendix B-1 – Dubai Commercial Licence and Commercial Register; Appendix B-2 – Abu Dhabi Economic Licence*

10.2 Tax Registration

EILAB is registered for Value Added Tax (VAT) with the UAE Federal Tax Authority under a group tax registration.

Particulars	Details
Registered Taxable Person	Emirates Industrial Laboratory LLC
Tax Registration Number (TRN)	100222419200003
VAT Registration Effective	1 January 2018
Tax Authority	Federal Tax Authority, UAE
Tax Group Members	Emirates Industrial Laboratory LLC (Dubai); Emirates Industrial Laboratory (Branch); Emirates Industrial Laboratory – L.L.C. – O.P.C. (Abu Dhabi)

Evidence: *Appendix B-3 – VAT Tax Group Registration Certificate*

10.3 Insurance & Risk Protection

EILAB maintains insurance arrangements addressing professional liability, third-party liability and employee-related risks, subject to the applicable policy terms and conditions.

Insurance Category	Insurer	Documented Cover
Professional Indemnity	Arabia Insurance	AED 1,000,000
General Third-Party Liability	Arabia Insurance	AED 1,000,000
Workmen's Compensation	AIG (American Home Assurance Co.)	UAE statutory labour law coverage
Employer's Liability	AIG (American Home Assurance Co.)	AED 5,000,000 per occurrence

Cover is subject to the respective policy terms, insured activities, exclusions and territorial limits. Insurance certificates are available on request.

10.4 Statutory & Contractual Compliance

EILAB manages its statutory obligations through defined responsibilities and controlled records covering corporate registration, licensing, taxation, insurance and applicable regulatory authorisations.

Supporting documents are maintained to facilitate client prequalification, tender evaluation, contractual verification and regulatory review.

Corporate Accountability. Regulatory Confidence. Professional Assurance.

APPENDIX A CERTIFICATIONS & ACCREDITATIONS

Copies of EILAB's current accreditation, management system and marine classification certificates and regulatory licence, supporting Section 03 of this document. Accreditation certificates are accompanied by their full accreditation scope.

Ref.	Document	Issuer	Certificate no.	Pages
A-1	ISO/IEC 17025:2017 – Testing Laboratory Accreditation (certificate and accreditation scope)	EIAC	LB-TEST-018	20
A-2	ISO/IEC 17020:2012 – Inspection Body Accreditation (certificate and accreditation scope)	EIAC	IB-141	4
A-3	ISO 9001:2015 – Quality Management System (certificate)	SGS	AE26/00000230	1
A-4	ISO 14001:2015 – Environmental Management System (certificate)	SGS	AE26/00000229	1
A-5	ISO 45001:2018 – Occupational Health & Safety Management System (certificate)	SGS	AE26/00000228	1
A-6	DNV Approval of Service Suppliers – NDT (DNV-CP-0640) (certificate and approved methods)	DNV	AOSS0000GHR	2
A-7	FANR Licence – Regulated Activity Involving Regulated Material (licence, authorised inventory and conditions)	FANR	FANR/2016/138.6	4

A-1 ISO/IEC 17025:2017 – Testing Laboratory Accreditation

EIAC | LB-TEST-018 | Certificate and accreditation scope (20 pages)



مركز الإمارات العالمي للاعتماد
Emirates International Accreditation Centre

ACCREDITATION CERTIFICATE

LB-TEST-018

Emirates **I**nternational **A**ccreditation **C**entre

has accredited

EMIRATES INDUSTRIAL LABORATORY (LLC)

Inside Dubai Dry Dock | Near Port Rashid

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: 25-05-2024 to 24-05-2027

Initial Accreditation Date: 15-01-2002

ilac-MRA

مركز الإمارات العالمي للاعتماد
Emirates International Accreditation Centre

Amina Ahmed Mohammed
CHIEF EXECUTIVE OFFICER

A-1 (continued) ISO/IEC 17025:2017 – Testing Laboratory Accreditation

مركز الإمارات العالمي للاعتماد
Emirates International Accreditation Centre

Accreditation Scope

Metallurgical Testing

LB-TEST-018

Emirates Industrial Laboratory (LLC)

Inside Dubai Dry Dock, Near Port Rashid

Dubai- United Arab Emirates

Date: 25-05-2024

Accreditation History		
Issue no.	**Details**	**Date**
08	Renewal of accreditation	25-05-2024
07	Extension in scope	06-02-2023
06	Renewal accreditation from EIAC and extension in scope (add Metallurgical Testing-Determining Average Grain Size, Corrosion Testing-ASTM A262 and ASTM G48)	21-06-2021
05	Extension in scope and first issuance under the name of EIAC (which was formerly known as DAC)	01-07-2019

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A-1 (continued) ISO/IEC 17025:2017 – Testing Laboratory Accreditation

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Emirates International Accreditation Centre

Accreditation Scope

Metallurgical Testing

LB-TEST-018

Emirates Industrial Laboratory (LLC)

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Dubai- United Arab Emirates

Issue no.: 08 **Date: 25-05-2024** **Valid to: 24-05-2027**

Type of Activity	Test Materials/Products	Test Name	Test Method
Physical / Mechanical Testing	Steel (Base Metal)	Standard Test Methods and Definitions for Mechanical Testing of Steel Products	ASTM A370
Physical / Mechanical Testing	Steel (Base Metal)	Metallic materials. Tensile testing. Method of test at ambient temperature Tension testing of metallic materials	BS EN ISO 6892 Part 1
Physical / Mechanical Testing	Steel (Base Metal)	Determining average Grain Size	ASTM E112 (Linear & Circular Intercept Methods)

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A-1 (continued) ISO/IEC 17025:2017 – Testing Laboratory Accreditation

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Metallurgical Testing

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Type of Activity	Test Materials/Products	Test Name	Test Method
Physical / Mechanical Testing	Steel (Base Metal)	Standard Test Methods and Definitions for Mechanical Testing of Steel Products-Bend test	ASTM A370
Physical / Mechanical Testing	Steel (Base Metal)	Standard Test Methods and Definitions for Mechanical Testing of Steel Products Notched Bar Impact	ASTM A370
Physical / Mechanical Testing	Steel (Base Metal)	Standard Test Methods for Notched Bar Impact Testing of Metallic Materials	ASTM E23

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A-1 (continued) ISO/IEC 17025:2017 – Testing Laboratory Accreditation

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Issue no.: 08 **Date: 25-05-2024** **Valid to: 24-05-2027**

Type of Activity	Test Materials/Products	Test Name	Test Method
Physical / Mechanical Testing	Steel (Base Metal)	Metallic materials. Charpy pendulum impact test. Test method- Charpy Impact Test	BS EN ISO 148 Part 1
Physical / Mechanical Testing	Steel (Base Metal)	Standard Test Methods and Definitions for Mechanical Testing of Steel Products Vickers Hardness test	ASTM A370
Physical / Mechanical Testing	Steel (Base Metal)	Standard Test Method for Knoop and Vickers Hardness of Materials	ASTM E92

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A-1 (continued) ISO/IEC 17025:2017 – Testing Laboratory Accreditation

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Accreditation Scope

Metallurgical Testing

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Emirates Industrial Laboratory (LLC)

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Issue no.: 08 **Date: 25-05-2024** **Valid to: 24-05-2027**

Type of Activity	Test Materials/Products	Test Name	Test Method
Physical / Mechanical Testing	Steel (Base Metal)	Metallic materials. Vickers Hardness test. Test Method (HV5, 10) - Vickers Hardness Test	BS EN ISO 6507 Part 1
Physical / Mechanical Testing	Aluminum	Standard Test Methods for tension testing wrought and cast aluminum - and Magnesium - Alloy Products	ASTM B557
Physical / Mechanical Testing	Welded samples & All kinds of Fabricated, Structural, Oil and Gas Materials	Qualificaion Standard for Welding and Brazing Procedures. Welders, Brazers, and welding and brazing operators	ASME IX

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A-1 (continued) ISO/IEC 17025:2017 – Testing Laboratory Accreditation

مركز الإمارات العالمي للاعتماد
Emirates International Accreditation Centre

Accreditation Scope

Metallurgical Testing

LB-TEST-018

Emirates Industrial Laboratory (LLC)

Inside Dubai Dry Dock, Near Port Rashid

Dubai- United Arab Emirates

Issue no.: 08 **Date: 25-05-2024** **Valid to: 24-05-2027**

Type of Activity	Test Materials/Products	Test Name	Test Method
Physical / Mechanical Testing	Welded samples & All kinds of Fabricated, Structural, Oil and Gas Materials	Structural Welding Codes - Steel	AWS D1.1
Physical / Mechanical Testing	Welded samples & All kinds of Fabricated, Structural, Oil and Gas Materials	Structural Welding Codes - Aluminum	AWS D1.2
Physical / Mechanical Testing	Welded samples & All kinds of Fabricated, Structural, Oil and Gas Materials	Structural Welding Codes - Stainless Steel	AWS D1.6
Physical / Mechanical Testing	Welded samples & All kinds of Fabricated, Structural, Oil and Gas Materials	Destructive tests on welds in metallic materials-**Bend Test**	BS EN 5173

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A-1 (continued) ISO/IEC 17025:2017 – Testing Laboratory Accreditation

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Emirates International Accreditation Centre

Accreditation Scope

Metallurgical Testing

LB-TEST-018

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Issue no.: 08 **Date: 25-05-2024** **Valid to: 24-05-2027**

Type of Activity	Test Materials/Products	Test Name	Test Method
Physical / Mechanical Testing	Welded samples & All kinds of Fabricated, Structural, Oil and Gas Materials	Specification and Qualification of Welding Procedures for Metallic Materials. Welding procedure test. Arc and Gas welding of Steels and Arc welding of Nickel and Nickel Alloys - **Bend Test**	BS EN 15614 Part 1
Physical / Mechanical Testing	Welded samples & All kinds of Fabricated, Structural, Oil and Gas Materials	Qualificaion Standard for Welding and Brazing Procedures. Welders, Brazers, and welding and brazing operators	ASME IX
Physical / Mechanical Testing	Welded samples & All kinds of Fabricated, Structural, Oil and Gas Materials	Structural Welding Codes - Steel	AWS D1.1

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A-1 (continued) ISO/IEC 17025:2017 – Testing Laboratory Accreditation

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Type of Activity	Test Materials/Products	Test Name	Test Method
Physical / Mechanical Testing	Welded samples & All kinds of Fabricated, Structural, Oil and Gas Materials	Structural Welding Codes - Aluminum	AWS D1.2
Physical / Mechanical Testing	Welded samples & All kinds of Fabricated, Structural, Oil and Gas Materials	Destructive test on weld in metallic materials. Impact Tests. Test Specimen Location, Notch Orientation and Examination - **Charpy Impact Test.**	BS EN ISO 9016

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A-1 (continued) ISO/IEC 17025:2017 – Testing Laboratory Accreditation

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Type of Activity	Test Materials/Products	Test Name	Test Method
Physical / Mechanical Testing	Welded samples & All kinds of Fabricated, Structural, Oil and Gas Materials	Specification and Qualification of Welding Procedures for Metallic Materials. Welding procedure test. Arc and Gas welding of Steels and Arc welding of Nickel and Nickel Alloys - **Charpy Impact Test**	BS EN 15614 Part 1
Physical / Mechanical Testing	Welded samples & All kinds of Fabricated, Structural, Oil and Gas Materials	Qualificaion Standard for Welding and Brazing Procedures. Welders, Brazers, and welding and brazing operators	ASME IX

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A-1 (continued) ISO/IEC 17025:2017 – Testing Laboratory Accreditation

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Type of Activity	Test Materials/Products	Test Name	Test Method
Physical / Mechanical Testing	Welded samples & All kinds of Fabricated, Structural, Oil and Gas Materials	Structural Welding Codes - Stainless Steel	AWS D1.6
Physical / Mechanical Testing	Welded samples & All kinds of Fabricated, Structural, Oil and Gas Materials	Welding of Pipeline and Related Facilities	API 1104
Physical / Mechanical Testing	Welded samples & All kinds of Fabricated, Structural, Oil and Gas Materials	Destructive test on welds in Metallic Materials. Transverse Tensile Test - **Tesnile Test**	BS EN ISO 4136

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A-1 (continued) ISO/IEC 17025:2017 – Testing Laboratory Accreditation

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Dubai- United Arab Emirates

Issue no.: 08 **Date: 25-05-2024** **Valid to: 24-05-2027**

Type of Activity	Test Materials/Products	Test Name	Test Method
Physical / Mechanical Testing	Welded samples & All kinds of Fabricated, Structural, Oil and Gas Materials	Specification and Qualification of Welding Procedures for Metallic Materials. Welding procedure test. Arc and Gas welding of Steels and Arc welding of Nickel and Nickel Alloys - **Tensile Test**	BS EN 15614 Part 1
Physical / Mechanical Testing	Welded samples & All kinds of Fabricated, Structural, Oil and Gas Materials	Qualificaion Standard for Welding and Brazing Procedures. Welders, Brazers, and welding and brazing operators	ASME IX

A-1 (continued) ISO/IEC 17025:2017 – Testing Laboratory Accreditation

مركز الإمارات العالمي للاعتماد
Emirates International Accreditation Centre

Accreditation Scope

Metallurgical Testing

LB-TEST-018

Emirates Industrial Laboratory (LLC)

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Issue no.: 08 **Date: 25-05-2024** **Valid to: 24-05-2027**

Type of Activity	Test Materials/Products	Test Name	Test Method
Physical / Mechanical Testing	Welded samples & All kinds of Fabricated, Structural, Oil and Gas Materials	Structural Welding Codes - Steel	AWS D1.1
Physical / Mechanical Testing	Welded samples & All kinds of Fabricated, Structural, Oil and Gas Materials	Destructive tests on welds in metallic materials. Macroscopic and Microscopic examination of welds. - **Macro Examination Test.**	BS EN ISO 17639

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A-1 (continued) ISO/IEC 17025:2017 – Testing Laboratory Accreditation

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Emirates International Accreditation Centre

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Metallurgical Testing

LB-TEST-018

Emirates Industrial Laboratory (LLC)

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Type of Activity	Test Materials/Products	Test Name	Test Method
Physical / Mechanical Testing	Welded samples & All kinds of Fabricated, Structural, Oil and Gas Materials	Specification and Qualification of Welding Procedures for Metallic Materials. Welding procedure test. Arc and Gas welding of Steels and Arc welding of Nickel and Nickel Alloys	ASME IX AWS D1.1
Physical / Mechanical Testing	Welded samples & All kinds of Fabricated, Structural, Oil and Gas Materials	Destructive test on welds in Metallic Materials. Hardness Testing. Hardness testing on arc welded joints. **Vickers Hardness Test**	BS EN 15614 Part1 EN ISO 9015 Part 1

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A-1 (continued) ISO/IEC 17025:2017 – Testing Laboratory Accreditation

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Accreditation Scope

Metallurgical Testing

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Dubai- United Arab Emirates

Issue no.: 08 **Date: 25-05-2024** **Valid to: 24-05-2027**

Type of Activity	Test Materials/Products	Test Name	Test Method
Physical / Mechanical Testing	Metallic Materials	Standard Practice for Nondestructive Measurement of Dry Film Thickness of Nonmagnetic Coatings Applied to Ferrous Metals and Nonmagnetic, Nonconductive Coatings Applied to Non-Ferrous Metals **Coating Thickness Measurement**	ASTM D7091

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A-1 (continued) ISO/IEC 17025:2017 – Testing Laboratory Accreditation

مركز الإمارات العالمي للاعتماد
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Accreditation Scope

Metallurgical Testing

LB-TEST-018

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Issue no.: 08 **Date: 25-05-2024** **Valid to: 24-05-2027**

Type of Activity	Test Materials/Products	Test Name	Test Method
Physical / Mechanical Testing	Steel Fasteners	Mechanical properties of fasteners made of carbon steel and alloy steel Part 1: Bolts, screws and studs with specified property classes — Coarse thread and fine pitch thread **Proof Load of Bolt**	BS EN ISO 898-1
Physical / Mechanical Testing	Steel Fasteners	Fasteners — Mechanical properties of fasteners made of carbon steel and alloy steel Part 2: Nuts with specified property classes **Proof Load of Nut**	BS EN ISO 898-2

A-1 (continued) ISO/IEC 17025:2017 – Testing Laboratory Accreditation

مركز الإمارات العالمي للاعتماد
Emirates International Accreditation Centre

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Metallurgical Testing

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Issue no.: 08 **Date: 25-05-2024** **Valid to: 24-05-2027**

Type of Activity	Test Materials/Products	Test Name	Test Method
Physical / Mechanical Testing	Steel Fasteners	Mechanical properties of fasteners made of carbon steel and alloy steel Part 1: Bolts, screws and studs with specified property classes — Coarse thread and fine pitch thread **Wedge Tensile Test of Bolt**	BS EN ISO 898-1
Mechanical Testing	Steel (Base Metal)	Standard test method for Rockwell Hardness test of Metallic Materials (HRC)	ASTM E18 BS EN ISO 6508

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A-1 (continued) ISO/IEC 17025:2017 – Testing Laboratory Accreditation

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Accreditation Scope

Metallurgical Testing

LB-TEST-018

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Dubai- United Arab Emirates

Issue no.: 08 **Date: 25-05-2024** **Valid to: 24-05-2027**

Type of Activity	Test Materials/Products	Test Name	Test Method
Chemical Analysis	Carbon Steel	Chemical analysis of Carbon Steel by Spark Atomic Emission Spectrometry	ASTM E415
Chemical Analysis	Austenitic Stainless Steel	Chemical analysis of Austenitic Stainless Steel by Spark Atomic Emission Spectrometry	ASTM E1086
Metallography	Steel (Base Metal)	Standard Test Method for Determining Volume Fraction by Systematic Manual Point Count	ASTM E562
Metallurgical Testing	Metallic Materials	Standard Test Methods for Determining Average Grain Size	ASTM E112

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A-1 (continued) ISO/IEC 17025:2017 – Testing Laboratory Accreditation

مركز الإمارات العالمي للاعتماد
Emirates International Accreditation Centre

Accreditation Scope

Metallurgical Testing

LB-TEST-018

Emirates Industrial Laboratory (LLC)

Inside Dubai Dry Dock, Near Port Rashid

Dubai- United Arab Emirates

Issue no.: 08 **Date: 25-05-2024** **Valid to: 24-05-2027**

Type of Activity	Test Materials/Products	Test Name	Test Method
Corrosion Testing	Stainless Steel	Standard Practices for Detecting Susceptibility to Intergranular Attack in Austenitic Stainless Steels - Practice E	ASTM A262 (Practice E)

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A-1 (continued) ISO/IEC 17025:2017 – Testing Laboratory Accreditation

مركز الإمارات العالمي للاعتماد
Emirates International Accreditation Centre

Accreditation Scope

Metallurgical Testing

LB-TEST-018

Emirates Industrial Laboratory (LLC)

Inside Dubai Dry Dock, Near Port Rashid

Dubai- United Arab Emirates

Issue no.: 08 **Date: 25-05-2024** **Valid to: 24-05-2027**

Type of Activity	Test Materials/Products	Test Name	Test Method
Corrosion Testing	Stainless Steel & Related alloys	Standard Test Methods for Pitting and Crevice Corrosion Resistance of Stainless Steels and Related Alloys by Use of Ferric Chloride Solution - Method A	ASTM G48 Method A

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A-2 ISO/IEC 17020:2012 – Inspection Body Accreditation

EIAC | IB-141 | Certificate and accreditation scope (4 pages)

مركز الإمارات العالمي للاعتماد
Emirates International Accreditation Centre

ACCREDITATION CERTIFICATE

IB-141

Emirates International Accreditation Centre

has accredited

EMIRATES INDUSTRIAL LABORATORY L.L.C

Inside Dubai Dry Dock | Near Port Rashid | 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: 24-02-2025 to 01-08-2027

Initial Accreditation Date: 02-08-2018

ilac-MRA

مركز الإمارات العالمي للاعتماد
Emirates International Accreditation Centre

Amina Ahmed Mohammed
CHIEF EXECUTIVE OFFICER

A-2 (continued) ISO/IEC 17020:2012 – Inspection Body Accreditation

مركز الإمارات العالمي للاعتماد
Emirates International Accreditation Centre

Scope of Accreditation

IB-141

Emirates Industrial Laboratory L.L.C

Inside Dubai Dry Dock | Near Port Rashid | Dubai | United Arab Emirates

Date: 12-11-2025

Accreditation History			
Issue no.	**Scope Name**	**Details**	**Date**
10	Nondestructive Testing	Reissued due to the extension in scope	12-11-2025
09	Nondestructive Testing	Reissued due to renewal of accreditation	24-02-2025
08	Nondestructive Testing	Certificate validity was extended for 6 months from 02-02-2025 up to 01-08-2025	02-02-2025
07	Nondestructive Testing	Certificate validity was extended for 6 months from 02-08-2024 up to 01-02-2025	02-08-2024
06	Nondestructive Testing	Reduction in scope: remove Ultrasonic testing – flaw detection Time-of-flight diffraction (ToFD)	24-07-2023
05	Nondestructive Testing	Extension in scope (add: Ultrasonic Testing - PAUT, Ultrasonic Testing - ToFD, Ultrasonic testing – Thickness measurement (BS EN ISO 16809) and Liquid penetrant examination (PT) (BS EN ISO 3452-1))	13-12-2022
04	Nondestructive Testing	Renewal accreditation from EIAC and Reduction in scope (Remove Liquid penetrant examination (PT) BS EN ISO 3452-1)	23-09-2021
03	Nondestructive Testing	First issuance under the name of EIAC (Formerly	15-03-2020
02	Nondestructive Testing	Extension in scope	12-09-2018
01	Nondestructive Testing	Granted accreditation form Dubai Accreditation	02-08-2018

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The Trade Centre District, Dubai-United Arab Emirates
Office: +971 4 872 2666

A-2 (continued) ISO/IEC 17020:2012 – Inspection Body Accreditation

Scope of Accreditation
IB-141

Emirates Industrial Laboratory L.L.C

Inside Dubai Dry Dock | Near Port Rashid | Dubai | United Arab Emirates

Issue No.: 10 **Date: 12-11-2025** **Valid to: 01-08-2027**

Inspection Category	Inspection field	Range of inspection	Stage of Inspection	Inspection criteria	Inspection Activity Type
Nondestructive Testing					
Product	Structural Engineering of Welds and Materials	Liquid penetrant examination (PT) - Visual - Fluorescent	New construction In-service	ASME Section V BS EN ISO 3452-1	A
		Magnetic particle examination (MT) - Visual - Fluorescent	New construction In-service	ASME Section V BS EN ISO 17638	A
		Ultrasonic testing – flaw detection	New construction In-service	ASME Section V BS EN ISO 17640 AWS D 1.1	A
		Ultrasonic testing - thickness measurement	New construction In-service	ASME Section V BS EN ISO 16809	A
		Radiographic examination (RT)	New construction In-service	ASME Section V BS EN ISO 17636-1 AWS D 1.1	A
		Visual examination (VT) - Direct visual examination - Remote visual examination	New construction In-service	ASME Section V BS EN ISO 17637	A
		Paint coating thickness measurement	New construction In-service	SSPC PA-9	A
		Ultrasonic testing – flaw detection Phased array ultrasonic testing (PAUT)	New construction In-service	ASME Sec V ASTM E2700 BS EN ISO 13588	A
	Structure Engineering of Material	Magnetic Inspection of Wire Ropes	New construction In-service	ASTM 1571 ISO 4309 EN 12927 IMCA LR 004 HSSE 023	

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The Trade Centre District, Dubai-United Arab Emirates
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A-2 (continued) ISO/IEC 17020:2012 – Inspection Body Accreditation

Scope of Accreditation
IB-141

Emirates Industrial Laboratory L.L.C

Inside Dubai Dry Dock | Near Port Rashid | Dubai | United Arab Emirates

Issue No.: 10 **Date: 12-11-2025** **Valid to: 01-08-2027**

Inspection Category	Inspection field	Range of inspection	Stage of Inspection	Inspection criteria	Inspection Activity Type
Product	Structure Engineering of Material	Magnetic Inspection of Wire Ropes	New construction In-service	M 197	A
				SABS 0293	
				EN 13414	
				B30.9	
				ANSI B77.1	
Product	Mechanical and Structural Engineering of Metallic Products	Hardness testing	New construction In-service	ASTM E 110	A
				ASTM A956	
		Metals identification, grade verification and sorting (PMI)	New construction In-service	ASTM E1476	A
Nondestructive Testing					
Product	Mechanical and Structural Engineering of Metallic Products	Spectrometric testing	New construction In-service	ASTM E415	A
				ASTM E 1086	
		Ferrite measurement	New construction In-service	ASTM A800	A
				BS EN ISO 8249	
		Leak testing	New construction In-service	ASME Section V	A

A-3 ISO 9001:2015 – Quality Management System

SGS | AE26/00000230 | Certificate

Certificate AE26/00000230

The management system of

EMIRATES INDUSTRIAL LABORATORY LLC

Inside Drydocks World, Makani No. 25971 93269, Jumeriah Road, Dubai, United Arab Emirates

has been assessed and certified as meeting the requirements of

ISO 9001:2015

Quality management systems - Requirements

For the following activities

Inspection, Testing and Analytical Services for Projects, Engineering Materials, Fluids and Related Equipment for Offshore and Onshore Oil & Gas, Marine, Power and Infrastructure Industry Using Specialist Manpower with the Provision of the Following: Chemical, Mechanical, Metallurgical, Failure Investigation and Corrosion survey, Non destructive Testing and Heat Treatment, Condition Assessment & integrity management.

This certificate is valid from 03 November 2026 until 14 February 2028 and remains valid subject to satisfactory surveillance audits.
Issue 1. Organization certified since 15 February 2019 and first certified by SGS on 03 November 2026.

D. Willemin H. Frankenstein

Authorised by	Authorised by
Daniel Willemin Accreditation Manager	Hagen Frankenstein

SGS Société Générale de Surveillance SA
Zugerstrasse 57, 6340 Baar, Switzerland
www.sgs.com

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A-4 ISO 14001:2015 – Environmental Management System

SGS | AE26/00000229 | Certificate

Certificate AE26/00000229

The management system of

EMIRATES INDUSTRIAL LABORATORY LLC

Inside Drydocks World, Makani No. 25971 93269, Jumeriah Road, Dubai, United Arab Emirates

has been assessed and certified as meeting the requirements of

ISO 14001:2015

Environmental management systems — Requirements with guidance for use

For the following activities

Inspection, Testing and Analytical Services for Projects, Engineering Materials, Fluids and Related Equipment for Offshore and Onshore Oil & Gas, Marine, Power and Infrastructure Industry Using Specialist Manpower with the Provision of the Following: Chemical, Mechanical, Metallurgical, Failure Investigation and Corrosion survey, Non destructive Testing and Heat Treatment, Condition Assessment & integrity management.

This certificate is valid from 03 November 2026 until 14 February 2028 and remains valid subject to satisfactory surveillance audits.

Issue 1. Organization certified since 15 February 2019 and first certified by SGS on 03 November 2026.

D. Willemin H. Frankenstein

Authorised by	Authorised by
Daniel Willemin	Hagen Frankenstein
Accreditation Manager	

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Zugerstrasse 57, 6340 Baar, Switzerland
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Page 1 / 1

A-5 ISO 45001:2018 – Occupational Health & Safety Management System

SGS | AE26/00000228 | Certificate

Certificate AE26/00000228

The management system of

EMIRATES INDUSTRIAL LABORATORY LLC

Inside Drydocks World, Makani No. 25971 93269, Jumeriah Road, Dubai, United Arab Emirates

has been assessed and certified as meeting the requirements of

ISO 45001:2018

Occupational health and safety management systems — Requirements with guidance for use

For the following activities

Inspection, Testing and Analytical Services for Projects, Engineering Materials, Fluids and Related Equipment for Offshore and Onshore Oil & Gas, Marine, Power and Infrastructure Industry Using Specialist Manpower with the Provision of the Following: Chemical, Mechanical, Metallurgical, Failure Investigation and Corrosion survey, Non destructive Testing and Heat Treatment, Condition Assessment & integrity management.

This certificate is valid from 03 November 2026 until 14 February 2028 and remains valid subject to satisfactory surveillance audits.

Issue 1. Organization certified since 15 February 2019 and first certified by SGS on 03 November 2026.

D. Willemin H. Frankenstein

Authorised by
Daniel Willemin
Accreditation Manager

Authorised by
Hagen Frankenstein

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A-6 DNV Approval of Service Suppliers – NDT (DNV-CP-0640)

DNV | AOSS0000GHR | Certificate and approved methods (2 pages)

DNV

APPROVAL OF SERVICE SUPPLIERS

Certificate no.:
AOSS0000GHR
Revision no.:
5

This is to certify that

Emirates Industrial Laboratory L.L.C

DUBAI, United Arab Emirates

is granted acceptance for
Non-destructive testing on classification projects , in accordance with Class Programme DNV-CP-0640.

This service supplier certificate will be accepted for use with all rule sets published by DNV.
See the following page(s) for details regarding application.

This Certificate is valid from **2026-06-01** to (inclusive) **2029-05-31**.

This Certificate is issued on **2026-10-04**.

for **DNV**

This document has been digitally signed and will therefore not have handwritten signatures

Chacko, Dixon

This Certificate may be withdrawn if:
1. The service provided has been improperly carried out or the results improperly reported.
2. The surveyor has found any deficiencies in the accepted operating systems of the service supplier.
3. The firm has failed to inform of any major changes having effect on the quality of the service rendered.
4. The conditions listed in the certificate are changed and/or are not fulfilled.

LEGAL DISCLAIMER: Unless otherwise stated in the applicable contract with the holder of this document, or following from mandatory law, the liability of DNV AS, its parent companies and their subsidiaries as well as their officers, directors and employees ("DNV") arising from or in connection with the services rendered for the purpose of the issuance of this document or reliance thereon, whether in contract or in tort (including negligence), shall be limited to direct losses and under any circumstance be limited to USD 300 000.

A-6 (continued) DNV Approval of Service Suppliers – NDT (DNV-CP-0640)

Certificate no.: **AOSS0000GHR**
Revision no.: **5**

Application:

Emirates Industrial Laboratory L.L.C has been approved for the following NDT methods.

- Magnetic Particle Testing, MT
- Penetrant Testing, PT
- Ultrasonic Testing, UT
- Radiographic Testing, RT

The certificate is based upon the following conditions:

- The requirements stated in DNV approval Programme DNV-CP-0640 continues to be met.
- EIL shall only work according to approved NDT procedures filed under Nauticus Certification Production, job ID: A1337753 and listed below:
    1. MT utilising AC Yoke and Colour Contrast Technique according to procedure no. EIL-DNV-021, rev 03, dated 16 June 2026 or later approved revision.
    2. PT utilising Colour Contrast, Solvent Removable Technique according to procedure no. EIL-DNV-020, rev 03, dated 16 June 2026 or later approved revision.
    3. UT utilising Pulse-Echo technique for full penetration welds in plates, pipes, T- and Y-joints in C, C-Mn and alloy steels and aluminium welds according to procedure no. EIL-DNV-019, rev 03, dated 16 June 2026 or later, approved revision. Testing of welds in duplex and austenitic stainless steels and tubular TKY (node) welds are excluded.
    4. RT of welds in carbon and stainless steel using x-ray, Se-75 or Ir-192 with film detectors; according to procedure no. EIL-DNV-018, rev 03, dated 16 June 2026 or later, approved revision.
    5. RT, Digital Radiographic Testing, according to procedure EILAB-DNV-022, Rev 01 dated 26 August 2026
    6. RT film interpretation of welds; according to procedure no. EIL-DNV-023, rev 03, dated 27 January 2023 or later, approved revision.

S No	Supervisor	Certificate no	NDT Method	Level
1	Mahesh Kanithi	322015 (ASNT) 339987 (PCN)	MT, PT, UT, RT*	3

S No	Technicians	Certificate no	NDT method	Level
1	Gurumurthy Pala	350214 (PCN)	MT, UT	2
2	Jebas Selvin Justin Dhiraviyam	349726 (PCN)	RT*	2
3	Selvan Elango	347729 (PCN)	RT*	2
4	Abdul Rahim Mohamed Sulthan	354143 (PCN)	UT	2
5	Balaji Ravichandran	351084 (PCN)	MT, UT, PT	2
6	Mohanraj Kuppusamy	350978 (PCN)	MT, UT, PT	2
7	Ajith Sriram Manoharan	349472 (PCN)	MT, UT	2
8	Suresh Kumar Ganesan	342910 (PCN)	MT, UT, PT	2
9	Dhinakaran Sekar	350808 (PCN)	MT, UT	2

*Includes both RT and RTFI

Remarks:

1. Approved procedures serve as general guidelines for standard applications. For applications that fall outside the scope described in the procedures, such as unique configurations, specialized equipment setups, additional technical documentation may be necessary. The additional documentation could include technique sheets, scan plans, or other relevant materials that provide detailed instructions for the specific application.
2. It is the responsibility of the supervisor to decide whether the approved procedures sufficiently cover the intended application. If gaps are identified, appropriate supporting documentation shall be developed and reviewed prior to the inspection.
3. The service supplier undertakes the responsibility to notify DNV about any changes to the procedures or the personnel prior to the changes coming into effect.

A-7 FANR Licence – Regulated Activity Involving Regulated Material

FANR | FANR/2016/138.6 | Licence, authorised inventory and conditions (4 pages)

FANR
الهيئة الاتحادية للرقابة النووية
Federal Authority for Nuclear Regulation

United Arab Emirates

Licence No.: FANR/2016/138.6 **رقم الترخيص:**

ترخيص لممارسة نشاط خاضع للرقابة يتضمن مواد خاضعة للرقابة [مصادر مشعة، أو مواد نووية أو مفردات خاضعة للرقابة]

Licence to Conduct a Regulated Activity Involving Regulated Material [Radiation Sources, Nuclear Material or Regulated Items]

Under the powers provided in Articles (6) and (28)(3)(a) of Federal Law by Decree No. 6 of 2009 Concerning the Peaceful Uses of Nuclear Energy (the Law) and based on a submitted application for a Licence, the Federal Authority for Nuclear Regulation (the Authority) hereby grants the Licence to:

بموجب الصلاحيات المنصوص عليها في المادتين (6) و(28)(3)(أ) من "المرسوم بقانون اتحادي رقم (6) لسنة 2009 في شأن الاستعمالات السلمية للطاقة النووية" (القانون)، أصدرت "الهيئة الاتحادية للرقابة النووية" (الهيئة) هذا الترخيص الى

EMIRATES INDUSTRIAL LABORATORY L.L.C

P.O.Box: 6892, JUMEIRA FIRST, Dubai

Established by the Trade Licence (Private): 102287

مختبر الامارات الصناعي ش.ذ.م.م

ص.ب: 6892 ، جميرا الأولى، دبي

أصدرت بالرخصة التجارية (خاص): 102287

Hereafter refered to as the Licensee **والمشار إليه فيما بعد بالمرخص له**

Regulated Activities authorised by the Licence: **الأنشطة الخاضعة للرقابة المصرح بممارستها بموجب الترخيص:**

The Licence authorises the Licensee to conduct the following Regulated Activities set forth in Article (25) of the Law:

يسمح هذا الترخيص للمرخص له بممارسة الأنشطة التالية الخاضعة للرقابة والواردة في المادة (25) من القانون:

Possession, Use, Storage, Import, Export, Transport

حيازة، إستخدام، تخزين، إستيراد، التصدير، النقل

For the purpose of: **وذلك لغرض:**

Analytical Techniques, Industrial Radiography

التقنيات التحليلية، التصوير الصناعي

A summary of the authorised Regulated Material inventory involved in the Regulated Activities for a specified purpose is set forth in Attachment 1 (A) hereto.

ملخص قائمة حصر المواد الخاضعة للرقابة المصرح باستخدامها في الأنشطة الخاضعة للرقابة لغرض خاص مدرجة في الجدول (1) المرفق بهذا الترخيص

Licence Conditions: **شروط الترخيص:**

- General Conditions: see attachment 2 **- شروط عامة: انظر الملحق (2)**

- Special Condition: None **- شروط خاصة: لا يوجد**

This Licence is granted without prejudice to any future decision of the Authority regarding the Regulated Activities authorized by the Licence and involved Regulated Material

يُمنح هذا الترخيص بدون الإخلال بأي قرار مستقبلي تتخذه الهيئة فيما يتعلق بالأنشطة الخاضعة للرقابة المصرح بممارستها بموجب الترخيص وتتضمن مواد خاضعة للرقابة

Christer Viktorsson
Director General

كريستر فيكتورسن
المدير العام

FANR
الهيئة الاتحادية للرقابة النووية
FEDERAL AUTHORITY FOR NUCLEAR REGULATION

Date of Issue: 26-Jul-2024 **تاريخ الاصدار:**
Amendment Date: 29-Jan-2026 **تاريخ التعديل:**
Expiry Date: 26-Jul-2027 **تاريخ الانتهاء:**

Federal Authority | هيئة إتحادية
PO Box - 112021 - ص.ب Abu Dhabi, United Arab Emirates - أبوظبي ، الإمارات العربية المتحدة F +9712 651 6661 فاكس
www.fanr.gov.ae

Page 1 of 4

A-7 (continued) FANR Licence – Regulated Activity Involving Regulated Material

FANR
الهيئة الاتحادية للرقابة النووية
Federal Authority for Nuclear Regulation

United Arab Emirates

License No.: FANR/2016/138.6 رقم الترخيص:

Attachment 1 الملحق (1)

A – Summary of the Authorised Regulated Material Inventory: أ – ملخص لقائمة حصر المواد الخاضعة للرقابة المصرح بها

Sealed Source: (total of 31) مصدر مشع مختوم: (المجموع 31)

- **Regulated activity:** (Export, Import, Possession , Storage, Transport, Use) - نشاط خاضع للرقابة: (التصدير, إستيراد, حيازة , تخزين, النقل, إستخدام)
- **Purpose:** Industrial Radiography - الغرض: التصوير الصناعي

(4 of) Caesium-137 up to 2.22 GBq , (2 of) Cobalt-60 up to 770 GBq , (20 of) Iridium-192 up to 71.925 TBq , (5 of) Selenium-75 up to 17.1 TBq

Associated Equipment: (total of 33) الأجهزة المرافقة: (المجموع 33)

- **Regulated activity:** (Export, Import, Possession , Storage, Transport, Use) - نشاط خاضع للرقابة: (التصدير, إستيراد, حيازة , تخزين, النقل, إستخدام)
- **Purpose:** Industrial Radiography - الغرض: التصوير الصناعي

(4 of) Container without depleted U , (3 of) Depleted Uranium container for shielding and up to 182 kg , (25 of) Portable industrial gamma projector and up to 585.3 kg

- **Regulated activity:** (Possession , Storage, Transport, Use, Export, Import) - نشاط خاضع للرقابة: (حيازة , تخزين, النقل, إستخدام, التصدير, إستيراد)
- **Purpose:** Industrial Radiography - الغرض: التصوير الصناعي

(1 of) Portable industrial gamma projector and up to 15.4 kg

Radiation Generators: (total of 12) مولدات الإشعاع: (المجموع 12)

- **Regulated activity:** (Export, Import, Possession , Use) - نشاط خاضع للرقابة: (التصدير, إستيراد, حيازة , إستخدام)
- **Purpose:** Analytical Techniques - الغرض: التقنيات التحليلية

(4 of) XRF

- **Purpose:** Industrial Radiography - الغرض: التصوير الصناعي

(8 of) Portable Xray Generator

B – Work locations ب – مواقع العمل:

- **Permanent: (total of 1)** - دائم: (المجموع 1)

(1) JUMEIRA FIRST, Dubai: (EIL PIT Inside Drydocks(LOF Code: SH016))

A-7 (continued) FANR Licence – Regulated Activity Involving Regulated Material

FANR
الهيئة الاتحادية للرقابة النووية
Federal Authority for Nuclear Regulation

United Arab Emirates

Licence No.: FANR/2016/138.6 **رقم الترخيص:**

Attachment 2: General Conditions — الملحق (2): الشروط العامة

A. Law, Regulations and Licence conditions	**أ. القانون واللوائح وشروط الترخيص**
The Licensee shall conduct the Regulated Activities authorised by the Licence in accordance with: a) the provisions of the Law, as may be amended; b) to read: the applicable regulations issued by the Authority.; c) to read: the plans and procedures approved by the Authority. d) to read: the application documents, including the description of the Regulated Material included in the Authority's e-Licensing System.and e) the terms and conditions of this Licence. This License approves the following documents: - **Saftey Assessment** - **Floor Layout** - **Signed Protection Safety** - **Security Plan** - **Transport Security Plan** The License shall conduct Regulated Activities authorised by this License in accordance with the documents approved by the Authority in paragraph A.	يتعين على المرخص له ممارسة الأنشطة الخاضعة للرقابة المسموح بها بموجب الترخيص وفقًا لما يلي: أ) أحكام القانون، وتعديلاته؛ ب) اللوائح السارية الصادرة عن الهيئة ج) الخطط و الإجراءات المعتمدة من الهيئة د) وثائق طلب الترخيص، بما في ذلك وصف المواد الخاضعة للرقابة المدرجة في نظام الترخيص للهيئة ه) شروط وأحكام هذا الترخيص. - **تقييم الأمان** - **مخطط البناء** - **برنامج أمان الحماية المعتمد** - **الخطة الأمنية** - **خطة أمن النقل** يجب على المرخص له مزاولة الأنشطة الخاضعة للرقابة المصرح بها بموجب هذا الترخيص وفقًا للمستندات المعتمدة من الهيئة في الفقرة (أ)
B. Validity of the Licence	**ب. صلاحية الترخيص**
i. This Licence shall remain in force for three years unless : a) it is suspended or revoked by the Authority; b) it is amended by the Authority; c) it is surrendered by the Licensee subject to acceptance by the Authority; or d) the Authority issues a Licence that supersedes this Licence or part of this Licence. In such cases, any obligations of the Licensee under this Licence and/ or the Law and the Authority's regulations that are intended to remain in force following termination of this Licence shall apply after the termination of this Licence.	1. يظل هذا الترخيص ساريًا لمدة ثلاثة سنوات ما لم: أ) تقوم الهيئة بتعليقه أو إلغائه؛ ب) تقوم الهيئة بتعديله؛ ج) يتنازل عنه المرخص له رهناً بموافقة الهيئة؛ أو د) تصدر الهيئة ترخيص يحل محل هذا الترخيص أو جزء منه. وفي مثل هذه الحالات، فإن أي التزامات للمرخص له مقرر لها أن تظل نافذة بموجب هذا الترخيص و/أو القانون ولوائح الهيئة المقرر لها أن تظل نافذة عقب إنهاء هذا الترخيص تكون سارية بعد إنهاء هذا الترخيص.
ii. This Licence, any part hereof, or any right hereunder shall not be transferred or assigned either voluntarily or involuntarily, directly or indirectly.	2. لا يجوز نقل هذا الترخيص أو أي جزء منه أو التنازل عنه أو التصرف فيه بأي شكل، سواء كان ذلك طوعاً أو إلزاماً، بصورة مباشرة أو غير مباشرة.
iii. The Licensee shall submit a Licence renewal application ninety (90) calendar days before the expiry date of this Licence.	3. يتعين على المرخص له تقديم طلب لتجديد الترخيص قبل تسعين (90) يوماً من تاريخ انتهاء صلاحية هذا الترخيص.
iv. The Licensee shall notify the Authority of any intention to surrender the Licence, and in case of planned termination of the Regulated Activity at least 30 days prior to the termination of Regulated Activities subject to this Licence.	4. يتعين على المرخص له إبلاغ الهيئة بأي نية للتنازل عن الترخيص، وفي حالة الإنهاء المخطط له للنشاط الخاضع للرقابة يتعين عليه إبلاغها قبل ثلاثين (30) يوماً من إنهاء الأنشطة الخاضعة للرقابة بموجب هذا الترخيص.
v. The authorized locations where the Regulated Activities authorized by this Licence shall be conducted, are listed in Attachment 1 (B) hereto.	5. المواقع المصرح بها لممارسة الأنشطة الخاضعة للرقابة المسموح بممارستها بموجب هذا الترخيص، مدرجة في الجدول 1 (ب) في هذا الترخيص
C. Notifications	**ج. البلاغات**

A-7 (continued) FANR Licence – Regulated Activity Involving Regulated Material

i. The Licensee shall notify the Authority at least 30 days in advance, and obtain written approval of the Authority prior to implementing modifications to Regulated Activities that impact on the effectiveness of Safety, security and safeguards measures.	1. يتعين على المرخص له إبلاغ الهيئة مقدماً خلال ثلاثين (30) يوم على الأقل، والحصول على موافقة خطية من الهيئة قبل تطبيق تعديلات على الأنشطة الخاضعة للرقابة والتي تنتج عنها تداعيات ملموسة على تدابير الأمان والأمن والضمانات.
ii.The Licensee shall notify the Authority of any transport of the Radioactive Source authorised by this Licence:	2. يتعين على المرخّص له إبلاغ الهيئة بأي عملية نقل للمصدر المشع المسموح به بموجب هذا الترخيص:
a) at least three (3) working days before the proposed date of transport for a Category 1 Radioactive source. b) at least 24 hours before the start of transport for a Category 2 or a Category 3 Radioactive source.	أ) ثلاثة (3) أيام على الأقل قبل الموعد المقترح لنقل مصادر الفئة 1. ب) 24 ساعة على الأقل قبل البدء في نقل مصادر الفئة 2 أو 3.
D. Access to the facilities, locations and information	**د. الدخول إلى المرافق، و المواقع، و الاطلاع على المعلومات**
i. The Licensee shall provide the Authority and its authorised representatives with access to any place, to any document, record or report or to any person under the Licensee's control or the control of any of the Licensee's affiliates, contractors, subcontractors, suppliers, agents or other legal entities acting on behalf of the Licensee, and shall provide all assistance necessary to enable the Authority to inspect in accordance with the Law the conduct of the Regulated Activities authorised by this Licence.	1. يتعين على المرخص له أن يسمح للهيئة وممثليها المفوضين بالدخول إلى أي مكان أو الاطلاع على أي وثيقة أو سجل أو مقابلة أي شخص تحت سلطة المرخّص له أو تحت سلطة أي من فروع مؤسساته أو مقاوليه أو مقاوليه من الباطن، أو مورّديه أو وكلائه، أو غير ذلك من الجهات القانونية التي تعمل نيابة عن المرخّص له، وأن يوفر جميع المساعدات اللازمة لتمكين الهيئة من إجراء التفتيش بمقتضى القانون على ممارسة الأنشطة الخاضعة للرقابة المسموح بها بموجب هذا الترخيص.
ii.The Licensee shall display a copy of this Licence and other information as required by the Authority at a visible location within the Licensee's premises.	2. يتعين على المرخص له إبراز نسخة من هذه الترخيص وغيرها من المعلومات حسبما تقتضيه الهيئة بموقع ظاهر داخل مقر المرخص له.
E. Requirements related to the Inventory	**ه. المتطلبات المتعلقة بحصر المواد**
i. Once a Radioactive Source included in the inventory (included in the inventory authorised by this Licence) becomes disused, the Licensee shall organise its return to the supplier within (6) six months from the date of the change of status of the Radioactive Source in the inventory.	1. عندما يُصبح المصدر المشع المُدرج في العهدة (المدرجة في قائمة الحصر المصرح لها في هذا الترخيص) يتعين على المرخص له ترتيب عملية إرجاعه إلى المورّد في غضون ستة (6) شهور من موعد تغير حالة المصدر المشع في العهدة.
ii. The Licensee shall request and receive written approval from the Authority (using the Authority's e-licensing system) prior to any transfer of an item listed in the inventory (Attachment 1 (A) of the Licence). Such transfers shall only be made to holders of an appropriate Licence granted by the Authority, and shall include information regarding transportation.	2. يتعين على المرخص تقديم موافقة خطية من الهيئة (باستخدام نظام الترخيص الإلكتروني للهيئة) قبل أي عملية نقل لمفردة واردة في العهدة. (الملحق 1 (أ) من الترخيص. تقتصر عمليات النقل فقط على الحاصلين على الترخيص اللازم من الهيئة على أن يتضمن معلومات بشأن عملية النقل.
iii. The Licensee shall maintain up-to-date the status and information related to the inventory, directly after the occurrence of any change in the inventory using the Authority's e-licensing system.	3. يتعين على المرخص له المواظبة على تحديث حالة العهدة والمعلومات المتعلقة بها مباشرة بعد حدوث أي تغيير في العهدة مستخدماً نظام الترخيص الإلكتروني للهيئة.
F. Import and Export	**و. الاستيراد والتصدير**
In addition to the requirements set forth in FANR-REG-09 as amended, the Licensee shall obtain a permit from the Authority prior to each import and/ or export of an item listed in the inventory (included in the inventory authorised by this Licence) using the Authority's e-licensing system.	علاوة على المتطلبات المُحددة في لائحة الهيئة رقم FANR-REG-09 وتعديلاتها، يتعين على المرخّص له الحصول على تصريح من الهيئة قبل كل عملية استيراد و/أو تصدير لمفردة مدرجة في العهدة (المدرجة في قائمة الحصر المصرح لها في هذا الترخيص) باستخدام نظام الهيئة للترخيص الإلكتروني.

APPENDIX B CORPORATE & STATUTORY DOCUMENTS

Copies of EILAB's current commercial licences, commercial register and VAT tax group registration certificate, supporting Section 10 of this document.

Ref.	Document	Issuer	Reference No.	Pages
B-1	Dubai Commercial Licence and Commercial Register	Dubai Economy and Tourism	102287	2
B-2	Abu Dhabi Economic Licence	Abu Dhabi Department of Economic Development	CN-1019600	2
B-3	VAT Tax Group Registration Certificate	Federal Tax Authority	TRN 100222419200003	2

B-1 Dubai Commercial Licence and Commercial Register

Dubai Economy and Tourism | 102287 | 2 pages

حكومة دبي
GOVERNMENT OF DUBAI

دبي للاقتصاد والسياحة
Economy and Tourism

رخصة تجارية
Commercial License

License Details / تفاصيل الرخصة

License No.	102287		رقم الرخصة
Company Name	EMIRATES INDUSTRIAL LABORATORY L.L.C		اسم الشركة
Business Name	EMIRATES INDUSTRIAL LABORATORY L.L.C		الاسم التجاري
License Category	Dep. of Economic Development		فئة الرخصة
Legal Type	Limited Liability Company - Single Owner(LLC - SO)		الشكل القانوني
Expiry Date	31/01/2027	تاريخ الإنتهاء	تاريخ الإصدار
D&B D-U-N-S ® N	366470909	الرقم العالمي	رقم الرخصة الام
Register No.	1090272	رقم السجل التجاري	عضوية الغرفة

Issue Date: 01/02/1984
Main License No.: 102287
DCCI No.: 28306

License Members / الاطراف

Share / الحصص	Role / الصفة	Nationality / الجنسية	Name / الإسم	No./رقم الشخص
100.00%	Shares Owner / مالك حصص	United Arab Emirates / الامارات	نريمان عبدالله قمبر العوضى NARIMAN ABDULLA KAMBER	126387
	Manager / مدير	Turkey / تركيا	محمد كانير MEHMET CANER	1034539

License Activities / أنشطة الرخصة

Activity	Status	الحالة	النشاط
Occupational Safety Consultancy	Active	فعال	استشارات السلامة والصحة المهنية
Pipelines Inspection & Repairing	Active	فعال	فحص خطوط الانابيب ومعالجتها
Physical & Mechanical Testing Laboratory	Active	فعال	مختبر للفحوص الميكانيكية والفيزيائية
Nondestructive Testing Services	Active	فعال	خدمات الفحص اللاإتلافي
Chemical & Biological Laboratory	Active	فعال	مختبر تحاليل كيماوية وبيولوجية

Print Date 15/12/2025 11:18 تاريخ الطباعة

Receipt No. رقم الإيصال

الإمارات
THE EMIRATES

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 يرجي مسح رمزالاستجابة السريعة

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B-1 (continued) Dubai Commercial Licence and Commercial Register

حكومة دبي
GOVERNMENT OF DUBAI

دبي للاقتصاد والسياحة
Economy and Tourism

شهادة شهر قيد شركة فى السجل التجارى
Commercial Register

				Register Details / تفاصيل القيد	
Main Lice. Nr	102287	رقم الرخصة الأم	Register No.	1090272	رقم القيد
				مختبر الامارات الصناعي ش.ذ.م.م	الاسم التجاري
Business Name	EMIRATES INDUSTRIAL LABORATORY L.L.C				
Legal Type	Limited Liability Company - Single Owner(LLC - SO)			شركة ذات مسؤولية محدودة - الشخص الواحد (ذ.م.م.)	الشكل القانوني
Expiry Date	31/01/2027	تاريخ الإنتهاء	Reg. Date	19/02/2012	تاريخ الإصدار
D&B D-U-N-S ® No.				366470909	الرقم العالمي
				Capital Details / تفاصيل راس المال	
Nominated					الإسمى
Paid				4,000,000	المدفوع
No. of Shares				4,000	عدد الأسهم
Currency	UAE Dirhams			درهم إماراتي	العملة
				License Address / عنوان الرخصة	
				مكتب رقم EIL01 ملك حوض دبي الجاف - بردبي - مدينة دبي الملاحية	
				Commerce Address / عنوان السجل التجاري	
				مكتب رقم EIL01 ملك حوض دبي الجاف - بردبي - مدينة دبي الملاحية	
				Register Activities / أنشطة السجل	
Chemical & Biological Laboratory					مختبر تحاليل كيماوية وبيولوجية
Pipelines Inspection & Repairing					فحص خطوط الانابيب ومعالجتها
Occupational Safety Consultancy					استشارات السلامة والصحة المهنية
Physical & Mechanical Testing Laboratory					مختبر للفحوص الميكانيكية والفيزيائية
Nondestructive Testing Services					خدمات الفحص اللاإتلافي

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الإمارات
THE EMIRATES

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

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B-2 Abu Dhabi Economic Licence

Abu Dhabi Department of Economic Development | CN-1019600 | 2 pages

ADRA
سلطة أبوظبي للتسجيل
Abu Dhabi Registration Authority

دائرة التنمية الاقتصادية
DEPARTMENT OF ECONOMIC DEVELOPMENT

رخصة أبوظبي الاقتصادية
Abu Dhabi Economic Licence

Licence Details — تفاصيل الرخصة

Licence Type	Business	تجارية	نوع الرخصة
Licence Category	Normal	عادية	فئة الرخصة
Licence No.	CN-1019600		رقم الرخصة
Unified Registration No.	101-2021-100112488		رقم التسجيل الموحد
Unified Licence No.	501-2000-100023750		رقم الرخصة الموحد
Establishment Date	23/04/2000		تاريخ التأسيس
Issuance Date	16/11/2026		تاريخ الإصدار
Expiry Date	14/12/2027		تاريخ الإنتهاء
Legal Form	Limited Liability Company - Sole Proprietorship Company	شركة ذات مسؤولية محدودة - شركة الشخص الواحد	الشكل القانوني
Trade Name	EMIRATES INDUSTRIAL LABORATORY - L.L.C - O.P.C	مختبر الامارات الصناعي - ذ.م.م - ش.ش.و	الإسم التجاري

Ownership and Representatives — الملكية والممثلين

ممثل عن Representative of	الدور/المنصب Role/Position	الجنسية Nationality	الاسم Name
	مالك	الإمارات العربية المتحدة	نريمان عبدالله قمبر العوضي
	Owner	United Arab Emirates	NARIMAN ABDULLA KAMBER ALAWADHI
	مدير	الإمارات العربية المتحدة	نريمان عبدالله قمبر العوضي
	Manager	United Arab Emirates	NARIMAN ABDULLA KAMBER ALAWADHI

Licence Activities — الأنشطة المرخصة

- Pipelines Testing and Treatment Services	7120008	- فحص خطوط الأنابيب ومعالجتها
- Technical maintenance of factories and oil installations(0910009)	0910009	- الصيانة الفنية للمصانع و المنشآت البترولية
- Onshore And Offshore Oil And Gas Fields And Facilities Services	0910018	- خدمات حقول ومنشآت النفط والغاز البرية والبحرية
- Concrete and Metal Facilities Corrosion and Oxidation Resistant Services	4390014	- خدمات مقاومة الصدأ و التآكل للمنشآت الخرسانية و المعدنية
- Chemical and Biological Analysis Lab	7120002	- مختبر تحاليل كيماوية وبيولوجية
- Repair welding pipes UNDER THE WATER	3311007	- اصلاح الانابيب باللحام تحت مستوي البحر
- Mechanical and Physical Tests Lab	7120015	- مختبر الفحوص الميكانيكية والفيزيائية
- Soil Testing Services	7120001	- خدمات فحص التربة

Address — العنوان

Official Email	mehmet@eil.ae	البريد الإلكتروني الرسمي
Official Mobile	971551106019	رقم التواصل الرسمي
Address	مدينة أبوظبي الصناعية, ايكاد 1, 0 : ~, مستودع, شركة ابوظبي للموانئ ش م ع	العنوان

www.adra.gov.ae

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B-2 (continued) Abu Dhabi Economic Licence

ADRA
سلطة أبوظبي للتسجيل
Abu Dhabi Registration Authority

دائرة التنمية الاقتصادية
DEPARTMENT OF ECONOMIC DEVELOPMENT

رخصة أبوظبي الاقتصادية
Abu Dhabi Economic Licence

Additional Information		معلومات إضافية
ADCCI No	3169	رقم عضوية الغرفة
MOHRE Establishment Card No.		بطاقة المنشأة - وزارة الموارد البشرية والتوطين
ICP Establishment Card No.		بطاقة المنشأة - الهيئة الأتحادية للهوية والجنسية

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B-3 VAT Tax Group Registration Certificate

Federal Tax Authority | TRN 100222419200003 | 2 pages

الهيئة الاتحادية للضرائب
FEDERAL TAX AUTHORITY

United Arab Emirates

شهادة تسجيل ضريبي لضريبة القيمة المضافة في الامارات العربية المتحدة
أُصدرت بموجب الصلاحية الممنوحة بموجب المادة (4) من المرسوم بقانون رقم (13) لسنة 2016 بشأن إنشاء الهيئة الاتحادية للضرائب

Certificate of VAT registration in the United Arab Emirates
Issued under the authority allocated by Art. 4 of the Federal Decree-Law No. 13 of 2016

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 الإمارات العربية المتحدة
Tax Registration Number	**100222419200003**	رقم التسجيل الضريبي
Legal Name of Entity (Arabic)	مختبر الإمارات الصناعي ش.ذ.م.م	الاسم القانوني للكيان (باللغة العربية)
Legal Name of Entity (English)	**EMIRATES INDUSTRIAL LABORATORY LLC**	الاسم القانوني للكيان (باللغة الانجليزية)
The Registered Address and Contact Number	**INSIDE DRYDOCKS WORLD DUBAI, AL MINA ROAD, DRYDOCKS, DUBAI, 6892, Dubai +971 43457480**	العنوان المسجل ورقم التواصل
Effective Registration Date	**01/01/2018**	تاريخ التسجيل الفعلي
First VAT Return Period	**01/01/2018 - 31/03/2018**	فترة أول إقرار لضريبة القيمة المضافة
First VAT Return	**29/04/2018**	أول إقرار لضريبة القيمة المضافة
Start and End Dates of Tax Periods	**1st Apr to 30th Jun, 1st Jul to 30th Sep, 1st Oct to 31st Dec, 1st Jan to 31st Mar**	تواريخ بدء وانتهاء الفترات الضريبية

Tax Group Members — أعضاء المجموعة الضريبية

No.	Member Name	Date of Joining / تاريخ الالتحاق	اسم العضو
1	EMIRATES INDUSTRIAL LABORATORY LLC	01/01/2018	مختبر الإمارات الصناعي ش.ذ.م.م
2	Emirates Industrial Laboratory (Branch)	01/01/2018	مختبر الإمارات الصناعي (فرع)
3	EMIRATES INDUSTRIAL LABORATORY - L.L.C - O.P.C	01/01/2018	مختبر الامارات الصناعي - ذ.م.م - ش.ش.و

List of Main trade license, Sole Establishments and branches licenses details under the registered taxable person - EMIRATES INDUSTRIAL LABORATORY LLC

قائمة الرخصة التجارية الرئيسية والمؤسسات الفردية والفروع المندرجة ضمن التسجيل الضريبي - مختبر الإمارات الصناعي ش.ذ.م.م

يرجى التأكد من صحة تفاصيل الشهادة. يجب إبلاغ الهيئة الاتحادية للضرائب في حال تغيير الأسس 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.**

Date of Issue 29/07/2024 تاريخ الاصدار

Version Number 2018/VAT/MIGRATION/002 رقم الإصدار

B-3 (continued) VAT Tax Group Registration Certificate

الهيئة الاتحادية للضرائب
FEDERAL TAX AUTHORITY

United Arab Emirates

No.	Legal Name	Trade License Issuing Authority	Trade License Number/ رقم الترخيص التجاري	هيئة إصدار التراخيص التجارية	الاسم القانوني
1	EMIRATES INDUSTRIAL LABORATORY LLC	Dubai Economy and Tourism	102287	اقتصادية وسياحة دبي	مختبر الإمارات الصناعي ش.ذ.م.م

List of Main trade license, Sole Establishments and branches licenses details under the registered taxable person - EMIRATES INDUSTRIAL LABORATORY - L.L.C

قائمة الرخصة التجارية الرئيسية والمؤسسات الفردية والفروع المندرجة ضمن التسجيل الضريبي - مختبر الامارات الصناعي - ذ.م.م - ش.ش.و

No.	Legal Name	Trade License Issuing Authority	Trade License Number/ رقم الترخيص التجاري	هيئة إصدار التراخيص التجارية	الاسم القانوني
1	EMIRATES INDUSTRIAL LABORATORY - L.L.C - O.P.C	Abu Dhabi Department of Economic Development	CN-1019600	دائرة التنمية الاقتصادية في أبوظبي	مختبر الامارات الصناعي - ذ.م.م - ش.ش.و

يرجى التأكد من صحة تفاصيل الشهادة. يجب إبلاغ الهيئة الاتحادية للضرائب في حال تغيير الأسس 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.**

Date of Issue 29/07/2024 تاريخ الاصدار

Version Number 2018/VAT/MIGRATION/002 رقم الإصدار

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Our team provides technical consultation, service proposals, project coordination and specialist support tailored to client requirements across the UAE and international markets.

Dubai

Head Office & Central Laboratory

Emirates Industrial Laboratory L.L.C.

Inside Drydocks World Dubai
Al Mina Road, Dubai
United Arab Emirates
P.O. Box 6892

+971 4 345 7480
enquiry@eil.ae
www.eilab.ae

Abu Dhabi

Operations Base

Emirates Industrial Laboratory L.L.C. – O.P.C.

Warehouse No. 4, Block A, Plot No. 2H1
ICAD 1, Abu Dhabi
United Arab Emirates

+971 4 345 7480
enquiry@eil.ae
www.eilab.ae

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- Requests for quotations and tender submissions
- Laboratory testing and inspection requirements
- Project mobilisation and technical manpower
- Specialised NDT and engineering services
- Vendor registration and prequalification documentation

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