



One Stop Solution for all your testing needs...





COMPANY PROFILE

COMPANY PROFILE

COMPANY PROFILE

Lonestar (Lonestar Dubai, Lonestar Br. Jebel Ali & Lonestar Abu Dhabi) are ISO/IEC 17025:2017 Accredited Testing Laboratories by EIAC (Lonestar Dubai, Lonestar Br. Jebel Ali & Lonestar Abu Dhabi), GAC (Lonestar Dubai) and ENAS (Lonestar Abu Dhabi) in accordance with the scope of accreditation available on their respective website. Lonestar Dubai is also accredited by EIAC in accordance with ISO/IEC 17020:2012. Both Locations (Lonestar Dubai & Abu Dhabi) are also ISO 9001:2015, 14001:2015 and 45001:2018 Certified.

LONESTAR

(Engineering, Inspection, Testing & Lab Services)

Lonestar Technical Services (L.L.C)

P.O. Box 8817, Al Jadaf
Dubai – U.A.E

Telephone: +971 4 324 3888

Facsimile : +971 4 324 3682

Email: Testing@Lonestar-Lab.com

Lonestar Technical Services (L.L.C.) Br.

P.O. Box: 8817, Jebel Ali
Dubai – U.A.E

Telephone: +971 4 880 2257

Facsimile : +971 4 324 3682

Email: CivilGeoDxb@Lonestar-Lab.com

Lonestar Technical & Industrial Services (L.L.C.)

P.O. Box 6098, Musaffah
Abu Dhabi – U.A.E

Telephone: +971 2 550 0767

Facsimile : +971 2 550 0838

Email: Ltis@eim.ae

Website: www.Lonestar-Lab.com

LOCATIONS

• AL JADAF (DUBAI) • JEBEL ALI (DUBAI) • MUSAFFAH (ABU DHABI) • AL JURF (AJMAN) • OMAN • KUWAIT • K.S.A



TABLE OF CONTENTS

| | Sections |
|---|----------|
| About Us | 1 |
| Mission Statement | 2 |
| Quality Policy | 3 |
| Occupational Health, Safety & Environmental (OHSE) Policy | 4 |
| FANR Permit..... | 5 |
| Accreditations & Certifications | 6 |
| Registration & Prequalification with Major Clients..... | 7 |
| Location Maps..... | 8 |



ABOUT US

Lonestar came into existence as a result of the demand that existed locally from various industries for a high-tech, multi-disciplinary testing and investigation facility that delivers on-time testing services and meet international standards.

Lonestar was established in 1992 to meet the industry requirement by establishing Lonestar Technical Services in the emirate of Dubai in the United Arab Emirates. In the following years, the need to extend the testing and laboratory services to the emirate of Abu Dhabi - UAE, resulted in the establishment of our laboratories in Abu Dhabi, Ajman, Oman, Kuwait and Kingdom of Saudi Arabia.

Lonestar is registered and licensed as a laboratory with Dubai Municipality, the regulatory authority of the Emirate.

Quality Training

Lonestar has strong in-house quality training program. Continuous training is imparted to all the staff in their respective fields to meet the growing need of customers and international standards. Our quality-training program is based on the principle of continuous improvement.

Our staffs are trained in various disciplines and special training is provided for specific projects, when required.

QA/QC Areas

For any test result to be valid and reliable, careful monitoring and implementation of QA/QC procedures are required. One key element of successful quality assurance is regular participation of a laboratory in a national and/or international Proficiency Testing Program (PTP) program. Lonestar Dubai and Lonestar Abu Dhabi participates regularly in national and international PTP with most results exceeding the minimum requirements of acceptance.

The strength of our QA/QC program encompass the following areas:

- Sampling Procedures
- Analytical Procedures, Revisions and Validations
- Internal Quality Control Checks
- Internal Training Programs
- Corrective Action Reports (CARs)
- Management Review Meeting (MRM)
- Calibration Checks and Frequencies
- Reporting
- Internal Performance and System Audits
- Assessment of Precision and Accuracy
- Non Conformance Reports (NCRs)
- Internal Quality Audit (IQA)

Lonestar Major Diversified Divisions/Testing Facilities:

- Analytical Chemistry Division
- Food Testing Division
- Industrial Hygiene Division (IH)
- Mechanical/Material Testing Division
- Corrosion Testing
- Salt Spray Test Facility
- OCTG Inspection Division
- Third Party Inspection (TPI) Services Division
- Geotechnical Engineering Division
- Environmental Testing Division
- Indoor Air Quality Division (IAQ)
- Clean Room Validation
- Metallurgical Failure Investigation Division
- Full Ring / Coating Testing Facility
- NDT, Heat Treatment & Inspection Division
- Lifting Equipment Inspection Division
- Civil/Construction Material Testing Division
- Topographic Survey



ANALYTICAL CHEMISTRY DIVISION

Lonestar Dubai & Abu Dhabi offer the most advanced and unique environmental, chemical and water analysis in the Middle East / Gulf Region. Our full complement of analysis is conducted on various matrices which includes:

Waste Water and Effluents Analysis: Services offered for Dubai Municipality waste disposal / Jebel Ali Free Zone Authority / Abu Dhabi Municipality / ADSSC / Sharjah / Trakhees.

Drinking Water Analysis: Chemical and Microbial analysis of drinking water as per GSO / WHO / RSB guidelines

Sludge / Waste Paint Analysis: Services offered for Dubai Municipality waste disposal / Jebel Ali Free Zone Authority / Abu Dhabi Municipality / ADSSC / Sharjah / Trakhees.

Soil And Sediment Analysis: We offer services for Soil and Sediment sample analysis for various Inorganic tests parameters including Heavy metals and Organic tests like TPH - Total Petroleum Hydrocarbons, VOC-Volatile Organic Compound, SVOC-Semi Volatile Organic Compound, Organochlorine Pesticides, PCB-Polychlorinated Biphenyl, Halo Acetic Acid, TrihaloMethanes, Phenols, Polynuclear Aromatic Hydrocarbons by US EPA methods.

Oil Analysis: We offer services for new and used Oil samples from ship engines, transformer for evaluation of quality and continuous usage. Services are also offered for Fuel Oil - Gasoline, Diesel and Heavy Fuel Oil.

Foam Analysis: Foam samples are analyzed for their continuous usage as a part of ship / vessel requirements as per MISC 16 / 312.

Deposit / Scale Analysis: Scale and Deposit samples are routinely analyzed for determination of their composition which helps our client determine the source of corrosion / contamination and thus helps them prevent material repair and time loss.

Steel Analysis

Ferrous & Non- Ferrous Steel Analysis: We routinely offer services for determination of grades of various Steels – Carbon / Stainless / Duplex / Inconel, Aluminum, Brass and Bronze materials by Optical Emission Spectroscopy / wet methods with a turnaround time of 24 hours. Our faster TAT saves a lot of time for our clients as it help them procure the right material at right time for timely service to their client.

Zinc / Aluminum Coating Analysis: Services offered for determination of Zinc and Aluminum coatings for routine compliance for projects as per ASTM and ISO methods.

Corrosion Inhibitor Analysis

Corrosion Inhibitors are routinely used in Oil Field Industry for prevention of Rust and Deposit in the pipelines. Corrosion Inhibitor analysis is carried out using FTIR and other techniques to evaluate their quality as per client order requirements which helps them decide the correct inhibitor for a specific requirement.

Microbiological Analysis

Microbial analysis of Drinking water / sludge / Food / Waste water as per GSO / WHO / RSB guidelines. We also offer Growth media, sampling and analysis of SRB-Sulfate Reducing Bacteria / GAB-General Aerobic Bacteria analysis / APB-Acid Producing Bacteria in Oil Field water and Deposit samples.

Legionella analysis in drinking water samples.



ENVIRONMENTAL TESTING DIVISION

Lonestar provides compliance monitoring to Municipal, Federal and International standards. Our expertise is made possible by our integrated team of professionals in the field. Laboratory analysis of air sampling is performed using NIST or equivalent standards for accuracy. Our equipment are calibrated/inspected routinely to ensure maximum sensitivity and efficiency.

Stack / Stationary Source & Ambient Air Monitoring

We routinely offer services for Stack, Ambient and Noise monitoring for various clients in Dubai, Abu Dhabi and regional Gulf countries for their Municipality and Federal Guidelines compliances. Our parameters includes routine test parameters like Particulate Monitoring, Oxides of Nitrogen, Sulfur Dioxide, Ozone, Total Volatile Organic Compounds in Stack and Ambient sources.

We also offer Dioxin and Furan sample collection and analysis for incinerator emission monitoring.

Monitoring Performed

Lonestar provides Stack Testing and Ambient Air Monitoring services to solve many environmental challenges:

- Emissions Surveys
- Trial Burns
- CEMS/PEMS Certifications
- Control Equipment Specification / Performance / Acceptance
- Worker and Public Safety / Air Quality
- Real-Time Process Evaluation and Optimization
- Waste Reduction
- Regulatory Compliance
(Title V, MACT, BACT, NESHAP, NSPS, PSD etc.)

Particulates Monitoring

Monitoring Particulates in indoor, outdoor and workplace atmosphere is performed by Lonestar using:

- Sampler equipped with continuous data logging capability
- Measurement of Total Suspended Particulate (TSP) & Respirable Particulate (PM10)

Noise Monitoring

Noise Monitoring is carried out for work place and Ambient Air using Class 1 Noise Meter which confirms to IEC 61672 Class 1 and reporting with data logging for Leq, Lmax, Lmin, Leq 50, L10 and L90. As part of the workplace compliance program with many companies, Lonestar monitors Noise Levels as follows:

- Measurement of Noise in dB in Outdoor, Workplace and from Operating Equipment
- Noise meter confirms to IEC 61672 Class 1 and Class 2 ANSI S-1.4
- Meter with continuous data logging ability and measures Total dB, Leq, min. & max, Leq50, L10 & L90.



FOOD TESTING DIVISION



**Raw and
Cooked Food**



Drinking Water



Animal Feed



Cosmetics



**Food Ingredients /
Additives**

The Food and water microbiological testing division includes analytical services to detect and enumerate pathogenic microbes (such as Salmonellae, Listeriae, Legionella) and their toxins. Detection of organisms causing decay (such as yeasts, fungi or molds) and to provide hygiene quality checks (such as Total Bacterial count, Total / Fecal coliforms, Clostridium perfringens, Staphylococcus, Enterobacteriaceae) with the aim of making foods, water and other products such as cosmetics safer for our clients, meeting statutory requirements and safeguarding the consumer brand.

Lonestar analyses water and food samples per ISO 17025 accredited scope and in compliance to the prevailing local regulations. We undertake sample collections and transport samples under strict food microbiology transport practices adhering to relevant local regulations.

Lonestar now offers food testing in a variety of matrices:

- Raw and Cooked Food
- Drinking Water
- Animal Feed
- Cosmetics
- Food Ingredients / Additives





Quality, Hygiene, Pathogens and Toxins

Some of the common pathogens like *Salmonella* Spp., toxin-producing *Escherichia coli*, *Listeria monocytogenes* and *Campylobacter* spp., enter the food chain through contaminated animal, fruit and vegetable products. Food borne pathogens that reach consumers can cause illness and severe complications resulting in fatality. Contaminated food products that reach the food chain, even if they are discovered in a timely manner, can still impart an irreversible damage to a brand and manufacturer. A very agile and effective food pathogen detection program is vital to protect consumer safety, achieve regulatory compliance and minimize risk to your brand.

Our microbiological testing includes detection and identification of a large number of pathogenic micro-organisms (pathogens) such as:

- Total Bacterial Count
- Legionella Pneumophila
- Salmonella
- E. coli O157 / H7
- Staphylococcus Aureus
- Escherichia Coli
- Vibrio Parahaemolyticus
- Total and Fecal Coliforms
- Yeast and Mold
- Enterobacteriaceae
- Listeria Monocytogenes
- Bacillus Cereus
- Clostridium Perfringens

We aspire to support our client's efforts and programs by providing safe products to their consumer market.

Please contact LONESTAR today to enquire about our Water and Food pathogen testing services and how we can help you protect your business, customers and consumers and most importantly **YOUR BRAND**.



INDUSTRIAL HYGIENE/INDOOR AIR QUALITY DIVISION

Lonestar is the largest Industrial Hygiene (IH) / Indoor Air Quality (IAQ) Field Services Team in the MENA Region. Our Project Sampling services utilizes dedicated team of technically qualified field staff and the latest Intrinsically Safe (IS) equipment. Lonestar performs Airborne, Bulk Material and Surface Type Chemical, Physical, Noise, Asbestos, Microbiological Inspection / Survey / Sampling / Analysis.

Industrial Hygiene (IH) Monitoring

Industrial Hygiene (IH) Monitoring Tests Conducted:

- Silica
- Acid Mists
- Hazardous Gases
- Dusts / Particulates
- Hazardous Chemical Compounds
- LUX / Lighting / Illumination Monitoring
- Sound/Noise Level Monitoring (Ambient/Area & Personnel/Dosimetry)
- Analysis of Bulk Material Samples for Asbestos/Non-Asbestos by Visual ID
- Inspection / Survey / Sampling / Analysis of Work Place for Asbestos, Lead, Hazardous Chemicals / Metals / Dusts / Fumes.
- Hazardous Metals
- Asbestos in Air
- Meteorological
- Microbiological
- Breathing Air Quality
- Occupational Parameters
- Vibration Monitoring
- Combustible Gases
- Oil Mists

Industrial Hygiene (IH) Monitoring performed for following requirements:

- Municipal, Commercial, Industrial, Governmental Regulatory Agency.
- Internal audit workplace monitoring for occupational exposure risk assessment.

Indoor Air Quality (IAQ) Monitoring

Indoor Air Quality (IAQ) Monitoring Tests Conducted:

- Particulate Fractions
- Differential Pressure
- Vibration Monitoring
- Fungal/Mold Spore Identification/Quantification
- Toxic Vapors & Gases
- Occupational Parameters
- Hazardous Metals Dusts/Fumes
- Acid Mists
- Silica
- Oil Mists
- LUX/Lighting/Illumination Monitoring
- Hazardous Chemical Compounds
- Occupational/Workplace Monitoring
- Meteorological
- Microbiological
- Air Velocity
- Sound/Noise Level

Typical Indoor Air Quality (IAQ) Surveys:

- IAQ or IEQ profile for LEED GREEN Building
- Mold/Fungal Spore contamination
- IAQ Occupational Monitoring of Workplace for Sick Building Syndrome
- Mold/Fungal Spore Airborne Contamination Monitoring
- Compliance Monitoring for Municipal, Commercial, Military, Industrial or Governmental Agency requirements.
- IAQ Monitoring
- Sick Building Syndrome

Typical IH/IAQ Monitoring Locations:

Commercial Office Buildings, Industrial and Medical Facilities, Military Facilities, Hotels, Manufacturing Facilities, Schools, Engineering Services Facilities, Federal & Municipal Facilities, Personnel Training Facilities, Ships and Offshore Vessels, Rigs, Executive Offices, Private Facilities, Fabrication Yards, Accommodation Facilities - Onshore/Offshore.



CLEAN ROOM VALIDATION



Lonestar offers a wide range of Clean Room Validation/Inspection/Testing/Certification services to Healthcare facilities, Pharmaceutical facilities, Research/Testing Laboratories and Manufacturing facilities supported by an experienced team of trained engineers, technicians and modern equipment. Lonestar has gained the reputation of providing accurate and timely professional services; particularly when it relates to validation of clean rooms in the Healthcare and Pharmaceutical facilities as per the requirements/technical guidelines of UAE-MOHAP / DOH / HAAD / OSHAD / DHA and International ISO 14644, ISO 14698, BS EN ISO 14644, EN 12469, UK-HTM, EU GMP, HACCP / ISO / FSSC 22000, US-Federal STDS 209, CDC, ASHRAE, NSF / ANSI 49 and USP 800.

Clean Room Test Parameters:

- **Airborne Particle Counts:** Particle Fraction Size: 0.1µm, 0.3µm, 0.5µm, 5.0µm
- **Filter Integrity Testing / DOP Testing:** Integrity Testing of HEPA (99.995%) Filter and ULPA (99.9995%) Filter
- **Ventilation Testing:** Air velocity, Volumetric Air Flow, Air Changes Rate, Smoke (Air Flow) Pattern / Visualization
- **Pressure Differential Testing:** Controlled (Positively / Negatively) Environment Pressurization to Adjacent Area
- **Bio-Safety Cabinet Testing / Fume Hood Testing:** Containment Leak, Face / Capture velocity, Smoke (Air Flow) Pattern / Visualization
- **Thermal Comfort:** Temperature and Relative Humidity
- **Visual comfort:** Light Illumination Level
- **Noise Comfort:** Sound / Noise Level
- **General Indoor Air Quality:** Oxygen, Carbon Monoxide, Carbon Dioxide, Ozone, Formaldehyde, Sulphur Dioxide, Nitrogen Dioxide, Total Bacterial Count (TPC), Yeast / Mold and Fungi

CLEAN ROOM VALIDATION



**Healthcare
Facilities**



**Pharmaceutical
Facilities**



**Research /
Testing Laboratories**



**Manufacturing
Facilities**

Our Services to Following Sectors:

Healthcare Facilities:

Operation Theatres, Delivery suites, ICU, NICU, PICU, IVF, Isolation Rooms, Procedure Rooms, Dialysis Rooms, ER Rooms, Recovery Rooms, CSSD-Dirty / Sterile / Packing areas, Laboratories, Positive and Negative Protective Environments, etc.

Pharmaceutical Facilities:

IP Pharmacy, Clinical Trial / Aseptic Preparation and Support Rooms including Sterilization, Sterile Filling, Sterile Store, Controlled Drugs Stores, etc.

Research / Testing Laboratories:

Aseptic Preparation and Support Rooms including Sterilization, Sterile Filling, Sterile Store, Food Testing Labs, Health Screening Labs, Positive and Negative Protective Environments, etc.

Manufacturing Facilities:

Food Products, Cosmetic / Skincare Products, Healthcare Equipment's / supplies, Aeronautical Equipment's / Supplies, Medicine / Drugs / Aseptic Preparation and Support Rooms including Sterilization, Sterile Filling, Sterile Store, Positive and Negative Protective Environments, etc.



MECHANICAL TESTING/METALLURGY DIVISION

Lonestar has the capability to cater to the Mechanical Testing requirements of a wide range of materials and products. The testing capability and experience are recognized by reputed classification societies and third party inspection agencies.

Mechanical/Material Testing Division

Our Mechanical Testing Division is equipped to perform Mechanical Testing for wide range of materials and products. The tests we perform include:

- Tensile Test
- Hot Tensile Test
- Impact Test
- Bend Test
- Macro Examination
- Micro Examination
- Compression Test
- Fillet Fracture Test
- Nick Break Test
- Proof Load Test
- Flattening Test
- Flaring Test
- Crack Tip Opening Displacement (CTOD)
- Hardness Test (Brinell, Vickers and Rockwell)



Metallurgical Failure Investigation Division

Lonestar offers a wide range of metallurgical services to many diverse industries supported by an experienced team of metallurgical engineers, trained technicians and modern equipment. We offer a spectrum of metallurgical testing and it includes:

- Root Cause Metallurgical Failure analysis
- Replica Metallography
- Stereo and Optical Microscopy
- Grain Size Measurement
- Point count Method for Delta Ferrite
- Micro Structural Analysis



Coating Testing Facility

We provide a comprehensive list of coating test which is mainly applicable to pipes and field joint coatings.

The test we perform include:

- Cathodic Disbondment Test
- Holiday Detection
- Tensile Test
- Water Absorption Test
- Impact Strength
- Heat Ageing
- Pull Off Adhesion Strength
- Lap Shear Test
- Porosity Test
- Hot Water Immersion Test
- Flexibility Bend Test
- Coating Thickness Verification
- Peel Off Adhesion Strength
- Indentation / Penetration Resistance
- Coating Resistivity / Electrical Insulation Resistance Test



Corrosion/Full Ring Testing Facility

Our corrosion testing laboratory can perform a wide range of testing to qualify the material for sour service and various critical applications.

The test we perform include:

- Full Ring Test
- Hydrogen Induced Cracking (HIC)
- Intergranular Test (IGC)
- Pitting and Crevice Corrosion Test
- Sulfide Stress Corrosion Cracking Test (SSCC)
- Stress Orientated Hydrogen Induced Cracking (SOHIC) Test



NDT, HEAT TREATMENT & INSPECTION DIVISION

Lonestar has an independent NDE & Inspection and Heat Treatment services division providing full range of NDE and inspection services locally and internationally. Our extensive list of technical services includes a full range of accepted NDE methods, QA/QC function, welding & coating inspection.

In-Service Conditioning Monitoring

- Pipeline
- Plant Piping
- Storage Tank Farms
- Heat Exchangers, Columns, Silos
- Pressure Vessels

Services Provided

Ultrasonic Testing

- Manual UT
- Condition Monitoring Thickness Surveys
- UT Mapping for Petrochemical, Equipment, Piping

Pre & Post Weld Heat Treatment

- Local Pre and Post Weld Heat Treatment
- PWHT Utilizing Electrical Resistance Coils and Temporary Furnace

Radiographic Testing

- X-Ray Directional
- Profile Radiography
- Pipeline Internal X-ray Crawlers for pipe Dia 6" to 60"
- Gamma-Ray Iridium-192 and Selenium-75

Leak Testing

- Vacuum Box Testing of Tank Floor
- Holiday Detection

Magnetic Particle Testing

- Magnetic Particle Inspection
- Fluorescent Method

Advanced Ultrasonic Testing

- Phased Array Ultrasonic Testing (PAUT)
- Time of Flight Diffraction Testing (TOFD)
- Long Range Guided Wave Ultrasonic Testing (LRUT)
- Short Range Guided Wave Ultrasonic Testing (SRGUT)
- Internal Rotary Inspection System (IRIS)

Electromagnetic Test (ET)

- Eddy Current Test (ECT)
- Near Field Test (NFT)
- Remote Field Testing (RFET)
- Alternating Current Field Measurement (ACFM)
- Saturated Low Frequency Eddy Current (SLOFEC)

Other Services

- Liquid Penetrant Testing (PT)
- Visual and Optical Testing (VT)
- Positive Material Identification
- Digitization of Radiographs
- Field Hardness Testing
- Ferrite Content Measurement
- Acoustic Emission Testing (AET)



LIFTING EQUIPMENT INSPECTION DIVISION

The objective of this service is to independently assure the safe and proper working capability and condition of each individual crane or lifting and hoisting equipment. Lonestar Inspectors know and understand the legal conditions and regulatory requirements throughout the world. They know exactly how and when lifting and hoisting equipment must be assessed, tested or inspected. Their expertise, experience and modern facilities enable them to trace any defects in a timely manner.

Lonestar provides periodic inspection for all types of lifting equipment. These include, but are not limited to:

- Fork Lift Trucks
- Aerial Access Units
- Overhead Cranes
- Chain Blocks
- Eye Bolts
- Lifting Beams
- Escalators
- Rigging Screws (Turn Buckles)
- Cranes all types (Hydraulic / Mechanical – Mobile / Crawler)
- Stacker Units
- Jacks (Hydraulic & Manual)
- Hoists (Chain & Wire Rope)
- Wire Rope Slings
- Synthetic Webbing Sling
- Shackles (DEE / BOW)
- Passengers / Cargo Lifts

Lonestar has qualified and competent LEEA certified staff and NDT personnel to help you in meeting the safety and regulatory requirements.

Advance Tools Straightpoint™ Radiolink Load Testing Exercise

When Proof Load Testing of the lifting equipment is required, precise measurement of the Test Load is a serious issue. Minor negligence in calculation of Test Load can result in the failure of equipment during Proof Load Testing. Lonestar is fully equipped with the Digital Load measuring Device (Digital Load Cell) upto 25 Tons (quantity 1 Nos.) in which one is wireless interface with digital portable display.

Applications:

- Under Hook Crane Weighing
- Bollard Pull Testing and Certification
- Heavy Lift and Rigging
- Wire Rope and Cable Tension Monitoring
- Structural Load Testing and Certification
- Water Weight Testing and Calibration
- Shipping & Receiving Weighing
- Manufacturing and Heavy Construction
- Event Staging and Rigging
- Off Shore Mooring Anchor Setting
- Escalator Comb Impact Testing
- Crane and Hoist Calibration and Proof Load Testing



Lonestar specializes in providing a combination of OCTG inspection of Bottom Hole Assemblies, Drill Pipes, Tubing and Casing, Hoisting and Handling Tools, Load Testing and other engineering services.

Bottom Hole Assemblies

Bottom Hole Assembly ("BHA") inspection consists of inspection of drill collars, heavy weight drill pipe, cross over subs, stabilizers, reamers and bit subs. The inspection of bottom hole assemblies includes wet, fluorescent, Magnetic Particle Inspection of threads and upset areas, Visual Inspection of threads for mechanical damage, over torque. Dimensional check of thread components, field repair as well as thread profile, and lead check of threads. BHA inspection will conform to API RP7, T.H.Hill DS1, or any other standards nominated by the client. Inspection equipment is mobile and inspection can be done at the rig site or at the client's yard. Lonestar can field reface common rotary-shouldered connections if required. Minor damage to the seal area can be removed with Prefacing to set limits. Damage beyond set limits requires shop repair.



Drill Pipes

Drill Pipes Inspection is set at regular intervals depending on drilling conditions and past failures experienced. For Drill Pipes Inspection Lonestar uses New Tech Systems, Electromagnetic Inspection Units (EMI) with wall loss monitor. These Units are capable of inspecting 2 3 / 8" up to 6 5 / 8" OD drill pipe. Wall thickness readings are required to be taken, with the use of Ultrasonic Thickness gauges. Values for down grading pipe due to wall thickness loss are set by client or inspected to comply with set standards. The set standards will conform to API RP7G, T.H.Hill DS1 or any other standards nominated by the client.

In addition to tubular body inspection, thread inspection is carried out both visually and dimensionally for API and premium connections.

We also offer services, which includes Magnetic Particle Inspection (MPI) of drilling rig mast, sub base, pipe elevators, slips, tongs, sheaves, welded areas of high-pressure lines and various other hoisting and drilling equipment. Most of the above items are inspected utilizing A.C. Yoke magnetic flow technique.



Tubing / Casing

Lonestar can perform Visual Inspection of the body (and thread) to identify external damage and full-length drifting of the tubular structures. Additionally, maintenance services, like cleaning, coating, hardness-testing, thread-gauging and ultrasonic wall-thickness measurement are conducted by Lonestar technicians.



Handling & Hoisting Tools Inspection Service

A spectrum of tools including, but not limited to, hooks, traveling blocks, tongs, elevators, links, swivels, and clamps are inspected. Techniques employed include Visual Examination and Magnetic Particle Inspection on critical areas, generating integrated computerized reports.



THIRD PARTY INSPECTION (TPI) SERVICES DIVISION

Lonestar has an independent Third Party Inspection Services (TPI) division providing services locally and world-wide to ensure and verify quality and compliance to the clients' requirements as well as to international standards. Our TPI services have various approvals and registrations from internationally recognized entities which include Oil & Gas sector, EPC & construction companies. Quality management system for TPI Division of Lonestar is certified in accordance with ISO 9001:2008.

Lonestar maintains a worldwide staff of qualified and experienced inspectors through our associates. We provide global coordination of inspection activities and a uniform inspection approach. Our TPI inspectors are committed to providing consistent quality service at all times. Our global reach allows us to mobilize qualified staff and reduce overall inspection costs to our clients.

Lonestar provides inspection services to all of the main sectors and industries including:

- Power Generation and Distribution • Fertilizers and Pharmaceuticals
- Chemicals & Petrochemical • Mining • Manufacturers • Pipelines
- Refineries • Oil & Gas • Utilities • Project HSE and QA/QC activities
- Project Management Services for Civil, Mechanical, Electrical and Instrumentation

We are actively involved in Third Party Inspection during:

- Investigations and Review of Failure • API Introductory Trainings
- Supply of Project Technical Resources • Calibration of Storage Tanks
- Specialized NDE (PAUT, TOFD) • NDT Training and Certification
- Tubular Inspection and Integrity • Plant Integrity Services
- Lifting Equipment Inspection and Certifications
- Conventional NDE (Workshop and at Site)
- Provision of QA/QC and Inspection Personnel
- Supply of ASNT NDT Level III Certified Personnel
- Source Inspections during Fabrication of Pressure System Modular and Equipment

Inspection During New Fabrication

- Storage Tanks • Compressors • Valves and Fittings
- Pumps & Blowers • UPS & Transformers • Generators
- Turbines • Pressure Equipment, Piping & Pipelines
- Instrumentation and Control Systems

In Service Inspection

- Re-qualification of Plant Equipment, Piping • Maintenance Inspection

Manpower Deployment

- Witnessing Performance Test • NDE Crew
- Project Management • Expediting Services
- NDT Personnel Qualification
- Supply of Technical Resources & Manpower
- Qualification of Welding Procedures and Welders



CIVIL/CONSTRUCTION MATERIAL TESTING DIVISION

Civil/Construction Material Testing Division of Lonestar Abu Dhabi & Lonestar Dubai offers a wide range of Construction Material Testing Services through our well experienced Management team and supporting technical crew, who undertake challenges of the industry. Our Civil lab possess the capabilities of testing Physical and Mechanical properties of construction materials both field and laboratory to check the compliance with local / international / project specifications as per ASTM, AASHTO, BS and DIN standards.

Soil Testing

- Plate Loading Test
- Soil Resistivity (Field & Lab)
- Particle Size Distribution (Sieve & Hydrometer)
- Maximum Dry Density-Optimum Moisture Content Relationship (MDD/OMC)
- California Bearing Ratio (CBR), Field Density Test
- Liquid Limit, Plastic Limit and Plasticity Index (LL, PL & PI)
- Specific Gravity, Linear Shrinkage, Sand Equivalent Value
- Field Compaction by Sand Replacement Method and Nuclear Density Meter
- In situ CBR Testing
- Thermal Resistivity (Field & Lab)



Fresh & Hardened Concrete Testing

- Lab and Plant Trial Mixes
- Concrete Mix Design
- Tensile Split Strength
- Dimension and Water Absorption of Masonry / Paving Block
- Supervision of Field Concreting and Quality Control of Project
- Temperature Monitoring of Mass Concrete (Thermocouple)
- Investigation and Testing of Building & Road Construction Materials
- Compressive Strength (Conc. Cube / Cylinder / Masonry Block / Interlock / kerb-Stone / Marble etc.)
- Coring and Core Compressive Strength
- Concrete Deterioration Investigation
- Rebound Hammer Test



Concrete Durability Test

- Water Absorption Test (W.A)
- Water Permeability Test (W.P)
- Porosity
- Rapid Chloride Permeability Test (RCP)
- Initial Surface (ISAT)

Pile Testing

- Low Strain Pile Integrity Test
- Caliper Logging
- High Strain Pile Dynamic Load Test
- Pile Load Test (Supervision)
- Cross Hole Sonic Logging



Reinforcement Steel Testing

- Tensile Test
- Bend
- Re-Bend

Other Testing Services

- Aggregate & Rock Testing
- Electrical Resistivity of Concrete
- Ultrasonic Pulse Velocity Measurements
- Ultrasonic Scanning for the Reinforcement
- Chemical Analysis of Soil, Concrete, Aggregate, Admixture, Asphalt, Cement and Cementitious Materials, Steel, Drinking Water, Waste Water, Water for Concrete & Swimming Pool etc.
- Pull out Test, Pull off Test
- Refractory Material Testing
- Cement Testing
- Asphalt Testing



GEOTECHNICAL ENGINEERING DIVISION

Geotechnical Engineering Division of Lonestar Abu Dhabi & Lonestar Dubai offering a unique and comprehensive perspective on ground engineering and foundation works. Our management staff has over 15 plus years combined experience in the field of topographic survey, resource mapping, ground investigation, geotechnical engineering & design and project management. Our customers include, Government Infrastructural Bodies, National & International Oil Production Companies, Consulting Engineers, Project Management Companies, Developers and Private Industries.

Scope of Geotechnical Investigation

Drilling, Sampling, In-situ Borehole Testing, Interpretation of Field Data, Preparation of Borehole Log, Refine the Geotechnical Design Parameters, Presentation of Factual and Interpretative Engineering Report with Bearing Pressure/Working Load Recommendation, Foundation Type, Foundation Concrete and Guidelines for Ground Improvement.

On shore Drilling Services

- Soil & rock sampling for Soil Investigation
- Soil & water sampling for environmental analysis
- Installation of monitoring wells
- Shallow & Deep holes for various diameter for electrical grounding / cathodic protection

Subsurface Investigation

- Test Pit, Boreholes with SPT, DCPT, Macintosh Probe Test
- Static CPTu

Foundation Engineering

- Shallow and Deep Foundation Designs
- Settlement Analysis
- Slope Stability Analysis
- General Consultations

In-situ Borehole & Field Tests

- SPT, Soil Permeability (Falling Head & Constant Head)
- Packer Test (Rock Permeability)
- Seismic Down Hole Tests & Cross Hole Tests
- Seismic CPT
- Electrical Resistivity of Soil & Electrical Resistivity Tomography
- Thermal Resistivity of Soil (Both Lab and Field)
- Pressure Meter / Elastometer
- MASW Survey
- Geotechnical Instrumentation
- Discrete Interval Water Sampling

Other Services

- Topographical Survey



The industry depends on accurate testing and inspection results of material products which are critical to public Health, Safety and Environment. Lonestar management and staffs are committed in maintaining a QHSE Management Systems that enables its laboratories to meet the requirements of ISO/IEC 17025:2017 accreditation, ISO 9001:2015, 14001:2015 and 45001:2018 certification.

Lonestar Dubai-GAC No. ATL 0042 and Lonestar Abu Dhabi-ENAS NAL 046 are ISO/IEC 17025:2017 accredited testing laboratories by GCC Accreditation Center (GAC) and Emirates National Accreditation System (ENAS) respectively. The most recent issue of the schedule of GAC accreditation of Lonestar Dubai is available from the GAC website www.gcc-accreditation.org

Full details of Lonestar-Abu Dhabi ENAS accreditation scope can be obtained from the laboratory's schedule of accreditation issued by ENAS and is available from ENAS website www.enas.gov.ae

Lonestar (Lonestar Dubai, Lonestar Br. Jebel Ali & Lonestar Abu Dhabi) are also accredited under the Laboratory Accreditation Program of Emirates International Accreditation Center (EIAC). Full details of EIAC accreditation can be obtained in the EIAC directory of accreditation for testing laboratories available from EIAC website www.eiac.gov.ae

Lonestar Dubai Inspection Body is also accredited by EIAC in accordance with ISO/IEC 17020:2012.





MISSION STATEMENT



MISSION STATEMENT

It is the policy of this Company to conduct its business in a manner, which demonstrates technical competence and reliability while continuously improving and providing a cost effective service to the laboratory's Clients.

Signed

Syed S. Hussaini

General Manager



QUALITY POLICY



Lonestar Quality Policies and Objectives

It is the policy of Lonestar competence and reliability while continuously improving and providing cost-effective services to the laboratory's customers.

We have established and implemented a formal quality system. It is our goal that this commitment to quality will result in complete customer satisfaction throughout our service. This will be achieved by:

- *Maintaining certification and compliance to ISO 9001:2015 QMS requirements from TUV SUD Management Service GmbH certifying body and maintaining accreditation to ISO/IEC 17025:2017 general requirements for the competence of Lonestar and ISO/IEC 17020:2012 Conformity Assessments-Requirements for the operation of various types of bodies performing Inspection from accreditation bodies such as Emirates International Accreditation Centre (EIAC), GCC Accreditation Center (GAC) and Emirates National Accreditation System (ENAS).*
- *Ensuring that Lonestar personnel are free from any commercial, financial and any other pressures that might affect their judgment, to avoid involvement in any activities that would diminish confidence in its competence, impartiality, judgment or operational integrity and consistent operation of the laboratory.*
- *Ensuring that Lonestar personnel or organizations external to the testing and inspection body cannot influence the results of the testing and inspection carried-out, Confidentiality of information obtained in the course of its testing and inspection activities and to protect proprietary rights concerned parties.*
- *Lonestar Management is committed to impartiality and confidentiality in compliance as per ISO/IEC 17025:2017 and ISO/IEC 17020:2012 Standard Requirements.*
- *Continual improvement in the effectiveness of the management system.*
- *Ensuring all staff familiarizes themselves with the content of the Quality Assurance Manual and complies with the policies, procedures and associated documentation and implement at all times.*
- *Providing a service built on a well-established Quality Management System meeting the requirements of both our customers and current regulations / standards.*
- *Providing accurate and unbiased test results in accordance with the requirement of International or National or Internal or Customer specified test methods.*
- *Undertaking assignments only where it has the required competent staff and calibrated equipment.*
- *Continuous improvement in key processes through involvement in applicable Proficiency Testing Programs (PTP), inter-laboratory programs and internal quality control for (IQC) analysts and,*
- *Building staff skills through training and providing career growth opportunities to all employees.*
- *Improving profitability of the company in accordance with guidelines set by shareholders each year.*
- *Advising the customer, where appropriate, of potential problems detected as a result of tests or investigation in a timely manner.*
- *Building up a Risk Based Thinking on all involved activities to provide a valid result to minimize the risk to the customer.*


Syed S. Hussaini
General Manager



OHSE POLICY



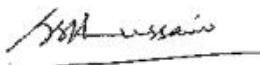
Lonestar OHSE Policy

We are committed to achieve the highest performance in Occupational Health, Safety and Environmental Management. The occupational health and safety of our employees, customers, and the communities we operate in are of utmost importance in all we do.

We will seek to continuously improve our services in light of advances in technology and new understandings in environmental science, occupational health and safety. Lonestar intends to ensure, where reasonably practical that adequate funding and resources will be available to facilitate this aim. This will be accomplished through:

- ***Incorporating environmental responsibility into all business operations by planning environmental protection, conducting management review, reviewing the monitoring processes, reviewing existing policy by setting targets, reviewing and auditing performances.***
- ***Implementing continuous improvement in environmental performance, where reasonably practicable, by setting objectives and targets, especially in addressing the areas of resource use, by reducing energy & water consumption, introduce the use of recycle wastewater, implementing general housekeeping, and improving solid liquid waste management procedure.***
- ***Utilizing the best available techniques not entailing excessive costs to comply with the requirements of existing and future legal and other requirements and encouraging all employees in-house and onsite to comply the applicable legal requirements.***
- ***Minimizing occupational health, safety and environmental risks to our employees, and the communities we operate in by employing safe technologies and control operating procedures and demonstrating commitment to continual improvement and prevention of pollution.***
- ***Regularly consult with workers through various meetings and ensure the participation of the workers during risk assessment, incident investigation, risk and opportunities identification, and interested party identification.***
- ***Continuously review work areas, equipment and methods to further improve occupational health, safety and the protection of environment.***
- ***Hazards to occupational health and safety will be removed or where it is not practical, they will be managed so as to prevent injury, illnesses and dangerous incidents.***
- ***Being committed to maintaining effective communication systems on Safety and Environmental matters through continuous training and improved awareness.***
- ***Comply with applicable statutory and regulatory requirements related to the Environmental, Health and Safety.***

We believe that this policy can only be successfully achieved with the support and commitment of all employees of Lonestar.



Syed S. Hussaini
General Manager



FANR PERMIT



License No.:

FANR/2016/038.1

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 this 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 إلى

LONESTAR TECHNICAL SERVICES L.L.C

شركة لonestar للخدمات الفنية

P.O.Box: 8817, AL JADAF, Dubai

ص.ب: 8817، الجذافه دبي

Hereafter referred 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, Mobile Gauges

التقنيات التحليلية، التصوير الصناعي، مقاييس متحركة

The Regulated Material involved in the Regulated Activity authorized by the Licence is listed in attachment 1 hereto.

المواد الخاضعة للرقابة المستخدمة في النشاط الخاضع للرقابة المصرح بممارسته بموجب الترخيص 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

يُنح 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 فيكتورسون

المدير العام

Date of Issue:

28/05/2020

Amendment Date:

29/12/2020

Expiry Date:

28/05/2023

تاريخ الإصدار:

تاريخ التعديل:

تاريخ الانتهاء:

هيئة اتحادية | Federal Authority

أبوظبي، الإمارات العربية المتحدة - Abu Dhabi, United Arab Emirates فاكس +9712 651 6661 ص.ب - 112021 PO Box

www.fanr.gov.ae

Page 1 of 4



ACCREDITATIONS & CERTIFICATIONS

For detailed scope of accreditation, please visit
http://gcc-accreditation.net/uploads/cab_list/att_2/Cert%20AC0165-1.pdf



For latest copies of certificates, please contact Lonestar or email us on qhse@Lonestar-Lab.com

For detailed scope of accreditation, please visit
<http://www.enas.gov.ae/Documents/NAL046-Accredited-Scope.pdf>



Certificate of Accreditation



لونستار للخدمات الفنية والصناعية ذ م م (NAL 046)
 المصنف - مدينة ابوظبي، الإمارات العربية المتحدة
 حاصل على الإعتماد في الفحوصات المذكورة في وثيقة المجال المرفقة وفقاً للمواصفة الدولية ISO/IEC 17025

Lonestar Technical & Industrial Services LLC (NAL 046)

Al Mussafah Industrial City of Abu Dhabi - Abu Dhabi, UAE

Accredited according to the ISO/IEC 17025 Standard to undertake tests as specified in the attached Accreditation Scope



وكيل وزارة الصناعة والتكنولوجيا المتقدمة

Accreditation in accordance to the ISO/IEC 17025:2017 Standard "General requirements for the competence of testing and calibration laboratories" and the relevant ENAS and ILAC requirements.

This certificate is invalid without the attached scope of accreditation, which subjected to annual surveillances as per ENAS procedure. Certificate can be updated or re-issued until the expiry date defined above. The validity of the certificate is subjected to continuous compliance with the requirements of the accreditation system. The lab is responsible for the results of its testing.

Initial Accreditation Date: 15/05/2012

ACF 11-21; Rev 3;

| | | |
|---------------|------------|--------------------|
| Accredited on | 2021/09/15 | تاريخ منح الإعتماد |
| Expires on | 2024/09/14 | تاريخ الإنتهاء |

1 وفقاً لمتطلبات المواصفة الدولية ISO/IEC 17025:2017 "المتطلبات العامة لكفاءة مختبرات الفحص والمعايرة" والمتطلبات ذات العلاقة الخاصة بنظام الإعتماد الوطني الإماراتي ENAS والمنظمة الدولية لاعتماد المختبرات ILAC.

مجال الاعتماد جزء أساسي من هذه الشهادة حيث تخضع مجالات الاعتماد المذكورة في الوثيقة المرفقة لعمليات متابعة لاحقة من قبل نظام الاعتماد الوطني الإماراتي ENAS. وتعتبر هذه الشهادة صالحة وقابلة للتحديث وإعادة الاصدار حتى تاريخ الانتهاء المدون اعلاه شريطة استمرار المختبر المذكور اعلاه في تطبيق متطلبات نظام الاعتماد سالف الذكر. يتحمل المختبر مسؤولية نتائج الفحص الصادرة عنه.

تاريخ منح الإعتماد لأول مرة: 2012/05/15

ABU DHABI, UNITED ARAB EMIRATES - أبوظبي، الإمارات العربية المتحدة - P.O.BOX 2166
 DUBAI, UNITED ARAB EMIRATES - دبي، الإمارات العربية المتحدة - P.O.BOX 48666
 CALL CENTER: 600 565554 - مركز الإصداار
WWW.ENAS.GOV.AE

For latest copies of certificates, please contact Lonestar or email us on qhse@Lonestar-Lab.com



Certificate of Accreditation



لونستار للخدمات الفنية والصناعية - ذ م م (NAI 085)
مصنف - مدينة ابوظبي الصناعية - ابوظبي، الإمارات العربية المتحدة
حاصل على الإعتماد في طرق التفتيش المذكورة في وثيقة المجال المرفقة وفقاً للمواصفة الدولية ISO/IEC 17020

Lonestar Technical & Industrial Services - L L C (NAI 085)

Mussafah -Abu Dhabi Industrial Area— Abu Dhabi, UAE

Accredited according to ISO/IEC 17020 to undertake inspections as specified in the attached Accreditation Scope



| | | |
|---------------|------------|--------------------|
| Accredited on | 2021/09/21 | تاريخ منح الإعتماد |
| Expires on | 2024/09/20 | تاريخ الإنتهاء |

Accreditation in accordance to ISO/IEC 17020:2012 "requirements for the operation of various types of bodies performing inspections" and the relevant ENAS and ILAC requirements.

This certificate is invalid without the attached scope of accreditation, which subjected to annual surveillances as per ENAS procedure. Certificate can be updated or re-issued until the expiry date defined above. The validity of the certificate is subjected to continuous compliance with the requirements of the accreditation system. The inspection body is responsible for the results of its inspections.

1 وفقاً لمتطلبات المواصفة الدولية "ISO/IEC 17020:2012" المتطلبات العامة لتشغيل مختلف أنواع جهات التفتيش" والمتطلبات ذات العلاقة الخاصة بنظام الإعتماد الوطني الإماراتي ENAS والمنظمة الدولية لاعتماد المختبرات ILAC.
مجال الاعتماد جزء أساسي من هذه الشهادة حيث تخضع مجالات الاعتماد المذكورة في الوثيقة المرفقة لعمليات متابعة لاحقة من قبل نظام الاعتماد الوطني الإماراتي. وتعتبر هذه الشهادة صالحة وقابلة للتحديث وإعادة الاصدار حتى تاريخ الانتهاء المدون اعلاه شريطة استمرار جهة التفتيش المذكورة اعلاه في تطبيق متطلبات نظام الاعتماد الوطني الإماراتي سالفة الذكر. تتحمل جهات التفتيش مسؤولية نتائج التفتيش الصادرة عنها.

Initial Accreditation Date: 21/09/2021

ABU DHABI, UNITED ARAB EMIRATES - أبو ظبي، الإمارات العربية المتحدة P.O. BOX 2166

تاريخ منح الاعتماد لأول مرة: 2021/09/21

DUBAI, UNITED ARAB EMIRATES - دبي، الإمارات العربية المتحدة P.O. BOX 48666

CALL CENTER 600 565554 - مركز الاتصال

www.enas.gov.ae

ACF 11-21; Rev 3

For detailed scope of accreditation, please visit
<http://www.eiac.gov.ae/en/accreditedcabs/pages/default.aspx>



For detailed scope of accreditation, please visit
<http://www.eiac.gov.ae/en/accreditedcabs/pages/default.aspx>



For latest copies of certificates, please contact Lonestar or email us on qhse@Lonestar-Lab.com




مركز الإمارات العالمي للاعتماد
 Emirates International Accreditation Centre



مركز الإمارات العالمي للدراسات
Emirates International Association Center

CHIEF EXECUTIVE OFFICER
APPROVAL

For detailed scope of accreditation, please visit
<http://www.eiac.gov.ae/en/accreditedcabs/pages/default.aspx>





هيئة الإمارات للمواصفات والمقاييس
Emirates Authority For Standardization & Metrology



شهادة تسجيل Certificate Of Registration

| | | |
|-----------------------|--|------------------------|
| Certification Number | R-T-20-00328 | رقم الشهادة |
| Name of the Applicant | لونستار للخدمات الفنية ذ م م | إسم الجهة |
| Initial Issue Date | 04-May-2020 | تاريخ الإصدار لأول مرة |
| Expiry Date | 23-May-2022 | تاريخ الإنهاء |
| Trade Licence No | 124729 | رقم الرخصة التجارية |
| Address | (DY 34 Al Jadaf - Dubai, United Arab Emirates) | العنوان |
| Registration Scopes | Testing Laboratory | مجالات التسجيل |

This certificate is valid for the CAB having the same trade license and address mentioned above. It's applicable for renewal, updates within compliance of the technical requirements, the related standards and the registered scopes are subjected to continuous compliance with the requirements of the authority.



تعتبر هذه الشهادة صالحة للرخصة التجارية والعنوان المذكور أعلاه. كما بالإمكان إعادة تحديث وإعادة الإصدار حتى تاريخ الانتهاء المدون أعلاه. شريطة استمرار الجهة المذكورة أعلاه في تطبيق المواصفات والمتطلبات الفنية المرتبطة بها. وتحمل الجهة مسؤولية الشهادات الصادرة عنها. وتخضع مجالات التسجيل المذكورة في شهادة التسجيل المرفقة لعمليات متابعة لاحقة من قبل الهيئة.

This is an electronic certificate and does not require stamp and signature. Visit ENAS website www.enas.gov.ae to verify this certification. Any alternation or modification on this certificate will affect its validity.

Initial Registration Date: 04/May/2020

600-565554

ص. ب. 2166 أبو ظبي الإمارات العربية المتحدة
P.O.BOX 2166, Abu Dhabi - United Arab Emirates

هذه الشهادة صدرت إلكترونياً ولا تحتاج لختام أو توقيع. للتأكد من صحة هذه الشهادة يرجى زيارة موقعنا على الانترنت www.enas.gov.ae أي كشط أو تغيير في هذه الشهادة يلغى.

تاريخ منح التسجيل لأول مرة: 04/May/2020

| | | | |
|--|--|--|--|
|  | |  | |
| شهادة تسجيل Certificate Of Registration | | | |
| Certification Number | R-IB-21-00375 | رقم الشهادة | |
| Name of the Applicant | لونستار للخدمات الفنية ذ م م | إسم الجهة | |
| Initial Issue Date | 15-March-2021 | تاريخ الإصدار لأول مرة | |
| Expiry Date | 14-March-2022 | تاريخ الإنتهاء | |
| Trade Licence No | 124729 | رقم الرخصة التجارية | |
| Address | (DY 34 Al Jadaf - Dubai, United Arab Emirates) | العنوان | |
| Registration Scopes | Inspection Bodies | مجالات التسجيل | |
| <p>This certificate is valid for the CAB having the same trade license and address mentioned above. It's applicable for renewal, updates within compliance of the technical requirements, the related standards and the registered scopes are subjected to continuous compliance with the requirements of the authority.</p> | | <p>تعتبر هذه الشهادة صالحة للرخصة التجارية والعنوان المذكور أعلاه كما بالامكان إعادة تحديث وإعادة الإصدار حتى تاريخ الانتهاء المدون أعلاه. شريطة استمرار الجهة المذكورة أعلاه في تطبيق المواصفات والمنطقيات الفنية المرتبطة بها وتحمل الجهة مسؤولية الشهادات الصادرة عنها وتخضع مجالات التسجيل المذكورة في شهادة التسجيل المرفقة لعمليات متابعة لاحقة من قبل الهيئة.</p> | |
| <p>This is an electronic certificate and does not require stamp and signature. Visit ENAS website www.enas.gov.ae to verify this certification. Any alternation or modification on this certificate will affect its validity.</p> | | <p>هذه الشهادة صدرت إلكترونياً ولا تحتاج لخطم أو توقيع. للتأكد من صحة هذه الشهادة يرجى زيارة موقعنا على الانترنت www.enas.gov.ae أي كسح أو تغير في هذه الشهادة يُلغىها.</p> | |
| <p>Initial Registration Date: 15/March/2021</p> | | <p>تاريخ منح التسجيل لأول مرة: 15/March/2021</p> | |

| | | | |
|--|---|---|--|
|  | |  | |
| شهادة تسجيل Certificate Of Registration | | | |
| Certification Number | R-T-19-00231 | رقم الشهادة | |
| Name of the Applicant | Lonestar Technical Services LLC (Jebel Ali) (للخدمات الفنية (فرع جبل علي | إسم الجهة | |
| Initial Issue Date | 17-March-2019 | تاريخ الإصدار لأول مرة | |
| Expiry Date | 08-September-2022 | تاريخ الإنتهاء | |
| Trade Licence No | 765408 | رقم الرخصة التجارية | |
| Address | (57 First Al Khail Street, Bldg No. 5 - Dubai, United Arab Emirates) | العنوان | |
| Registration Scopes | Testing Laboratory | مجالات التسجيل | |
| <p>This certificate is valid for the CAB having the same trade license and address mentioned above. It's applicable for renewal, updates within compliance of the technical requirements, the related standards and the registered scopes are subjected to continuous compliance with the requirements of the authority.</p> | | <p>تعتبر هذه الشهادة صالحة للرخصة التجارية والعنوان المذكور أعلاه كما بالامكان إعادة تحديث وإعادة الإصدار حتى تاريخ الانتهاء المدون أعلاه شريطة استمرار الجهة المذكورة أعلاه في تطبيق المواصفات والمتطلبات الفنية المرتبطة بها. وتتحمل الجهة مسؤولية الشهادات الصادرة عنها وتخضع مجالات التسجيل المذكورة في شهادة التسجيل المرفقة لعمليات متابعة لاحقة من قبل الهيئة.</p> | |
| <p>This is an electronic certificate and does not require stamp and signature. Visit ENAS website www.enas.gov.ae to verify this certification. Any alternation or modification on this certificate will affect its validity.</p> | | <p>هذه الشهادة صدرت إلكترونياً ولا تحتاج لختم أو توقيع. للتأكد من صحة هذه الشهادة يرجى زيارة موقعنا على الانترنت www.enas.gov.ae أي كشط أو تغير في هذه الشهادة يُلغى.</p> | |
| <p>Initial Registration Date: 17/March/2019</p> | | <p>تاريخ منح التسجيل لأول مرة: 17/March/2019</p> | |



هيئة الإمارات للمواصفات والمقاييس
Emirates Authority For Standardization & Metrology



شهادة تسجيل Certificate Of Registration

| | | |
|-----------------------|--|------------------------|
| Certification Number | R-L-17-00091 | رقم الشهادة |
| Name of the Applicant | لونستار Lonestar Technical & Industrial Services LLC للخدمات الفنية والصناعية ذ م م | إسم الجهة |
| Initial Issue Date | 06-December-2017 | تاريخ الإصدار لأول مرة |
| Expiry Date | 19-May-2022 | تاريخ الإنتهاء |
| Trade Licence No | CN-1056539 | رقم الرخصة التجارية |
| Address | (PO Box 6098, Building # 503 & 505, Inside Industrial City of Abu Dhabi Abu Dhabi, United Arab Emirates - Abu Dhabi, United Arab Emirates) | العنوان |
| Registration Scopes | Testing Laboratory | مجالات التسجيل |

This certificate is valid for the CAB having the same trade license and address mentioned above. It's applicable for renewal, updates within compliance of the technical requirements, the related standards and the registered scopes are subjected to continuous compliance with the requirements of the authority.



تعتبر هذه الشهادة صالحة للرخصة التجارية والعنوان المذكور أعلاه. كما بالإمكان إعادة تحديث وإعادة الإصدار حتى تاريخ الانتهاء المدون أعلاه. شريطة استمرار الجهة المذكورة أعلاه في تطبيق المواصفات والمتطلبات الفنية المرتبطة بها وتحمل الجهة مسؤولية الشهادات الصادرة عنها وتخضع مجالات التسجيل المذكورة في شهادة التسجيل المرفقة لعمليات متابعة لاحقة من قبل الهيئة.

This is an electronic certificate and does not require stamp and signature. Visit ENAS website www.enas.gov.ae to verify this certification. Any alternation or modification on this certificate will affect its validity.

600-565554

ص. ب. 2166 أبو ظبي الامارات العربية المتحدة
P.O.BOX 2166, Abu Dhabi - United Arab Emirates

هذه الشهادة صدرت إلكترونياً ولا تحتاج لختام أو توقيع. للتأكد من صحة هذه الشهادة يرجى زيارة موقعنا على الانترنت www.enas.gov.ae أي كشط أو تغيير في هذه الشهادة يلغها.

Initial Registration Date: 06/December/2017

تاريخ منح التسجيل لأول مرة: 06/December/2017

|  | |  | |
|---|--|---|--|
| شهادة تعيين Designation Certificate | | مجلس أبوظبي للجودة والمطابقة ABU DHABI QUALITY AND CONFORMITY COUNCIL | |
| Name of the CAB : | لونستار للخدمات الفنية والصناعية ش (د.م.م) Lonestar Technical & Industrial Services (Llc) | اسم الجهة : | |
| CAB identification number : | D-LAB-019 | الرقم التعريفي للجهة : | |
| Initial designation date : | 21,Oct., 2020 | تاريخ التعيين الأول : | |
| Current designation date : | 21,Oct., 2020 | تاريخ التعيين الحالي : | |
| Designation expiry date : | 20,Oct., 2023 | تاريخ انتهاء التعيين : | |
| Address : | Al Musaffah, ICAD 1 Building No: 503&505.Abu Dhabi, UAE | العنوان : | |
| Designation scopes : | See appendix (A) | مجال التعيين : | |
| <ul style="list-style-type: none"> - This certificate is invalid without the scope of designation published on QCC website. - Designated CAB shall maintain the compliance to designation requirements during the designation period. - This certificate, and its scope, can be validated through QCC website. | | <ul style="list-style-type: none"> - هذه الشهادة غير صالحة بدون مجال التعيين المنشور على موقع المجلس. - يجب على الجهة المعينة استمرارية تحقيق متطلبات التعيين خلال فترة التعيين. - يمكن التحقق من صلاحية هذه الشهادة ومجالها من خلال الموقع الرسمي للمجلس. | |
|  Dr. Helal Al Kaabi Secretary General | |   | |
| www.qcc.abudhabi.ae | | CAB-D-F- 04.00 | |

BAA4000220

CERTIFICATE

ZERTIFIKAT

認證證書

СЕРТИФИКАТ

CERTIFICADO

شهادة





021-CB-QMS Middle East

CERTIFICATE

The Certification Body
of TÜV SÜD Middle East L.L.C.
certifies that

Lonestar Technical Services L.L.C.
Building # DY34, Al Jadaf
Dubai, United Arab Emirates

has established and applies
a Quality Management System for

**Provision of Technical Testing, Physical, Mechanical and Chemical
including Corrosion testing and failure investigation of Engineering
Materials and fluids, monitoring and testing of Industrial
Hygiene and Indoor Air Quality Parameters. Onsite and Offsite
Non Destructive Inspection and Testing.**
(Category: NACE 71)

An audit was performed, Report No. **50668**
Proof has been furnished that the requirements
according to

ISO 9001:2015

are fulfilled. The certificate is valid from **2021-03-11** until **2024-03-10**
Certificate Registration No. **ME 9K 0262-01 DAC**



Dubai, 2021-03-13

TÜV SÜD Middle East L.L.C., P.O. Box: 2834, Empire Heights Tower A, Business Bay, Dubai, United Arab Emirates

BAA4 000221

CERTIFICATE

ZERTIFIKAT

認證證書

СЕРТИФИКАТ

CERTIFICADO

شهادة





021-CB-QMS

CERTIFICATE

The Certification Body
of TÜV SÜD Middle East L.L.C.

certifies that

Lonestar Technical and Industrial Services L.L.C.
Building 503 & 505, ICAD, Mussaffah
Abu Dhabi, United Arab Emirates

has established and applies
a Quality Management System for

Provision of Technical Testing – Physical, Mechanical and Chemical Including Corrosion and Failure Investigation of Engineering Materials and Fluids; Monitoring and Testing of Industrial Hygiene and Indoor Air Quality Parameters. Onsite and Offsite Non Destructive Inspection and Testing Including Post Weld & Stress Relieving Heat Treatment. Testing of Civil Construction Materials. Drilling of Earthing Well, Topographic Survey and Geotechnical Investigations. Provision of Third Party Inspection Services for Mechanical, Civil, Electrical & Instrumentation (Category: NACE 71)

An audit was performed, Report No. **50668**
Proof has been furnished that the requirements
according to

ISO 9001:2015

are fulfilled. The certificate is valid from **2021-03-11** until **2024-03-10**
Certificate Registration No. **ME 9K 0262-02 DAC**



Dubai, 2021-03-13

TÜV SÜD Middle East L.L.C., P.O. Box: 2834, Empire Heights Tower A, Business Bay, Dubai, United Arab Emirates

| | | | | | | | | | | | | | |
|-------------|---------|-------------|---|------------|---|------|---|------------|---|-------------|---|-------|---|
| BAA4 000593 | TUV SUD | CERTIFICATE | ◆ | ZERTIFIKAT | ◆ | 認證證書 | ◆ | СЕРТИФИКАТ | ◆ | CERTIFICADO | ◆ | شهادة | |
| | | | | | | | | | | | | |    <p>021-CB-EMS Middle East</p> <h1>CERTIFICATE</h1> <p>The Certification Body of TÜV SÜD Middle East L.L.C. certifies that</p> <p>Lonestar Technical Services L.L.C. Building # DY34, Al Jadaf Dubai, United Arab Emirates</p> <p>has established and applies an Environmental Management System for</p> <p>Provision of Technical Testing, Physical, Mechanical and Chemical including Corrosion testing and failure investigation of Engineering Materials and fluids, monitoring and testing of Industrial Hygiene and Indoor Air Quality Parameters. Onsite and Offsite Non Destructive Inspection and Testing. (Category: NACE 71)</p> <p>An audit was performed, Report No. 50668 Proof has been furnished that the requirements according to</p> <p>ISO 14001:2015</p> <p>are fulfilled. The certificate is valid from 2021-03-11 until 2024-03-10 Certificate Registration No. ME 14K 0077-01 DAC</p> <p> Dubai, 2021-03-13</p> <p>TÜV SÜD Middle East L.L.C., P.O. Box: 2834, Empire Heights Tower A, Business Bay, Dubai, United Arab Emirates</p> <p>TÜV®</p> |

BAA4000598

CERTIFICATE

ZERTIFIKAT

認證證書

СЕРТИФИКАТ

CERTIFICADO

شهادة





021-CB-EMS Middle East

CERTIFICATE

The Certification Body
of TÜV SÜD Middle East L.L.C.

certifies that

Lonestar Technical and Industrial Services L.L.C.
Building 503 & 505, ICAD, Mussaffah
Abu Dhabi, United Arab Emirates

has established and applies
an Environmental Management System for

**Provision of Technical Testing – Physical, Mechanical and Chemical
Including Corrosion and Failure Investigation of Engineering Materials
and Fluids; Monitoring and Testing of Industrial Hygiene and Indoor Air
Quality Parameters. Onsite and Offsite Non Destructive Inspection and
Testing Including Post Weld & Stress Relieving Heat Treatment. Testing
of Civil Construction Materials. Drilling of Earthing Well, Topographic
Survey and Geotechnical Investigations. Provision of Third Party
Inspection Services for Mechanical, Civil, Electrical & Instrumentation
(Category: NACE 71)**

An audit was performed, Report No. **50668**
Proof has been furnished that the requirements
according to

ISO 14001:2015

are fulfilled. The certificate is valid from **2021-03-11** until **2024-03-10**
Certificate Registration No. **ME 14K 0077-02 DAC**



Dubai, 2021-03-13

TÜV SÜD Middle East L.L.C., P.O. Box: 2834, Empire Heights Tower A, Business Bay, Dubai, United Arab Emirates

TÜV®

BAA4001138

CERTIFICATE

ZERTIFIKAT

認證證書

СЕРТИФИКАТ

CERTIFICADO

شهادة




CERTIFICATE

The Certification Body
of TÜV SÜD Middle East L.L.C.
certifies that

Lonestar Technical Services L.L.C.
Building # DY34, Al Jadaf
Dubai, United Arab Emirates

has established and applies
an Occupational Health and Safety Management System for

**Provision of Technical Testing, Physical, Mechanical and Chemical
including Corrosion testing and failure investigation of Engineering
Materials and fluids, monitoring and testing of Industrial
Hygiene and Indoor Air Quality Parameters. Onsite and Offsite
Non Destructive Inspection and Testing.**
(Category: NACE 71)

An audit was performed, Report No. **50668**
Proof has been furnished that the requirements
according to

ISO 45001:2018

are fulfilled. The certificate is valid from **2021-03-11** until **2024-03-10**
Certificate Registration No. **ME 45K 0045-01 DAC**



Dubai, 2021-03-13

TÜV SÜD Middle East L.L.C., P.O. Box: 2834, Empire Heights Tower A, Business Bay, Dubai, United Arab Emirates



BAA4001141

CERTIFICATE

ZERTIFIKAT

認證證書

СЕРТИФИКАТ

CERTIFICADO

شهادة



مركز الإمارات العالمي للاعتماد
Emirates International Accreditation Centre
021-CB-OHSMS



Middle East

CERTIFICATE

The Certification Body
of TÜV SÜD Middle East L.L.C.
certifies that

Lonestar Technical and Industrial Services L.L.C.
Building 503 & 505, ICAD, Mussaffah
Abu Dhabi, United Arab Emirates

has established and applies
an Occupational Health and Safety Management System for

**Provision of Technical Testing – Physical, Mechanical and Chemical
Including Corrosion and Failure Investigation of Engineering Materials
and Fluids; Monitoring and Testing of Industrial Hygiene and Indoor Air
Quality Parameters. Onsite and Offsite Non Destructive Inspection and
Testing Including Post Weld & Stress Relieving Heat Treatment. Testing
of Civil Construction Materials. Drilling of Earthing Well, Topographic
Survey and Geotechnical Investigations. Provision of Third Party
Inspection Services for Mechanical, Civil, Electrical & Instrumentation
(Category: NACE 71)**

An audit was performed, Report No. **50668**
Proof has been furnished that the requirements
according to

ISO 45001:2018

are fulfilled. The certificate is valid from **2021-03-11** until **2024-03-10**
Certificate Registration No. **ME 45K 0045-02 DAC**



Dubai, 2021-03-13

TÜV SÜD Middle East L.L.C., P.O. Box: 2834, Empire Heights Tower A, Business Bay, Dubai, United Arab Emirates

TÜV®



REGISTRATION & PREQUALIFICATION WITH MAJOR CLIENTS

COMMERCIAL REGISTRATION

LONESTAR is registered with the following major organization in the Middle East:

| | ORGANIZATION | REGISTRATION # |
|---|--|----------------|
|  | Abu Dhabi Defense | 563/2011 |
|  | Abu Dhabi Gas Dev. Co. (Al Hosn Gas) | 1344 |
|  | Abu Dhabi Municipality & Town Planning – Sewerage planning Committee | - |
|  | Abu Dhabi Sewerage Services Company | 904307 |
|  | ADCO – Abu Dhabi Company for Onshore Oil Operations | 14453 |
|  | ADGAS – Abu Dhabi Gas Liquefaction Company Ltd. | 1051 |
|  | ADMA OPCO – Abu Dhabi Marine Operating Company | 14005 |
|  | ADNOC – Abu Dhabi National Oil Company | 506217 |
|  | ADOC– Japan | L-0026 |
|  | ADWEA – Abu Dhabi Water & Electricity Authority | 003195 |
|  | Adyard Abu Dhabi | 52691 |

| ORGANIZATION | | REGISTRATION # |
|---|--|------------------------|
|  | Al Ain Municipality | 44556 |
|  | ARABTEC – Artabtec Construction LLC | ARTC/SSP/11/6/7/1351 |
|  | ARAMCO – Saudi Arabian Oil Company | 10035796 |
|  | Borouge | 132395 |
|  | Bunduq | L-121 |
|  | Department of Finance – Abu Dhabi | 44556 |
|  | Department of Transport – Abu Dhabi | 3378910 |
|  | Descon | - |
|  | Dubai Electricity & Water Authority | 150466 |
|  | Dolphin Energy | DEL-DCA-07-01-LT-00568 |
|  | ESNAAD | 904834 |
|  | ENEC – Emirates Nuclear Energy Corporation | 149 |

| ORGANIZATION | | REGISTRATION # |
|---|--|----------------|
|  | EPPI – Emirates Preinsulated Pipes Industries | - |
|  | FERTIL – Ruwais Fertilizer Industries | 30998 |
|  | GASCO – Abu Dhabi Gas Industries Ltd. | 0010000315 |
|  | IMCC – International Management and Construction Corporation | 13118 |
|  | KOC – Kuwait Oil Company | 10311 |
|  | Masdar | 1543312982 |
|  | McDermott International | - |
|  | Ministry of Infrastructure Development | EQ_12263 |
|  | Ministry of Public Works | 133188 |
|  | Mubadala | - |
|  | Nakheel | 1598 |

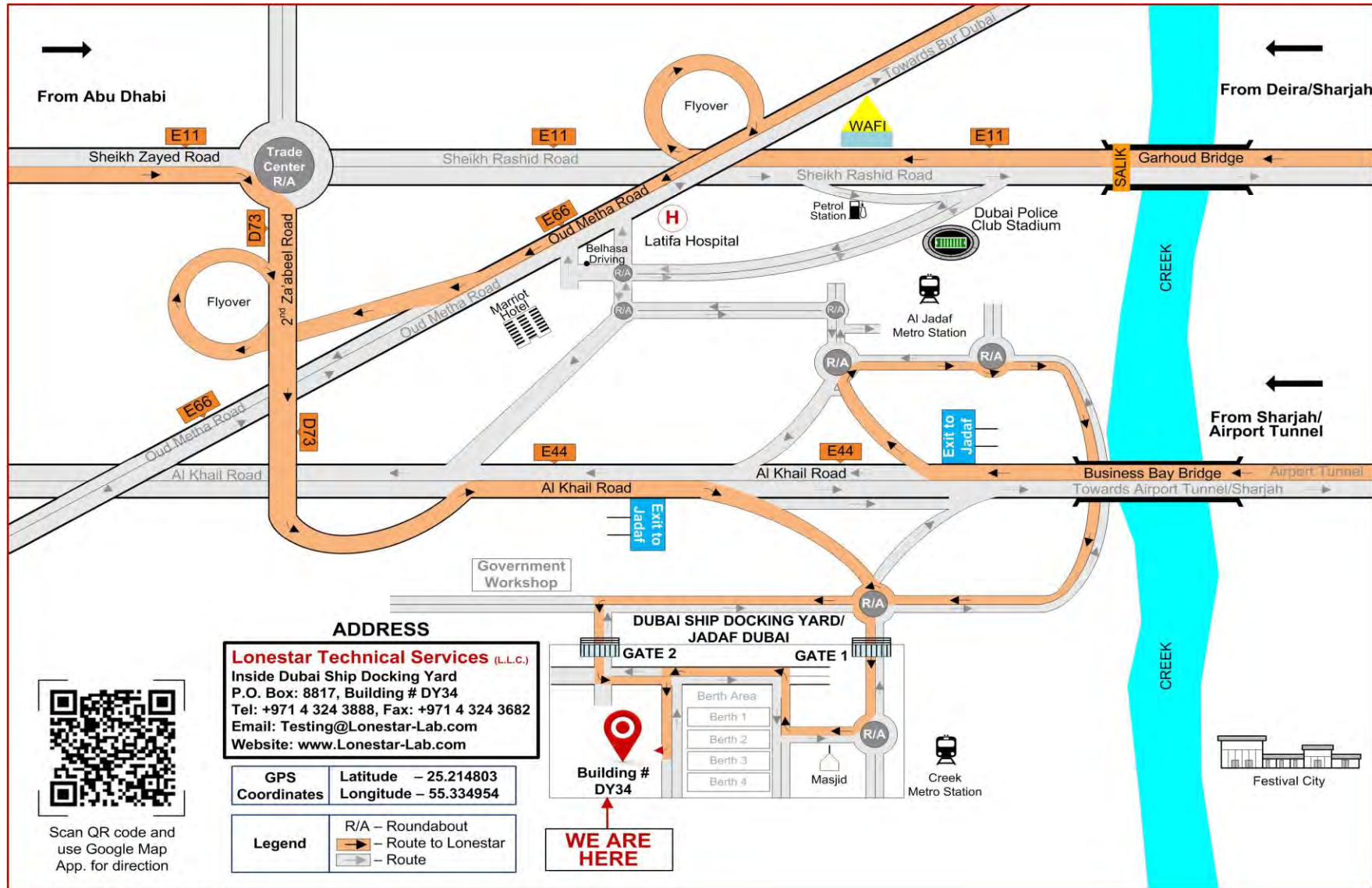
| ORGANIZATION | | REGISTRATION # |
|---|--|----------------|
|  | NDC – National Drilling Company | 2599 |
|  | Occidental Petroleum of Qatar Limited. | - |
|  | NPCC – National Petroleum Construction Company | 8747 |
|  | PDO – Petroleum Development Oman LLC | - |
|  | PETRONAS Carigali Iraq Holdings B.V. | - |
|  | Qatar Petroleum | 300219 |
|  | Roads & Transport Authority | - |
|  | Saipem Spa | - |
|  | Takreer | 904178 |
|  | Technomak | - |
|  | Western Region Municipality | - |
|  | ZADCO – Zakum Development Company | 31805 |

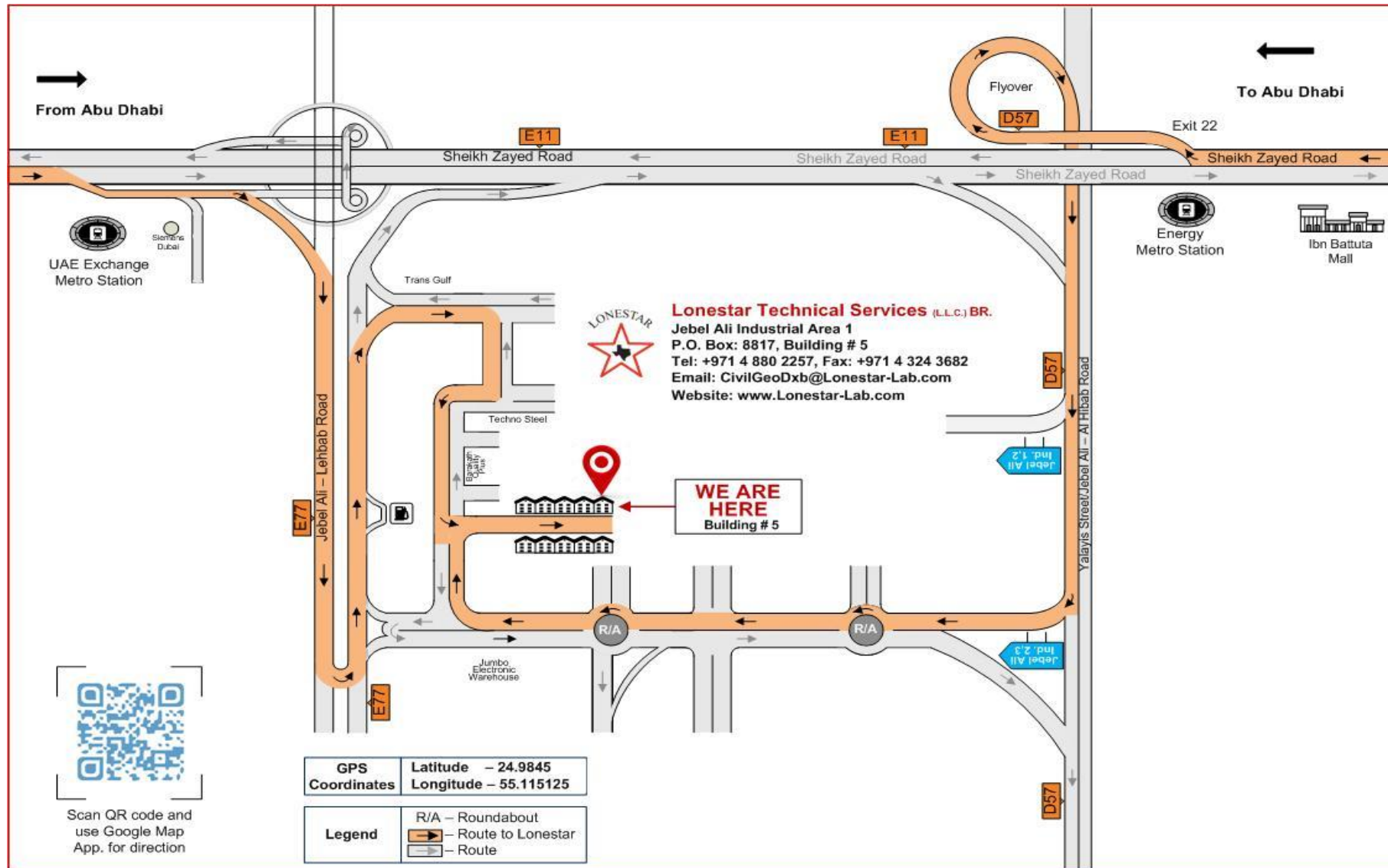


LOCATION MAP



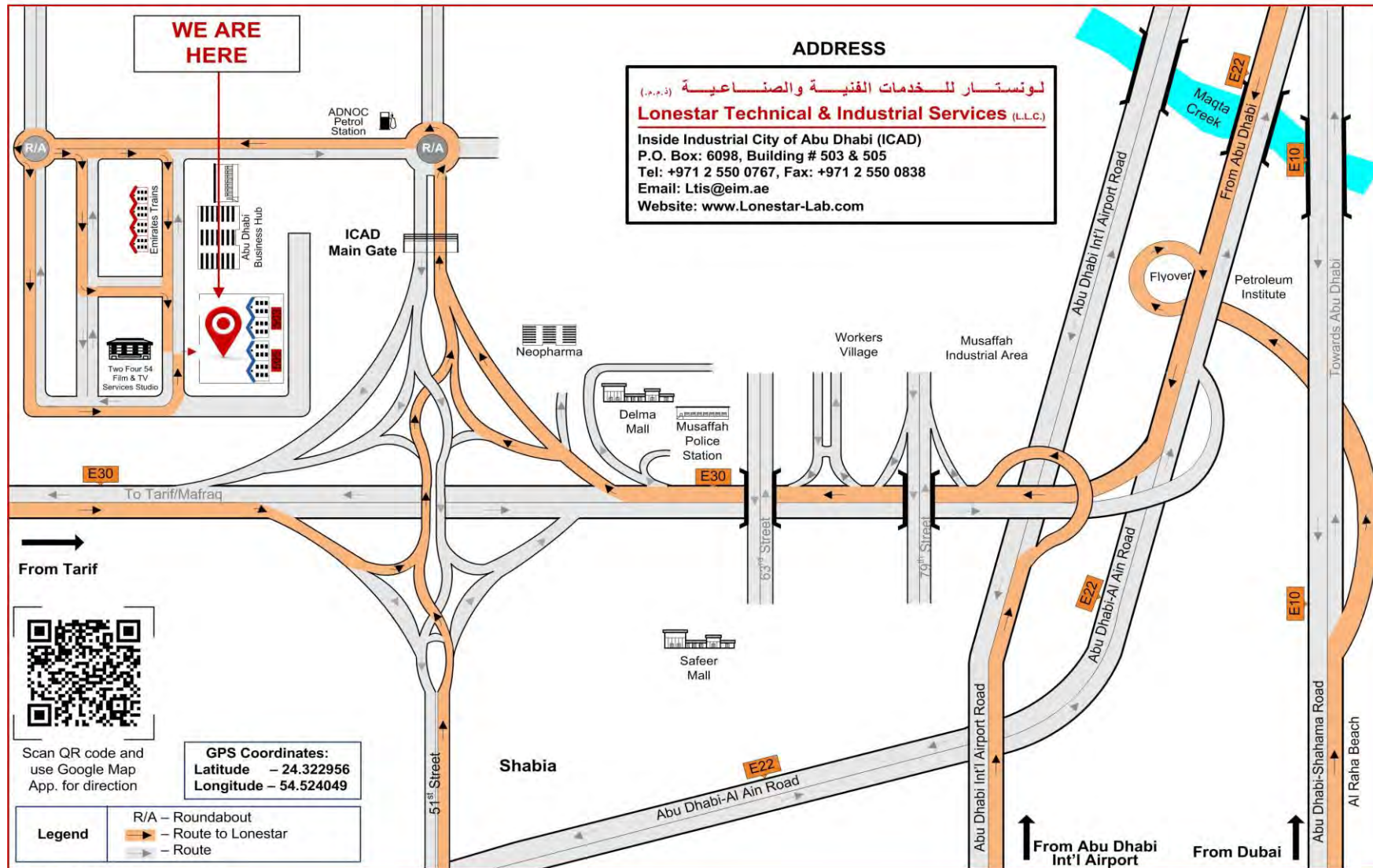
Lonestar - Al Jadaf, Dubai







Lonestar – Musaffah, Abu Dhabi



Adm-Tmp-125-02-LTIS Location Map

**AL JADAF
DUBAI - U.A.E**

Lonestar Technical Services (L.L.C.)

P.O. Box: 8817, Building # DY34
Inside Dubai Ship Docking Yard
Al Jadaf - Dubai
United Arab Emirates

Tel: +971 4 324 3888
Fax: +971 4 324 3682
Email: Testing@Lonestar-Lab.com
Website: www.Lonestar-Lab.com

**JEBEL ALI
DUBAI - U.A.E**

Lonestar Technical Services (L.L.C.) Br.

P.O. Box: 8817, Building # 5
Jebel Ali Industrial Area 1
Jebel Ali - Dubai
United Arab Emirates

Tel: +971 4 880 2257
Fax: +971 4 885 5889
Email: CivilGeoDxb@Lonestar-Lab.com
Website: www.Lonestar-Lab.com

**ICAD - MUSAFFAH
ABU DHABI - U.A.E**

Lonestar Technical & Industrial Services (L.L.C.)

P.O. Box: 6098, Building # 503 & 505
Inside Industrial City of Abu Dhabi (ICAD)
Musaffah - Abu Dhabi
United Arab Emirates

Tel: +971 2 550 0767
Fax: +971 2 550 0838
Email: Ltis@eim.ae
Website: www.Lonestar-Lab.com

**JURF IND. 2
AJMAN - U.A.E**

Lonestar Technical Services (L.L.C.)

SL Building, Plot 1087, Unit 10
Jurf Industrial 2
North Sector - Ajman

Tel: +971 6 525 6291
Email: Enquiry@Lonestar-Lab.com
Website: www.Lonestar-Lab.com

MUSCAT - OMAN

Lonestar Alpha Laboratories (L.L.C.)

P.O. Box: 1197, PC 130
Inside Ghala Industrial Estate
Muscat
Oman

Tel: +968 2 450 1524
Fax: +968 2 450 3814
Email: Info@Lonestaralpha.com
Website: www.Lonestaralpha.com

**REPRESENTATIVE IN
KUWAIT**

Lonestar Technical Services

Raja Restaurants and Construction Materials Company, P.O. Box: 4121, Safat 13042
Block 1, Street 12, Building 80, Office # 2, Old Shuwaikh - Kuwait
Attn: Mr. Noor Mohammed, Tel: +965 6 695 5689, Email: Enquiry@Lonestar-Lab.com

**AL JUBAIL CITY
K.S.A**

Lonestar Technical Services

Arabic Eastern Region
Al Jubail City
Kingdom of Saudi Arabia (K.S.A)

Tel: +966 13 344 3020
Email: Malik.Alkamel@Lonestar-Lab.com
Website: www.Lonestar-Lab.com





LONESTAR

(Engineering, Inspection, Testing & Lab Services)

• Dubai • Abu Dhabi • Ajman • Oman • Kuwait • K.S.A

One Stop Solution for all your testing needs...

www.Lonestar-Lab.com



INTEGRATED SERVICES

SPECIALIZATION

VERSATILITY