



ACCREDITATION CERTIFICATE

LB-TEST-019

Emirates International Accreditation Centre

has accredited

LONESTAR TECHNICAL SERVICES LLC.

215-404 Umm Ramool | 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: 07-05-2026 to 09-06-2027

Initial Accreditation Date: 10-06-2003




Amina Ahmed Mohammed
CHIEF EXECUTIVE OFFICER



Accreditation Scope

LB-TEST-019

Lonestar Technical Services LLC.

215-404 Umm Ramool | Dubai | United Arab Emirates

Date: 07-05-2026

Environmental Testing

Accreditation History		
Issue no.	Details	Date
16	Reissued due to: 1. Relocation of the laboratory. 2. Reclassification of two chemical test methods (Moisture and Chloride in soils for civil engineering purposes) under the “Construction Materials” scope, as they do not fall within the environmental testing scope	07-05-2026
15	Renewal accreditation with some changes in the Test Materials/Products ,Test Names & Test Methods	13-08-2024
14	Certificate validity was extended for 3 months from 10-06-2024 up to 09-09-2024	10-06-2024
13	Re-issued due to extension in scope (Add Microbiology tests and Sampling test)	28-11-2023
12	Renewal accreditation	07-07-2021
11	Certificate validity (10-06-2018 to 09-06-2021) was extended for 6 months	10-06-2021
10	Extension in scope and first issuance under the name of Eiac (which was formerly known as DAC)	12/11/2019

Accreditation Scope

LB-TEST-019

Lonestar Technical Services LLC.

215-404 Umm Ramool | Dubai | United Arab Emirates

Date: 07-05-2026

Food Testing

04	Reissued due to relocation of the laboratory and modifications to the test methods for some tests.	07-05-2026
03	Renewal accreditation with some changes in the Test Materials/Products ,Test Names &Test Methods	13-08-2024
02	Certificate validity was extended for 3 months from 10-06-2024 up to 09-09-2024	10-06-2024
01	Granted accreditation from EIAC	11/02/2022

Metallurgical Testing

11	Reissued due to relocation of the laboratory and modifications to the test names for some tests	07-05-2026
10	Reissued due to a modifications in test method for some test of Vickers Hardness (HV5, HV10 & HV30) and extension in scope	04-08-2025
09	Renewal accreditation with some changes in the Test Materials/Products ,Test Names &Test Methods & Voluntary reduction in scope (Vicker Hardness ASME SEC IX)	13-08-2024
08	Certificate validity was extended for 3 months from 10-06-2024 up to 09-09-2024	10-06-2024
07	Re-issued due to a voluntary reduction in scope	28-11-2023
06	Renewal accreditation	07-07-2021

Accreditation Scope

LB-TEST-019

Lonestar Technical Services LLC.

215-404 Umm Ramool | Dubai | United Arab Emirates

Date: 07-05-2026

Metallurgical Testing

05	Certificate validity (10-06-2018 to 09-06-2021) was extended for 6 months	10-06-2021
04	First issuance under the name of EIAC (which was formerly known as DAC)	12/11/2019

Air Quality Monitoring Testing

Accreditation History		
Issue no.	Details	Date
10	Reissued due to relocation of the laboratory and modifications to the test names and test methods for some tests.	07-05-2026
09	Reissued due to a modifications in test materials/products and test names for some tests	04-08-2025
08	Renewal accreditation with some changes in the Test Materials/Products ,Test Names &Test Methods	13-08-2024
07	Certificate validity was extended for 3 months from 10-06-2024 up to 09-09-2024	10-06-2024
06	Re-issued due to extension in scope	28-11-2023
05	Renewal accreditation	07-07-2021
04	Certificate validity (10-06-2018 to 09-06-2021) was extended for 6 months	10-06-2021
03	First issuance under the name of EIAC (which was formerly known as DAC)	12/11/2019



مركز الإمارات العالمي للاعتماد
Emirates International Accreditation Centre

Accreditation Scope

LB-TEST-019

Lonestar Technical Services LLC.

215-404 Umm Ramool | Dubai | United Arab Emirates

Date: 07-05-2026

Construction Materials Testing Testing

01	Granted accreditation under the Construction Materials Testing scope due to the transfer of two chemical test methods (Moisture and Chloride in soils for civil engineering purposes) from the environmental scope,	07-05-2026
----	---	------------

Accreditation Scope
Environmental Testing

LB-TEST-019

Lonestar Technical Services LLC.

215-404 Umm Ramool | Dubai | United Arab Emirates

Issue no.: 16

Date: 07-05-2026

Valid to: 09-06-2027

Type of Activity	Test Materials/Products	Test Name	Test Method
Chemical	Drinking Water	Sampling	APHA 1060 DM TGNO.35
		Temperature	US EPA 170.1
		Color	APHA 2120 B & C US EPA 110.1
		Chlorine (Residual)	APHA 4500 Cl B US EPA 330.3
		pH	APHA 4500 H ⁺ B & US EPA 150.1
		Conductivity	APHA 2510 B & US EPA 120.1
		TDS	APHA 2540 C & US EPA 160.1
		Salinity	APHA 2520 B
		Turbidity	APHA 2130 B & US EPA 180.1
		Total hardness as CaCO ₃	APHA 2340 C & US EPA 130.2
		Total alkalinity as CaCO ₃	APHA 2320 B & US EPA 310.1
Oil & grease	APHA 5520 A,B & US EPA 1664A		

Accreditation Scope
Environmental Testing

LB-TEST-019

Lonestar Technical Services LLC.

215-404 Umm Ramool | Dubai | United Arab Emirates

Issue no.: 16

Date: 07-05-2026

Valid to: 09-06-2027

Type of Activity	Test Materials/Products	Test Name	Test Method
Chemical	Drinking Water	Metals / ICP	
		Sodium (Na)	APHA 3120 B
		Calcium (Ca)	APHA 3120 B
		Magnesium (Mg)	APHA 3120 B
		Potassium (k)	APHA 3120 B
		Boron (B)	APHA 3120 B
		Silica (SiO ₂)	APHA 3120B & US EPA 200.7
		Aluminum (Al)	APHA 3120B & US EPA 200.7
		Antimony (Sb)	APHA 3120B & US EPA 200.7
		Arsenic (As)	APHA 3120B & US EPA 200.7
		Barium (Ba)	APHA 3120B & US EPA 200.7
		Beryllium (Be)	APHA 3120B & US EPA 200.7
		Boron (B)	APHA 3120B & US EPA 200.7

Accreditation Scope
Environmental Testing

LB-TEST-019

Lonestar Technical Services LLC.

215-404 Umm Ramool | Dubai | United Arab Emirates

Issue no.: 16

Date: 07-05-2026

Valid to: 09-06-2027

Type of Activity	Test Materials/Products	Test Name	Test Method
Chemical	Drinking Water	Metals / ICP	
		Calcium (Ca)	APHA 3120B & US EPA 200.7
		Chromium (Cr)	APHA 3120B & US EPA 200.7
		Copper (Cu)	APHA 3120B & US EPA 200.7
		Iron (Fe)	APHA 3120B & US EPA 200.7
		Lead (Pb)	APHA 3120B & US EPA 200.7
		Magnesium (Mg)	APHA 3120B & US EPA 200.7
		Manganese (Mn)	APHA 3120B & US EPA 200.7
		Molybdenum (Mo)	APHA 3120B & US EPA 200.7
		Nickel (Ni)	APHA 3120B & US EPA 200.7
		Potassium (K)	APHA 3120B & US EPA 200.7
		Selenium (Se)	APHA 3120B & US EPA 200.7

Accreditation Scope
Environmental Testing

LB-TEST-019

Lonestar Technical Services LLC.

215-404 Umm Ramool | Dubai | United Arab Emirates

Issue no.: 16

Date: 07-05-2026

Valid to: 09-06-2027

Type of Activity	Test Materials/Products	Test Name	Test Method
Chemical	Drinking Water	Metals / ICP	
		Silver (Ag)	APHA 3120B & US EPA 200.7
		Sodium (Na)	APHA 3120B & US EPA 200.7
		Thallium (TL)	APHA 3120B & US EPA 200.7
		Titanium (Ti)	APHA 3120B & US EPA 200.7
		Vanadium (V)	APHA 3120B & US EPA 200.7
		Zinc (Zn)	APHA 3120B & US EPA 200.7
		Anions / Ion Chromatography	
		Fluoride (f) LOQ = 99ug/l	APHA 4110 B & US EPA 300.1
		Nitrates (NO ₃) LOQ = 97ug/l	APHA 4110 B & US EPA 300.1
		Nitrites (NO ₂) LOQ = 103ug/l	APHA 4110 B & US EPA 300.1
		Sulphates (SO ₄) LOQ = 96ug/l	APHA 4110 B & US EPA 300.1

Accreditation Scope
Environmental Testing

LB-TEST-019

Lonestar Technical Services LLC.

215-404 Umm Ramool | Dubai | United Arab Emirates

Issue no.: 16

Date: 07-05-2026

Valid to: 09-06-2027

Type of Activity	Test Materials/Products	Test Name	Test Method
Chemical	Drinking Water	Anions / Ion Chromatography	
		Fluoride (f) LOQ = 99ug/l	APHA 4110 B & US EPA 300.1
		Nitrates (NO ₃) LOQ = 97ug/l	APHA 4110 B & US EPA 300.1
		Nitrites (NO ₂) LOQ = 103ug/l	APHA 4110 B & US EPA 300.1
		Sulphates (SO ₄) LOQ = 96ug/l	APHA 4110 B & US EPA 300.1
		Chlorides (Cl) LOQ = 108ug/l	APHA 4110 B & US EPA 300.1
		Phosphate (PO ₄) LOQ = 205ug/l	APHA 4110 B & US EPA 300.1
		Bromate LOQ = 5.1ug/l	APHA 4110 D & US EPA 300.1
		Chlorite	APHA 4110 D & US EPA 300.1
		Orthophosphate (PO ₄)	APHA 4110 B

Accreditation Scope
Environmental Testing

LB-TEST-019

Lonestar Technical Services LLC.

215-404 Umm Ramool | Dubai | United Arab Emirates

Issue no.: 16

Date: 07-05-2026

Valid to: 09-06-2027

Type of Activity	Test Materials/Products	Test Name	Test Method
Chemical	Drinking Water	Anions / Ion Chromatography	
		Total Cyanide	US EPA 335.4
		Perchlorate	US EPA 314
		Ammonia	APHA 4500-NH ₃ B & USEPA350.1
		Total Sulfides	APHA 4500 S ²⁻ F & US EPA 376.1
		N-Hexane Extractable Material (HEM, Oil and Grease) and Silica Gel reacted N-Hexane Extractable Material (SGT-HEM:Non-Polar Material) by Extraction and Gravimetry)	US EPA Method 1664A
		Total Nitrites and Nitrates	US EPA 300.1

Accreditation Scope
Environmental Testing

LB-TEST-019

Lonestar Technical Services LLC.

215-404 Umm Ramool | Dubai | United Arab Emirates

Issue no.: 16

Date: 07-05-2026

Valid to: 09-06-2027

Type of Activity	Test Materials/Products	Test Name	Test Method		
Chemical	Wastewater	Sampling	APHA 1060 & DM TGNO.35		
		Temperature	US EPA 170.1		
		pH	APHA 4500 H ⁺ B		
		TDS	APHA 2540 C		
		TSS	APHA 2540 D		
		Oil & grease	APHA 5520 B		
		BOD (5 days)	APHA 5210 B		
		COD	APHA 5220 B		
		Metals / ICP			
		Nitrogen nitrates	APHA 4500 NO ₃ B		
		Nitrogen Nitrites	APHA 4500 NO ₂ B		
		Total nitrogen	APHA 4500 NC		
		Total Sulfides	APHA 4500 S ²⁻ F		
		Cadmium (Cd)	APHA 3120 B		
		Chromium (Cr)			

Accreditation Scope
Environmental Testing

LB-TEST-019

Lonestar Technical Services LLC.

215-404 Umm Ramool | Dubai | United Arab Emirates

Issue no.: 16

Date: 07-05-2026

Valid to: 09-06-2027

Type of Activity	Test Materials/Products	Test Name	Test Method
Chemical	Wastewater	Metals / ICP	
		Cobalt (Co)	APHA 3120 B
		Copper (Cu)	
		Iron (Fe)	
		Lead (Pb)	
		Manganese (Mn)	
		Nickel (Ni)	
		Silver (Ag)	
		Zinc (Zn)	
	Sludge	Sampling	
Soil & sediments	N-Hexane Extractable Material (HEM) for sludge, Sediment and Solid Samples	US EPA Method 9071B	
Soils, Solids, Sludge, non aqueous liquids	pH	US EPA 9045D	

Accreditation Scope
Environmental Testing

LB-TEST-019

Lonestar Technical Services LLC.

215-404 Umm Ramool | Dubai | United Arab Emirates

Issue no.: 16

Date: 07-05-2026

Valid to: 09-06-2027

Type of Activity	Test Materials/Products	Test Name	Test Method		
Chemical	Soils, Solids, Sludge,	% Solids (Fixed, Volatile & Total)	US EPA 1684		
		Oil content	US EPA 9071B APHA 5520E		
	Hazardous waste	Total Metals:			
		Arsenic (As)		US EPA SW 846/ 6010 B	
		Cadmium (Cd)			
		Chromium (Cr)			
		Cobalt (Co)			
		Copper (Cu)			
		Lead (Pb)			
		Nickel (Ni)			
		Selenium (Se)			
		Tin (Sn)			US EPA SW 846/ 6010 B
		Zinc (Zn)			
		Mercury (Hg)	US EPA SW 846/ 7471 B		

Accreditation Scope
Environmental Testing

LB-TEST-019

Lonestar Technical Services LLC.

215-404 Umm Ramool | Dubai | United Arab Emirates

Issue no.: 16

Date: 07-05-2026

Valid to: 09-06-2027

Type of Activity	Test Materials/Products	Test Name	Test Method	
Chemical	Hazardous waste	Leachable Metals		
		Mercury (Hg)	US EPA SW 846/ 1311/ 6010B	
		Arsenic (As)		
		Cadmium (Cd)		
		Chromium (Cr)		
		Cobalt (Co)		
		Copper (Cu)		
		Lead (Pb)		
		Nickel (Ni)		
		Selenium (Se)		
		Tin (Sn)	US EPA SW 846/ 1311/ 6010B	
		Zinc (Zn)		
		Mercury (Hg)	US EPA SW 846/ 1311/ 7471 B	
	Plain Carbon & Low Alloy Steels	Carbon (LOQ 0.01%)	In-House Reference Method CHM-SOP-117	
		Silicon (LOQ 0.02%)		

Accreditation Scope
Environmental Testing

LB-TEST-019

Lonestar Technical Services LLC.

215-404 Umm Ramool | Dubai | United Arab Emirates

Issue no.: 16

Date: 07-05-2026

Valid to: 09-06-2027

Type of Activity	Test Materials/Products	Test Name	Test Method
Chemical	Plain Carbon & Low Alloy Steels	Manganese (LOQ 0.01%)	In-House Reference Method CHM-SOP-117
		Phosphorus (LOQ 0.007%)	
		Sulphur (LOQ 0.002%)	
		Chromium (LOQ 0.01%)	
		Molybdenum (LOQ 0.01%)	
		Nickel (LOQ 0.02%)	
		Aluminium (LOQ 0.001%)	
		Copper (LOQ 0.01%)	
		Vanadium (LOQ 0.002%)	
		Nitrogen (LOQ 0.003%)	
		Niobium (LOQ 0.004%)	
		Titanium (LOQ 0.003%)	

Accreditation Scope
Environmental Testing

LB-TEST-019

Lonestar Technical Services LLC.

215-404 Umm Ramool | Dubai | United Arab Emirates

Issue no.: 16

Date: 07-05-2026

Valid to: 09-06-2027

Type of Activity	Test Materials/Products	Test Name	Test Method
Chemical	Plain Carbon & Low Alloy Steels	C, Si, Mn, P, S, Cr, Mo, Ni, Cu, N & V	In-House Reference Method CHM-SOP-138
Microbiology	Water / Waste Water	Heterotrophic Plate Count (TAB) : Pour Plate Membrane Filtration	APHA 9215B, 24 th Edition APHA 9215D, 24 th Edition
		Enumeration of Total Coliforms (TC) by Membrane Filtration	APHA 9222B, 24 th Edition
		Enumeration of Escherichia coli by Membrane Filtration	USFDA BAM : Chapter 4 (Section G)
		Enumeration of Faecal Coliforms by Membrane Filtration	APHA 9222D, 24 th Edition
		Enumeration of Faecal Streptococci and Enterococci by Membrane Filtration	APHA 9230C, 24 th Edition

Accreditation Scope
Environmental Testing

LB-TEST-019

Lonestar Technical Services LLC.

215-404 Umm Ramool | Dubai | United Arab Emirates

Issue no.: 16

Date: 07-05-2026

Valid to: 09-06-2027

Type of Activity	Test Materials/Products	Test Name	Test Method
Microbiology	Potable Water, Processed Water, Recreational Water and Ice	Water quality Enumeration of Legionella spp.	ISO 11731 Matrix A : procedures 5, 7, 8, 9 & 10. Matrix B : procedures 7, 8, 9 & 10
		Enumeration of Pseudomonas aeruginosa	ISO 16266
	Purified Water, Water for Dialysis, Ultra Pure Dialysis Fluid.	Endotoxin Detection	In House Method CHM- SOP-323-00 based on the Genscript Toxin Sensor Chromogenic Limulus Amoebocyte Lysate Assay Test Method

Accreditation Scope

Food Testing

LB-TEST-019

Lonestar Technical Services LLC.

215-404 Umm Ramool | Dubai | United Arab Emirates

Issue no.: 04

Date: 07-05-2026

Valid to: 09-06-2027

Type of Activity	Test Materials/Products	Test Name	Test Method
Microbiology	Food (Raw and Cooked Meats, Ready to Eat Meals, Dairy Products, Confectionary, Bakery, Salad Products, Spices, Condiments and Sea Foods)	Enumeration of Yeast & Mold	USFDA BAM : Chapter 18
		Enumeration of Total Coliforms	USFDA BAM : Chapter 4
		Enumeration of Faecal Coliforms	USFDA BAM : Chapter 4
		Enumeration of Escherichia coli	USFDA BAM : Chapter 4
		Enumeration of Clostridium perfringens	USFDA BAM : Chapter 16
		Enumeration of Staphylococcus aureus	USFDA BAM : Chapter 12
		Detection of Salmonella spp	ISO 6579 Part 1 AMD 1 : 2020
		Enumeration of Enterobacteriaceae	ISO 21528 Part 2
		Detection of Listeria monocytogens	USFDA BAM : Chapter 10
		Total Bacterial Count	USFDA BAM : Chapter 3

Accreditation Scope

Food Testing

LB-TEST-019

Lonestar Technical Services LLC.

215-404 Umm Ramool | Dubai | United Arab Emirates

Issue no.: 04

Date: 07-05-2026

Valid to: 09-06-2027

Type of Activity	Test Materials/Products	Test Name	Test Method
Microbiology	Food (Raw and Cooked Meats, Ready to Eat Meals, Dairy Products, Confectionary, Bakery, Salad Products, Spices, Condiments and Sea Foods)	Detection of Presumptive <i>Listeria</i> spp	Neogen Reveal <i>Listeria</i> 2.0
	Sea Food	Enumeration of <i>Vibrio parahaemolyticus</i>	USFDA BAM : Chapter 9
	Raw Meat (ground or diced), Salad products, Sprouted Seeds, Raw Vegetables and Cooked Meats	Detection of Presumptive <i>Escherichia coli</i> O157	AOAC 2000.14 Neogen Reveal <i>Ecoli</i> O157
	Food (Ready to Eat Meals / Rice, Dairy Products, Salad / Vegetables and Spices)	Enumeration of <i>Bacillus cereus</i>	USFDA BAM : Chapter 14

Accreditation Scope

Food Testing

LB-TEST-019

Lonestar Technical Services LLC.

215-404 Umm Ramool | Dubai | United Arab Emirates

Issue no.: 04

Date: 07-05-2026

Valid to: 09-06-2027

Type of Activity	Test Materials/Products	Test Name	Test Method
Microbiology	Swabs from: Food contact surface swab, Utensils and Hands	Aerobic Plate Count	BAM Chapter 3
		Enumeration of E. coli	CMMEF 9.91, 9.92 5th Edition
		Enumeration of Enterobacteriaceae	ISO 21528 Part 2
		Enumeration of Staphylococcus aureus	CMMEF Chapter 39 5 th Edition
Sampling	Food contact surface swab, Utensils and Hand Swabs	Swab Sampling Procedure	CMMEF Chapter 2 and 3 5th Edition CHM-SOP-406-00
		Food Sampling	USFDA BAM : Chapter 1 CHM-SOP-350-00
	Food		

Accreditation Scope

Metallurgical Testing

LB-TEST-019

Lonestar Technical Services LLC.

215-404 Umm Ramool | Dubai | United Arab Emirates

Issue no.: 11

Date: 07-05-2026

Valid to: 09-06-2027

Type of Activity	Test Materials/Products	Test Name	Test Method
Mechanical	Steel for the reinforcement of concrete-Weldable reinforcing steel-Bar, coil and decoiled product-Specification	Bend & Rebend	BS 4449+ AMD 2 Section # (7.2.5)
			BS EN ISO 15630 Part 1 Section # (6 & 7)
		Tensile Test (20 kN to 900 kN) (Ambient Temperature)	BS 4449 + AMD 3- section # (8)
			BS EN ISO 15630 Part 1 Section # (5)
	Metals, Alloys and Metal Products	Charpy Impact (-196°C & -40°C to Ambient)	ASTM A370
			ASTM E23
			BS EN ISO 148 Part 1
		Brinell Hardness (HBW (1/10, 1/30))	ASTM E10
			BS EN ISO 6506 Part 1
		Rockwell Hardness (HRB & HRC)	ASTM E18
BS EN ISO 6508 Part 1			

Accreditation Scope

Metallurgical Testing

LB-TEST-019

Lonestar Technical Services LLC.

215-404 Umm Ramool | Dubai | United Arab Emirates

Issue no.: 11

Date: 07-05-2026

Valid to: 09-06-2027

Type of Activity	Test Materials/Products	Test Name	Test Method
Mechanical	Metals, Alloys and Metal Products	Vickers Hardness (HV5, HV10 & HV30)	ASTM E92
			BS EN ISO 6507 Part 1
		Tensile Test (20 kN to 900 kN) (Ambient Temperature)	ASTM A370
			ASTM E8/E8M
			BS EN ISO 6892 Part 1
	Weldments	Bend Test	ASME SEC IX Section (QW 160)
			ASTM E190
			AWS B4.0M (Clause # 6)
			AWS D1.1 / D1.1M Section # (6.8 & 6.9)
			API 1104, 22 nd Edition 21 section # (12.6 - 12.9)
	BS EN ISO 5173		

Accreditation Scope

Metallurgical Testing

LB-TEST-019

Lonestar Technical Services LLC.

215-404 Umm Ramool | Dubai | United Arab Emirates

Issue no.: 11

Date: 07-05-2026

Valid to: 09-06-2027

Type of Activity	Test Materials/Products	Test Name	Test Method
Mechanical	Weldments	Charpy Impact (-196°C & -40°C to Ambient)	ASME SEC IX Section # QW 250 & 251
			AWS B4.0M Section # (7.1 & 7.2)
			AWS D1.1 / D1.1M Section # (6.26 & 6.27)
			API 1104, 22nd Edition Section # (12.6 - 12.9)
			BS EN ISO 9016
		Fracture Test (Fillet & Nick Break)	ASME SEC IX (Fillet) Section # QW 182
			AWS B4.0M (Nick break) - Section 9
			AWS D1.1 / D1.1M (Fillet)
			API 1104, 22nd Edition:21(Nick break)-
			BS EN ISO 9017 (Fillet)

Accreditation Scope

Metallurgical Testing

LB-TEST-019

Lonestar Technical Services LLC.

215-404 Umm Ramool | Dubai | United Arab Emirates

Issue no.: 11

Date: 07-05-2026

Valid to: 09-06-2027

Type of Activity	Test Materials/Products	Test Name	Test Method
Mechanical	Weldments	Vickers Hardness (HV5, HV10 & HV30)	AWS B4.0M (8 & 10)
			NACE MR0175 & ISO 15156 Part 2
			BS EN ISO 9015 Part 1
		Macro Examination	ASME SEC IX Section # QW183
			AWS D1.1 / D1.1M Section # (6-10)
			BS EN ISO 17639
		Micro Examination	ASME SEC IX
			AWS D1.1 / D1.1M
			BS EN ISO 17639
		Tensile Test (20 kN to 900 kN) (Ambient Temperature)	ASME SEC IX Section # QW 151,152 &
			AWS B4.0M Clause # 4

Accreditation Scope

Metallurgical Testing

LB-TEST-019

Lonestar Technical Services LLC.

215-404 Umm Ramool | Dubai | United Arab Emirates

Issue no.: 11

Date: 07-05-2026

Valid to: 09-06-2027

Type of Activity	Test Materials/Products	Test Name	Test Method
Mechanical	Weldments	Tensile Test (20 kN to 900 kN) (Ambient Temperature)	AWS D1.1 / D1.1M Section 6-10
			API 1104, 22 nd Edition Section # (Clause 5, 6, 10 & 12)
			BS EN ISO 4136
Metallurgy	Nickel base and chromium bearing alloys	Critical Pitting Temperature	ASTM G48 Method C
	Metals, Alloys & Weldments	Corrosion Test: Sulfide Stress Cracking	NACE TM0177:24 ASTM G39:21
	Pipe Line & Pressure Vessel Steels	Hydrogen Induced Cracking (HIC)	NACE TM0284
	Austenitic Stainless Steels	Inter-granular Corrosion	ASTM A262 A, B, C, and E
	Wrought Nickel and Chromium Bearing Alloys	Inter-granular Corrosion	ASTM G28 Method A

Accreditation Scope

Metallurgical Testing

LB-TEST-019

Lonestar Technical Services LLC.

215-404 Umm Ramool | Dubai | United Arab Emirates

Issue no.: 11

Date: 07-05-2026

Valid to: 09-06-2027

Type of Activity	Test Materials/Products	Test Name	Test Method
Metallurgy	Stainless Steels, Nickel Base and Chromium Bearing Alloys	Pitting Resistance	ASTM G48 Method A
	Stainless Steels	Critical Pitting Temperature	ASTM G48 Method E
Metallography	Metals, Alloys, Weldments	Preparation of Metallographic specimen	ASTM E3
		Determining volume fraction by systematic manual point count	ASTM E562

Accreditation Scope

Air Quality Monitoring Testing

LB-TEST-019

Lonestar Technical Services LLC.

215-404 Umm Ramool | Dubai | United Arab Emirates

Issue no.: 10

Date: 07-05-2026

Valid to: 09-06-2027

Type of Activity	Test Materials/Products	Test Name	Test Method
Chemical	Indoor Air Quality	Sampling and analysis of Respirable Suspended Particulate Matter (RSPM - PM 2.5) Range: 0 – 1000 µg/m ³	AS/NZS 3580.12.1
Chemical	Indoor Air Quality	Sampling and analysis of Respirable Suspended Particulate Matter (RSPM - PM 10) Range: 0 – 1000 µg/m ³	AS/NZS 3580.12.1
Chemical	Indoor Air Quality	Sampling and analysis of Total Suspended Particulate Matter (TSPM) Range: 0 – 1000 µg/m ³	AS/NZS 3580.12.1
Chemical	Indoor Air Quality	Determination of Carbon Monoxide (CO) Range: 0 to 50 ppm LOD-0.05 ppm LOQ-0.14 ppm	In house SOP IAQ-SOP-022- indoor Gasses Monitoring

Accreditation Scope

Air Quality Monitoring Testing

LB-TEST-019

Lonestar Technical Services LLC.

215-404 Umm Ramool | Dubai | United Arab Emirates

Issue no.: 10

Date: 07-05-2026

Valid to: 09-06-2027

Type of Activity	Test Materials/Products	Test Name	Test Method
Chemical	Indoor Air Quality	Determination Carbon Dioxide (CO ₂) Range: 0 - 5000 ppm LOD-8.31 ppm LOQ-25.17 ppm	In house SOP IAQ-SOP-022- indoor Gasses Monitoring
Chemical	Indoor Air Quality	Determination of Oxygen (O ₂) Range: 0 - 25% LOD-0.21% LOQ-0.63%	In house SOP IAQ-SOP-022- indoor Gasses Monitoring
Chemical	Indoor Air Quality	Determination of Formaldehyde (CH ₂ O) Range: 0 - 5 ppm LOD-0.04 ppm	In house SOP IAQ-SOP-022- indoor Gasses Monitoring
Chemical	Indoor Air Quality	Determination of Ozone (O ₃) Range: 0 - 1 ppm LOD-0.003 ppm	In house SOP IAQ-SOP-022- indoor Gasses Monitoring
Chemical	Indoor Air Quality	Determination of Sulphur Dioxide (SO ₂) Range: 0 - 20 ppm LOD-0.04 ppm LOQ-0.12 ppm	In house SOP IAQ-SOP-022- indoor Gasses Monitoring

Accreditation Scope

Air Quality Monitoring Testing

LB-TEST-019

Lonestar Technical Services LLC.

215-404 Umm Ramool | Dubai | United Arab Emirates

Issue no.: 10

Date: 07-05-2026

Valid to: 09-06-2027

Type of Activity	Test Materials/Products	Test Name	Test Method
Chemical	Indoor Air Quality	Determination of Nitrogen Dioxide (NO ₂) Range: 0 - 5 ppm LOD-0.06 ppm LOQ-0.17 ppm	In house SOP IAQ-SOP-022- indoor Gasses Monitoring
Chemical	Indoor Air Quality	Determination of Total Volatile Organic Compounds (TVOC) Range: 0 - 30 ppm LOD-0.05 ppm LOQ-0.15 ppm	In house SOP IAQ-SOP-022- indoor Gasses Monitoring
Physical	Indoor Air Quality	Meteorological monitoring of Temperature, (°C) Rang: 5 °C to 50 °C	In house SOP IAQ-SOP-022- indoor Gasses Monitoring
Chemical	Ambient Atmosphere	Determination of Particulate Matter (PM 10) Range: 1 to 1000 µg/m ³ LOD-1.1 µg/m ³ LOQ-11.0 µg/m ³	In-house method CHM-SOP-257 Based on MASA 501

Accreditation Scope

Air Quality Monitoring Testing

LB-TEST-019

Lonestar Technical Services LLC.

215-404 Umm Ramool | Dubai | United Arab Emirates

Issue no.: 10

Date: 07-05-2026

Valid to: 09-06-2027

Type of Activity	Test Materials/Products	Test Name	Test Method
Chemical	Ambient Atmosphere	Determination of Total Suspended Particulates (TSP) Range: 1 to 1000 µg/m ³ LOD-1.1 µg/m ³ LOQ-11.0 µg/m ³	In-house method CHM-SOP-257 Based on MASA 501
Chemical	Ambient Atmosphere	Sulfur Dioxide (SO ₂) Range: 2 µg/m ³ to 1050 µg/m ³ LOD-24.23 µg/m ³ LOQ-26.93 µg/m ³	In-house method CHM-SOP-258 Based on MASA 704A
Chemical	Ambient Atmosphere	Determination of Oxide of Nitrogen (NO _x) Range: 2 to 700 µg/m ³ LOD-24.23µg/m ³ LOQ-26.93µg/m ³	In-house method CHM-SOP-162 Based on MASA 408 & IS:5182 (PART VI)-1975 Edition 2004
Chemical	Ambient Atmosphere	Determination of Ozone (O ₃) Range: 2 to 500 µg/m ³ LOD-22.8 µg/m ³ LOQ-25.27µg/m ³	In-house method CHM-SOP- 145 Based on MASA 411

Accreditation Scope

Air Quality Monitoring Testing

LB-TEST-019

Lonestar Technical Services LLC.

215-404 Umm Ramool | Dubai | United Arab Emirates

Issue no.: 10

Date: 07-05-2026

Valid to: 09-06-2027

Type of Activity	Test Materials/Products	Test Name	Test Method
Chemical	Ambient Atmosphere	Determination of Carbon Monoxide (CO) Analytical Direct Reading Instrumental Method Range: 0 to 50 ppm LOD-0.1 ppm LOQ-0.3 ppm	In-House Method CHM-SOP-409
Chemical	Stack Emission	Determination of Particulate Matter (PM) Analytical Gravimetric Method LOD: 0.35 mg/m ³ LOQ-1.16 mg/m ³	US EPA # 17 US EPA # 5
Chemical	Stack Emission	Determination of Carbon Monoxide (CO) Range: 0 to 5000 ppm LOD - 0.4 ppm LOQ - 1.3 ppm	US EPA CTM 030 US EPA CTM 034
Chemical	Stack Emission	Determination of Oxide of Nitrogen (NOX) Range: 0 to 3000 ppm LOD - 0.5 ppm	US EPA CTM 030 US EPA CTM 034

Accreditation Scope

Air Quality Monitoring Testing

LB-TEST-019

Lonestar Technical Services LLC.

215-404 Umm Ramool | Dubai | United Arab Emirates

Issue no.: 10

Date: 07-05-2026

Valid to: 09-06-2027

Type of Activity	Test Materials/Products	Test Name	Test Method
Chemical	Stack Emission	Determination of Sulfur Dioxide (SO ₂) Range: 0 to 5000 ppm LOD - 1.2 ppm LOQ - 3.96 ppm	US EPA # 6 C
Chemical	Stack Emission	Determination of Nitrogen Dioxide (NO ₂) Range: 0 to 500 ppm LOD - 0.4 ppm LOQ - 1.3 ppm	US EPA CTM 030 US EPA CTM 034
Chemical	Stack Emission	Determination of Nitric Oxide (NO) Range: 0 to 500 ppm LOD - 0.5 ppm LOQ - 1.50 ppm	US EPA CTM 030 US EPA CTM 034
Chemical	Stack Emission	Sampling and analysis of Total Volatile Organic Compounds by digital data logging instrument , (TVOC) Range: 0 to 50 ppm LOD - 0.3ppm LOQ - 1.0ppm	lh-house method CHM-SOP-408

Accreditation Scope

Air Quality Monitoring Testing

LB-TEST-019

Lonestar Technical Services LLC.

215-404 Umm Ramool | Dubai | United Arab Emirates

Issue no.: 10

Date: 07-05-2026

Valid to: 09-06-2027

Type of Activity	Test Materials/Products	Test Name	Test Method
Chemical	Stack Emission	Determination of oxygen, (O ₂) Range: 0 to 25 vol.% LOD-0.2% LOQ-0.6%	USEPA CTM 030
Chemical	Stack Emission	Determination of carbon dioxide, (CO ₂) Range: 0 to 50 vol.% LOD-0.2%	USEPA METHOD 3A
Chemical	Ambient Air	Sampling and analysis of particulate matters (PM 2.5, PM 10, TSP) by light scattering - Integrating nephelometer method. PM 2.5; Range: 0 to 2000 µg/m ³ LOD-2.5 µg/m ³ - LOQ- 7.5 µg/m ³ PM10; Range: 0 to 2000 µg/m ³ LOD-3.5 µg/m ³ - LOQ- 10.8 µg/m ³ TSP: Range: 0 to 2000 µg/m ³	AS/NZS 3580.12.1

Accreditation Scope

Air Quality Monitoring Testing

LB-TEST-019

Lonestar Technical Services LLC.

215-404 Umm Ramool | Dubai | United Arab Emirates

Issue no.: 10

Date: 07-05-2026

Valid to: 09-06-2027

Type of Activity	Test Materials/Products	Test Name	Test Method
Chemical	Ambient Air	Determination of oxides of nitrogen (NOx) by Direct reading Instrumental method Range: 0 to 500 ppb LOD-0.5 ppb LOQ-1.5 ppb	AS 3580.5.1
Chemical	Ambient Air	Determination of sulfur dioxide (SO2) by direct Direct reading Instrumental method Range: 0 to 500 ppb LOD-0.9 ppb LOQ-2.6 ppb	AS 3580.4.1
Chemical	Ambient Air	Determination of carbon monoxide (CO) by Direct reading Instrumental method Range: 0 to 50 ppm LOD-0.2 ppm LOQ-0.5ppm	AS 3580.7.1

Accreditation Scope

Air Quality Monitoring Testing

LB-TEST-019

Lonestar Technical Services LLC.

215-404 Umm Ramool | Dubai | United Arab Emirates

Issue no.: 10

Date: 07-05-2026

Valid to: 09-06-2027

Type of Activity	Test Materials/Products	Test Name	Test Method
Chemical	Ambient Air	Determination of Ozone (O ₃) Direct reading Instrumental method Range: 0 to 500 ppb LOD-0.5 ppb LOQ-1.6ppb	AS 3580.6.1
Chemical	Ambient Air	Determination of Hydrogen sulfide (H ₂ S) Direct reading Instrumental method Range: 0 to 10 ppm LOD-0.3 ppm LOQ-0.8ppm	In-house method CHM-SOP-407
Chemical	Ambient Air	Determination of Ammonia (NH ₃) Direct reading Instrumental method Range: 0 to 10 ppm LOD-0.3 ppm LOQ-0.6ppm	
Physical	Ambient Atmosphere	Determination of Noise Range: 20 to 140 dBA	ISO 1996 Acoustic Part 2

Accreditation Scope

Air Quality Monitoring Testing

LB-TEST-019

Lonestar Technical Services LLC.

215-404 Umm Ramool | Dubai | United Arab Emirates

Issue no.: 10

Date: 07-05-2026

Valid to: 09-06-2027

Type of Activity	Test Materials/Products	Test Name	Test Method
Physical	Indoor Air Quality	Meteorological monitoring of Relative humidity , % Range: 0 to 99%	In house SOP IAQ-SOP-022 Indoor Gasses Monitoring
Physical	Noise (Indoor & Workplace)	Acoustics — Description, measurement and assessment of environmental noise Part 2: Determination of sound pressure levels Range: 10 to 140 dBA	ISO 1996 Part 2
Physical	Luminosity (Indoor & Workplace)	Interior and workplace lighting Part 3: Measurement, calculation and presentation of photometric data Range: 0 to 99999 Lux	AS/NZS 1680.3
Physical	Ambient Air	Determination of Wind Detection (° angle) Range (0-360°)	AS/NZS 3580.14
Physical	Ambient Air	Determination of Wind speed Range: 0.5 to 30 m/s	AS/NZS 3580.14

Accreditation Scope

Air Quality Monitoring Testing

LB-TEST-019

Lonestar Technical Services LLC.

215-404 Umm Ramool | Dubai | United Arab Emirates

Issue no.: 10

Date: 07-05-2026

Valid to: 09-06-2027

Type of Activity	Test Materials/Products	Test Name	Test Method
Physical	Ambient Air	Determination of Temperature (° C) Range (0° C to 55°C)	AS/NZS 3580.14
Physical	Ambient Air	Determination of Relative Humidity (%) Range: 0% to 99%	AS/NZS 3580.14



مركز الإمارات العالمي للاعتماد
Emirates International Accreditation Centre

Accreditation Scope

Construction Materials Testing

LB-TEST-019

Lonestar Technical Services LLC.

215-404 Umm Ramool | Dubai | United Arab Emirates

Issue no.: 01

Date: 07-05-2026

Valid to: 09-06-2027

Type of Activity	Test Materials/Products	Test Name	Test Method
Chemical	Soils for civil engineering purposes	Moisture Content (%)	US EPA CE 81/1
		Chlorides	BS 1377-3