



ACCREDITATION CERTIFICATE

LB-TEST-019

Emirates International Accreditation Centre

has accredited

LONESTAR TECHNICAL SERVICES LLC.

Building DY34 | Inside Dubai Ship Docking | Yard | Al Jadaf

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: 13-08-2024 to 09-06-2027

Initial Accreditation Date: 10-06-2003



Amina Ahmed Mohammed
For/CHIEF EXECUTIVE OFFICER



Accreditation Scope

LB-TEST-019

Lonestar Technical Services LLC.

Building DY34 | Inside Dubai Ship Docking | Yard | Al Jadaf

Dubai | United Arab Emirates

Date: 13-08-2024

Environmental Testing

Accreditation History		
Issue no.	Details	Date
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)	12-11-19

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Lonestar Technical Services LLC.

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Metallurgical Testing

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 valedity was extended for 3 months from 10-06-2024 up to 09-09-2024	10-06-2024
07	Re-issued fue to a voluntary reduction in scope	28-11-2023
06	Renewal accreditation	07-07-2021
05	Certificate valedity (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)	12-11-19

Air Quality Monitoring Testing

Accreditation History		
Issue no.	Details	Date
08	Renewal accreditation with some changes in the Test Materials/Products ,Test Names &Test Methods	13-08-2024
07	Certificate valedity 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 valedity (10-06-2018 to 09-06-2021) was extended for 6 months	10-06-2021

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Air Quality Monitoring Testing

Accreditation History		
03	First issuance under the name of EIAC (which was formerly known as DAC)	12-11-19

Food Testing

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	11-02-22

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Lonestar Technical Services LLC.

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Issue no.: 15

Date: 13-08-2024

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 CI G 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

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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

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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

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Type of Activity	Test Materials/Products	Test Name	Test Method
Chemical	Drinking Water	Metals / ICP	
		Silver (Ag)	APHA 3120B & US EPA
		Sodium (Na)	APHA 3120B & US EPA
		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

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Type of Activity	Test Materials/Products	Test Name	Test Method
Chemical	Drinking Water	Anions / Ion Chromatography	
		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 B & US EPA 300.1
		Chlorite	APHA 4110 B & US EPA 300.1
		Orthophosphate (PO ₄)	APHA 4110 B
		Total Cyanide	US EPA 335.3
		Perchlorate	US EPA 314
		Ammonia	APHA 4500-NH ₃ B & USEPA350.1
		Total Sulfides	APHA 4500 S ²⁻ F & US EPA 376.1

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Type of Activity	Test Materials/Products	Test Name	Test Method
Chemical	Drinking Water	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
	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

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Type of Activity	Test Materials/Products	Test Name	Test Method
Chemical	Wastewater	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)	
		Cobalt (Co)	
		Copper (Cu)	
		Iron (Fe)	
		Lead (Pb)	
		Manganese (Mn)	
		Nickel (Ni)	
		Silver (Ag)	

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Type of Activity	Test Materials/Products	Test Name	Test Method
Chemical	Wastewater	Metals / ICP	
		Zinc (Zn)	APHA 3120 B
	Sludge	Sampling	DMS11, DM TGNO.35 APHA 1060
	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
	Soils, Solids, Sludge,	% Solids (Fixed, Volatile & Total)	US EPA 1684
		Oil content	US EPA 9071B APHA 5520E
	Soils for civil engineering purposes	Moisture Content (%)	US EPA CE 81/1
		Chlorides	BS 1377-3
	Hazardous waste	Total Metals:	US EPA SW 846/ 6010
		Arsenic (As)	B

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Type of Activity	Test Materials/Products	Test Name	Test Method
Chemical	Hazardous waste	Total Metals:	US EPA SW 846/ 6010 B
		Cadmium (Cd)	
		Chromium (Cr)	
		Cobalt (Co)	
		Copper (Cu)	
		Lead (Pb)	
		Nickel (Ni)	
		Selenium (Se)	
		Tin (Sn)	
		Zinc (Zn)	
		Mercury (Hg)	US EPA SW 846/ 7471 A
		Leachable Metals:	US EPA SW 846/ 1311/ 6010B
		Mercury (Hg)	
Arsenic (As)			

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Type of Activity	Test Materials/Products	Test Name	Test Method
Chemical	Hazardous waste	Leachable Metals:	US EPA SW 846/ 1311/ 6010B
		Mercury (Hg)	
		Cadmium (Cd)	
		Chromium (Cr)	
		Cobalt (Co)	
		Copper (Cu)	
		Lead (Pb)	
		Nickel (Ni)	
		Selenium (Se)	
		Tin (Sn)	
		Zinc (Zn)	
		Mercury (Hg)	US EPA SW 846/ 1311/ 7471 A

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Type of Activity	Test Materials/Products	Test Name	Test Method
Chemical	Plain Carbon & Low Alloy Steels	Carbon (LOQ 0.01%)	In-House Reference Method CHM-SOP-117
		Silicon (LOQ 0.02%)	
		Manganese (LOQ 0.01%)	
		Phosphorus (LOQ 0.007%)	
		Sulphur (LOQ 0.002%)	
		Chromium (LOQ 0.01%)	
		Molybdenum (LOQ 0.01%)	
		Nickel (LOQ 0.02%)	

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Type of Activity	Test Materials/Products	Test Name	Test Method
Chemical	Plain Carbon & Low Alloy Steels	Aluminium (LOQ 0.001%)	In-House Reference Method CHM-SOP-117
		Copper (LOQ 0.01%)	
		Vanadium (LOQ 0.002%)	
		Nitrogen (LOQ 0.003%)	
		Niobium (LOQ 0.004%)	
		Titanium (LOQ 0.003%)	
Chemical	Stainless & High Alloy Steels	C, Si, Mn, P, S, Cr, Mo, Ni, Cu, N & V	In-House Reference Method CHM-SOP-138

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Type of Activity	Test Materials/Products	Test Name	Test Method
Microbiology	Water / Waste Water	Heterotrophic Plate Count (TAB) : Pour Plate	APHA 9215B, 24th Edition
		Membrane Filtration	APHA 9215D, 24th Edition
		Enumeration of Total Coliforms (TC) by Membrane Filtration	APHA 9222B, 24th Edition
		Enumeration of Escherichia coli by Membrane Filtration	APHA 9222D and 9225D, 24th Ed.
		Enumeration of Faecal Coliforms by Membrane Filtration	APHA 9222D, 24th Ed.
		Enumeration of Faecal Streptococci and Enterococci by Membrane Filtration	APHA 9230C, 24th Ed.

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Type of Activity	Test Materials/Products	Test Name	Test Method
Microbiology	Potable Water, Process Water & Recreational Water.	Water quality Enumeration of Legionella spp.	ISO 11731 Matrix A : procedures 5, 7, 8, 9 & 10. Matrix B : procedures 7, 8, 9 & 10
Microbiology	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
	Potable Water, Processed Water, Recreational Water and Ice	Enumeration of Pseudomonas aeruginosa	ISO 16266:2006

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Metallurgical Testing

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Type of Activity	Test Materials/Products	Test Name	Test Method
Mechanical	Carbon Steel for the reinforcement of concrete	Bend & Re-bend	BS 4449: 2005 + AMD 2
			BS EN ISO 15630 Part 1
		Tensile Test (20kN to 900 kN) (Ambient Temperature)	BS 4449: 2005 + AMD 2
			BS EN ISO 15630 Part 1
Mechanical	Metals, Alloys and Metal Products	Charpy Impact (-196°C & -40°C to Ambient temperature)	ASTM A370
			ASTM E23
			BS EN ISO 148-1
		Brinell Hardness (HBW 1/10, 1/30)	ASTM E10
			BS EN ISO 6506-1
		Rockwell Hardness (HRB & HRC High ,medium & low ranges)	ASTM E18
BS EN ISO 6508-1			

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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 6507-1
		Tensile Test (20 kN to 900 kN (Ambient Temperature))	ASTM A370
			ASTM E8/E8M
			BS EN ISO 6892-1
	Weldments	Bend Test	ASME SEC IX (Fillet)
			ASTM E190
			AWS B4.0M (Nick break)
			AWS D1.1 / D1.1M (Fillet)
			API 1104, 22 nd Edition (nick break)

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Type of Activity	Test Materials/Products	Test Name	Test Method
Mechanical	Weldments	Bend Test	BS EN ISO 5173
		Charpy Impact (-196°C & -40°C to Ambient Temperature)	ASME SEC IX (Fillet)
			AWS B4.0M (Nick break)
			AWS D1.1 / D1.1M (Fillet)
			API 1104, 22 nd Edition (nick break)
			BS EN ISO 9016
		Fracture Test (Fillet & Nick Break)	ASME SEC IX (Fillet)
			AWS B4.0M (Nick break)
			AWS D1.1 / D1.1M (Fillet)
			API 1104, 22 nd Edition (nick break)
BS EN ISO 9017 (Fillet)			

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Type of Activity	Test Materials/Products	Test Name	Test Method
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Mechanical	Weldments	Vickers Hardness (HV5, HV10 & HV30)	ASME SEC IX (Fillet)
			AWS B4.0M (Nick break)
			NACE MR0175 & ISO 15156:20 BS EN ISO 9015-1
		Macro Examination	ASME SEC IX (Fillet)
			AWS D1.1 / D1.1M (Fillet)
			BS EN ISO 17639
		Micro Examination	ASME SEC IX (Fillet)
			AWS D1.1 / D1.1M (Fillet)
			BS EN ISO 17639

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Type of Activity	Test Materials/Products	Test Name	Test Method
Mechanical	Weldments	Tensile Test (20 kN to 900 kN) (Ambient Temperature)	ASME SEC IX (Fillet)
			AWS B4.0M (Nick break)
			AWS D1.1 / D1.1M (Fillet)
			API 1104, 22 nd Edition (nick break)
			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 & Sulfide Stress Cracking	NACE TM0177 ASTM G39
	Pipe Line & Pressure Vessel Steels	Hydrogen Induced Cracking (HIC)	NACE TM0284
	Austenitic Stainless Steels	Inter-granular Corrosion	ASTM A262 A, B, C, and E

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Type of Activity	Test Materials/Products	Test Name	Test Method
Metallurgy	Wrought Nickel and Chromium Bearing Alloys	Inter-granular Corrosion	ASTM G28 Method A
	Stainless Steels, Nickel Base and Chromium Bearing Alloys	Pitting Resistance	ASTM G48 Method A
	Stainless Steels	Critical Pitting Temperature	ASTM G48 Method E

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Type of Activity	Test Materials/Products	Test Name	Test Method
Chemical	Indoor Air Quality	Methods for sampling and analysis of ambient air Method 12.1: Determination of light scattering - Integrating	ASNZS 3580 Method 12.1
		Respirable Suspended Particulate Matter (RSPM - PM 2.5) Range: 0 – 1000 µg/m3	
		Respirable Suspended Particulate Matter (RSPM - PM 10) Range: 0 – 1000 µg/m3	
		Total Suspended Particulate Matter (TSPM) Range: 0 – 1000 µg/m3	

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Type of Activity	Test Materials/Products	Test Name	Test Method
Chemical	Indoor Air Quality	Method for sampling and analysis of ambient air Part 15: Determination of gaseous pollutants in ambient air using differential optical absorption spectrometry (DOAS)-Direct-reading instrumental method: Carbon Monoxide (CO)	ASNZS 3580 Part 15
Chemical	Indoor Air Quality	Method for sampling and analysis of ambient air Part 15: Determination of gaseous pollutants in ambient air using differential optical absorption spectrometry (DOAS)-Direct-reading instrumental method:	ASNZS 3580 Part 15
Chemical	Indoor Air Quality	Carbon Dioxide (CO ₂)Range: 0 - 5000 ppm Oxygen (O ₂) Range: 0 - 25%	ASNZS 3580 Part 15

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Type of Activity	Test Materials/Products	Test Name	Test Method
Chemical	Indoor Air Quality	Formaldehyde (CH ₂ O)Range: 0 - 5 ppm	ASNZS 3580 Part 15
		Ozone (O ₃) Range: 0 - 1 ppm	
		Sulphur Dioxide (SO ₂)Range: 0 - 20 ppm	
		Nitrogen Dioxide (NO ₂)Range: 0 - 5 ppm	
		Total Volatile Organic Compounds (TVOC) Range: 0 - 30 ppm	

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Type of Activity	Test Materials/Products	Test Name	Test Method
Chemical	Indoor Air Quality	Methods for sampling and analysis of ambient air Part 14: Meteorological monitoring for ambient air quality monitoring applications: - Temperature, °C Range 5 to 50 °C - Relative humidity, %	ASNZS 3580 Part 14
Chemical	Indoor Air Quality/ Ambient Atmosphere	Particulate Matter(PM 10) Range: 3.5 to 1000 µg/m3	MASA 501
		Total Suspended Particulates (TSP) Range: 3.5 to 1000 µg/m3	MASA 501
		Sulfur Dioxide (SO ₂) Range: 0 to 0.1 ppm	MASA 704-A
		Oxide of Nitrogen (NOX) Range: 20 to 700 µg/m3	MASA 408
Chemical	Indoor Air Quality/ Ambient Atmosphere	Ozone (O ₃) Range: 19.6 to 19620 µg/m3	MASA 411

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Type of Activity	Test Materials/Products	Test Name	Test Method
Chemical	Indoor Air Quality/ Ambient Atmosphere	Carbon Monoxide (CO)Analytical Method Range: 0 to 50 ppm	Multi-ray Gas Analyzer(Electrochemical Sensor)
Chemical	Indoor Air Quality/ Ambient Atmosphere	Noise Range: 20 to 140 dBA	ISO 1996-2 Acoustic Part 2
	Stack Emission	Particulate Matter (PM)Analytical Gravimetric Method Limit of Detection: 0.1 mg	US EPA # 17, US EPA # 5
		Carbon Monoxide (CO)Analytical method Range: 0 to 5000 ppm	US EPA CTM 030/ CTM034
		Oxide of Nitrogen (NOX)Range: 0 to 3000 ppm	US EPA CTM 030/ CTM034

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Air Quality Monitoring Testing
LB-TEST-019

Lonestar Technical Services LLC.

Building DY34 | Inside Dubai Ship Docking | Yard | Al Jadaf

Dubai | United Arab Emirates

Issue no.: 08

Date: 13-08-2024

Valid to: 09-06-2027

Type of Activity	Test Materials/Products	Test Name	Test Method
Chemical	Stack Emission	Sulfur Dioxide (SO ₂) Range: 0 to 5000 ppm	US EPA # 6 C
		Nitrogen Dioxide (NO ₂) Range: 0 to 500 ppm	US EPA CTM 030/ CTM034
		Sampling and analysis of total volatile organic carbon by digital data logging instrument Range: 0 to 50 ppm	In-house validated method CHM-SOP-408-00- TVOC
Chemical	Stack Emission	Determination of oxygen (O ₂) using portable analyzers Range: 0 to 25 vol.%	USEPA CTM 030
Chemical	Stack Emission	Determination of carbon dioxide (CO ₂) using portable analyzers Range: 0 to 50 vol.%	USEPA METHOD 3A

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Type of Activity	Test Materials/Products	Test Name	Test Method
Chemical	Ambient Air	Sampling and analysis of particulate matters (PM 2.5, PM 10) by light scattering - Integrating nephelometer method PM 2.5; Range: 0 to 2000 µg/m3 PM10; Range: 0 to 2000 µg/m3	AS/NZS 3580.12.1-2015

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Type of Activity	Test Materials/Products	Test Name	Test Method
Chemical	Ambient Air	Sampling and analysis of total suspended particulate matters (TSP) by light scattering - Integrating nephelometer method TSP: Range: 0 to 2000 µg/m3	AS/NZS 3580.12.1-2015
		Determination of oxides of nitrogen (Nox) by direct-reading instrumental method Range: 0 to 0.5 ppm	AS 3580.5.1:2023
		Determination of sulfur dioxide (SO2) by direct reading instrumental method Range: 0 to 0.5 ppm	AS 3580.4.1: 2023
		Determination of carbon monoxide (CO) by direct-reading instrumental method Range: 0 to 50 ppm	AS 3580.7.1: 2011 & 2012

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Chemical	Ambient Air	Determination of Ozone (O3) by direct-Reading Instrumental Method Range: 0 to 0.5 ppm	AS 3580.6.1:2023
		Determination of Hydrogen sulfide (H2S) Range: 0 to 10 ppm	lh-house validated method CHM-SOP-407
		Determination of ammonia (NH3) Range: 0 to 10 ppm	lh-house validated method CHM-SOP-407
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
	Luminosity (Indoor & Workplace)	Interior and workplace lighting Part 3: Measurement, calculation and presentation of photometric data Range: 0 to 99999 Lux	ASNZS 1680 Part 3

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Type of Activity	Test Materials/Products	Test Name	Test Method
Physical	Ambient Air	Determination of Wind Direction Range (0-360°)	AS/NZS 3580.14-2014
		Determination of Wind Speed -Range: 0.5 to 30 m/s	AS/NZS 3580.14-2014
Physical	Ambient Air	Determination of Relative Humidity	AS/NZS 3580.14-2014
		Determination of temperature	AS/NZS 3580.14-2014

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Food Testing

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Issue no.: 03

Date: 13-08-2024

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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 6579:1-2017 : AMD 1 : 2020
		Enumeration of Enterobacteriaceae	ISO 21528:2-2017
		Detection of Listeria monocytogens	USFDA BAM : Chapter 10
		Total Bacterial Count	USFDA BAM : Chapter 3

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Issue no.: 03

Date: 13-08-2024

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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 Listeria spp	Neogen Reveal Listeria 2.0
Microbiology	Sea Food	Enumeration of Vibrio parahemolyticus	USFDA BAM : Chapter 9
	Raw Meat (ground or diced), Salad products, Sprouted Seeds, Raw Vegetables and Cooked Meats	Detection of Presumptive Escherichia coli O157	AOAC 2000.14 Neogen Reveal Ecoli O157

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Type of Activity	Test Materials/Products	Test Name	Test Method
Microbiology	Food (Ready to Eat Meals / Rice, Dairy Products, Salad / Vegetables and Spices)	Enumeration of Bacillus cereus	USFDA BAM : Chapter 14
Microbiology	Swabs from: Food contact surface swab, Utensils and Hands	Aerobic Plate Count	BAM Chapter 3
		Enumeration of E. coli	CMMEF 9.91 5th Edition
		Enumeration of Enterobacteriaceae	ISO 21528-2:2017
		Enumeration of Staphylococcus aureus	CMMEF Chapter 39 5th Edition
Sampling	Food contact surface swab, Utensils and Hand Swabs	Swab Sampling Procedure	CMMEF Chapter 2 and 3 5th Edition CHM-SOP-406-00



مركز الإمارات العالمي للاعتماد
Emirates International Accreditation Centre

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Type of Activity	Test Materials/Products	Test Name	Test Method
Sampling	Food	Food Sampling	USFDA BAM : Chapter 1 CHM-SOP-350-00