



# ACCREDITATION CERTIFICATE

**LB-TEST-001**

**Emirates International Accreditation Centre**

has accredited

**AL HOTY STANGER LABORATORY L.L.C**

Building 21 | Al Quoz Ind Area 3 | Street 8

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: 13/05/2023 to 12/05/2026

Initial Accreditation Date: 13/05/2002



for/CHIEF EXECUTIVE OFFICER  
APPROVAL



**Accreditation Scope**  
**Environmental Testing**

**LB-TEST-001**

**Al Hoty Stanger Laboratory L.L.C**

**Building 21 | Al Quoz Ind Area 3 | Street 8**

**Dubai | United Arab Emirates**

**Issue no.: 11**

**Date: 13-05-2023**

**Valid to: 12-05-2026**

Type of Activity	Test Materials/Products	Test Name	Test Method
Chemical	Water/ Waste Water	PH	APHA 4500 H <sup>+</sup> B
Chemical	Water/ Waste Water	Total Suspended Solids	APHA 2540 D
Chemical	Water/ Waste Water	Total Dissolved Solids	APHA 2540 C
Chemical	Water/ Waste Water	Oil and Grease	APHA 5520 B
Chemical	Water/ Waste Water	Biological Oxygen Demand-5 days	APHA 5210 B
Chemical	Water/ Waste Water	Chemical Oxygen Demand	APHA 5220 B
Chemical	Water/ Waste Water	Metals-Cu, Cd, Pb, Zn, Ni, Cr, Fe, Mn ,Ag, Co	APHA 3030 F, and APHA 3111 B
Chemical	Water/ Waste Water	Ammonia/ Ammonia Nitrogen	HACH 8038
Chemical	Water/ Waste Water	Turbidity	APHA 2130-B, 23 <sup>rd</sup> Edition

## Accreditation Scope

### Environmental Testing

#### LB-TEST-001

**Al Hoty Stanger Laboratory L.L.C**

**Building 21 | Al Quoz Ind Area 3 | Street 8**

**Dubai | United Arab Emirates**

Issue no.: 11

Date: 13-05-2023

Valid to: 12-05-2026

Type of Activity	Test Materials/Products	Test Name	Test Method
Chemical	Water/ Waste Water	Aluminium	APHA 3120-B, 23 <sup>rd</sup> Edition
Chemical	Water/ Waste Water	Barium	APHA 3120-B, 23 <sup>rd</sup> Edition
Chemical	Water/ Waste Water	Berilyum	APHA 3120-B, 23 <sup>rd</sup> Edition
Chemical	Water/ Waste Water	Boron	APHA 3120-B, 23 <sup>rd</sup> Edition
Chemical	Water/ Waste Water	Sulphide	HACH 8131
Chemical	Water/ Waste Water	Molybdenum (Mo)	APHA 3120B
Chemical	Water/ Waste Water	Total Heavy Metals	APHA 3120B/ Calculation
Chemical	Water/ Waste Water	Total Hardness (LOQ= 1.0 mg/L)	APHA 2340 B

## Accreditation Scope

### Environmental Testing

#### LB-TEST-001

## Al Hoty Stanger Laboratory L.L.C

Building 21 | Al Quoz Ind Area 3 | Street 8

Dubai | United Arab Emirates

Issue no.: 11

Date: 13-05-2023

Valid to: 12-05-2026

Type of Activity	Test Materials/Products	Test Name	Test Method
Chemical	Water/ Waste Water	Total Kjeldahl Nitrogen (TKN) (LOQ= 0.5 mg/L)	APHA 4500-Norg B.
Chemical	Water/ Waste Water	Phosphorous / Phosphate (LOQ= 0.01 mg/L)	APHA 3120 B/Calculation
Chemical	Water/ Waste Water	Phosphorous / Phosphate (LOQ= 0.02 / 0.06 mg/L)	HACH 8048
Chemical	Water/ Waste Water	Phosphorous / Phosphate (LOQ= 0.30 / 0.90 mg/L)	HACH 8114
Chemical	Water/ Waste Water	Silica (SiO <sub>2</sub> ) (LOQ= 0.01 mg/L)	APHA 3120 B/Calculation
Chemical	Water/ Waste Water	Silica (SiO <sub>2</sub> ) (LOQ= 0.01 / 1.0 mg/L)	HACH 8186 / HACH 8185
Chemical	Water/ Waste Water	Calcium Hardness (LOQ= 1.0 mg/L)	APHA 3500 Ca B / APHA 2340 B

**Accreditation Scope**  
**Environmental Testing**

**LB-TEST-001**

**Al Hoty Stanger Laboratory L.L.C**

**Building 21 | Al Quoz Ind Area 3 | Street 8**

**Dubai | United Arab Emirates**

**Issue no.: 11**

**Date: 13-05-2023**

**Valid to: 12-05-2026**

Type of Activity	Test Materials/Products	Test Name	Test Method
Chemical	Water	pH	APHA 4500 H <sup>+</sup> B 23 <sup>rd</sup> Edition
Chemical	Water	Electrical Conductivity at 25 °C	APHA 2510 B 23 <sup>rd</sup> Edition
Chemical	Water	Chloride	APHA 4500 Cl <sup>-</sup> B 23 <sup>rd</sup> Edition
Chemical	Water	Sulphate	APHA 4500- SO <sub>4</sub> <sup>2-</sup> C 23 <sup>rd</sup> Edition, and HACH 8051
Chemical	Water	Nitrate-N	HACH 8171 Adapted method of APHA 4500 NO <sub>3</sub> - E
Chemical	Water	Flouride	HACH 8029
Chemical	Water	Free Chlorine	HACH method 8021

**Accreditation Scope**  
**Environmental Testing**

**LB-TEST-001**

**Al Hoty Stanger Laboratory L.L.C**

**Building 21 | Al Quoz Ind Area 3 | Street 8**

**Dubai | United Arab Emirates**

**Issue no.: 11**

**Date: 13-05-2023**

**Valid to: 12-05-2026**

Type of Activity	Test Materials/Products	Test Name	Test Method
Chemical	Water	Bicarbonate	APHA 2320 B 23 <sup>rd</sup> Edition
Chemical	Water	Calcium	APHA 3120 B, and APHA 3500-Ca B 23 <sup>rd</sup> Edition
Chemical	Water	Magnesium	APHA 3120 B/ APHA 3500-Mg B, and 23 <sup>rd</sup> Edition
Chemical	Water	Total Hardness as $\text{CaCO}_3$	APHA 2340 C 23 <sup>rd</sup> Edition
Chemical	Water	Total Alkalinity	APHA 2320 B 23 <sup>rd</sup> Edition
Chemical	Water	Sodium	APHA 3120 B
Chemical	Water	Potassium	APHA 3120 B
Chemical	Water	Iron	APHA 3120 B

**Accreditation Scope**  
**Environmental Testing**

**LB-TEST-001**

**Al Hoty Stanger Laboratory L.L.C**

**Building 21 | Al Quoz Ind Area 3 | Street 8**

**Dubai | United Arab Emirates**

**Issue no.: 11**

**Date: 13-05-2023**

**Valid to: 12-05-2026**

Type of Activity	Test Materials/Products	Test Name	Test Method
Chemical	Water	Copper	APHA 3120 B
Chemical	Water	Manganese	APHA 3120 B
Chemical	Water	Cadmium	APHA 3120 B
Chemical	Water	Zinc	APHA 3120 B
Chemical	Water	Nickel	APHA 3120 B
Chemical	Water	Lead	APHA 3120 B
Chemical	Water	Chromium	APHA 3120 B
Chemical	Water	Silver	APHA 3120 B
Chemical	Water	Cobalt	APHA 3120 B
Chemical	Water	Arsenic	APHA 3120 B
Chemical	Water	Mercury	APHA 3120 B

**Accreditation Scope**  
**Environmental Testing**

**LB-TEST-001**

**Al Hoty Stanger Laboratory L.L.C**

**Building 21 | Al Quoz Ind Area 3 | Street 8**

**Dubai | United Arab Emirates**

**Issue no.: 11**

**Date: 13-05-2023**

**Valid to: 12-05-2026**

Type of Activity	Test Materials/Products	Test Name	Test Method
Chemical	Water	Selenium	APHA 3120 B
Chemical	Water	Nitrite	HACH 8507
Chemical	Water	Chlorine dioxide	HACH 10126
Chemical	Water	Cyanuric Acid	HACH 8139
Chemical	Water	Tin (Sn) (LOQ= 0.01mg/L)	APHA 3120 B
Chemical	Water	Vanadium (V) (LOQ= 0.01mg/L)	APHA 3120 B
Chemical	Water	Sodium (Na) (LOQ= 0.1mg/L)	APHA 3120 B
Chemical	Water	Potassium (K) (LOQ= 0.1mg/L)	APHA 3120 B
Chemical	Water	Calcium (Ca) (LOQ= 0.1mg/L)	APHA 3120 B
Chemical	Water	Magnesium (Mg) (LOQ= 0.1mg/L)	APHA 3120 B



## Accreditation Scope

### Environmental Testing

#### LB-TEST-001

**Al Hoty Stanger Laboratory L.L.C**

**Building 21 | Al Quoz Ind Area 3 | Street 8**

**Dubai | United Arab Emirates**

Issue no.: 11

Date: 13-05-2023

Valid to: 12-05-2026

Type of Activity	Test Materials/Products	Test Name	Test Method
Chemical	Soils and Waste	pH at 25 °C	US EPA SW846, 9045 D
Chemical	Solid, Semisolid samples	Total, Fixed and Volatile solids in Solid and Semisolid samples	APHA 2540 G 23 <sup>rd</sup> Edition
Chemical	Solid, Semisolid samples	Moisture content	Calculation
Chemical	Sludge Samples	Oil and Grease	APHA 5520 E 23 <sup>rd</sup> Edition
Chemical	Waste materials	Water content	SOP # 29
Chemical	Waste materials	Flash point (Qualitative Analysis (Flammable/ non-Flammable))	SOP # 30
Chemical	Sediment, Soil, sludge and wastewater	Metals: Cd, Cr, Cu, Co, Pb, Ni, Zn, As, Mn, Fe, Ag, AS, Se and Hg	EPA 3050 B, and APHA- AWWA 3120 B
Chemical	Sludge/Sediment/ Contaminated material	Tin	EPA 3050-B

## Accreditation Scope

### Environmental Testing

#### LB-TEST-001

## Al Hoty Stanger Laboratory L.L.C

Building 21 | Al Quoz Ind Area 3 | Street 8

Dubai | United Arab Emirates

Issue no.: 11

Date: 13-05-2023

Valid to: 12-05-2026

Type of Activity	Test Materials/Products	Test Name	Test Method
Chemical	Waste water	Sulphate	APHA 4500 SO <sub>4</sub> <sup>2-</sup> C, 23 <sup>rd</sup> Edition
Chemical	Waste Water	Free Oil and Grease	IHTP # 28
Chemical	Waste Water	Tin (Sn) (LOQ= 0.01 mg/L)	APHA 3120B/ APHA 3030F
Chemical	Waste Water	Vanadium (V) (LOQ= 0.01 mg/L)	APHA 3120B/ APHA 3030F
Chemical	Waste Water	Sodium (Na) (LOQ= 0.1 mg/L)	APHA 3120B/ APHA 3030F
Chemical	Waste Water	Potassium (K) (LOQ= 0.1 mg/L)	APHA 3120B/ APHA 3030F
Chemical	Waste Water	Calcium (Ca) (LOQ= 0.1 mg/L)	APHA 3120B/ APHA 3030F
Chemical	Waste Water	Magnesium (Mg) (LOQ= 0.1 mg/L)	APHA 3120B/ APHA 3030F

**Accreditation Scope**  
**Environmental Testing**

**LB-TEST-001**

**Al Hoty Stanger Laboratory L.L.C**

**Building 21 | Al Quoz Ind Area 3 | Street 8**

**Dubai | United Arab Emirates**

**Issue no.: 11**

**Date: 13-05-2023**

**Valid to: 12-05-2026**

Type of Activity	Test Materials/Products	Test Name	Test Method
Microbiology	Potable Water, Pool Water, Ice, Water feature, Bottled Water, Raw water, Sea water, Fire water	Heterotrophic Plate Count	APHA 9215B 23rd Edition, and CMMEF 60.42
Microbiology	Potable Water, Pool Water, Ice, Water feature, Bottled Water, Raw water, Sea water, Fire water	Enumeration of Total Coliforms	APHA 9222B 23rd Edition
Microbiology	Potable Water, Pool Water, Ice, Water feature, Bottled Water, Raw water, Sea water, Fire water	Enumeration of Faecal Coliforms	APHA 9221 E.1 23 <sup>rd</sup> Edition

**Accreditation Scope**  
**Environmental Testing**

**LB-TEST-001**

**Al Hoty Stanger Laboratory L.L.C**

**Building 21 | Al Quoz Ind Area 3 | Street 8**

**Dubai | United Arab Emirates**

Issue no.: 11

Date: 13-05-2023

Valid to: 12-05-2026

Type of Activity	Test Materials/Products	Test Name	Test Method
Microbiology	Potable Water, Pool Water, Ice, Water feature, Bottled Water, Raw water, Sea water, Fire water	Enumeration of E.coli	APHA 9222B 23rd Edition
Microbiology	Potable Water, Pool Water, Ice, Water feature, Bottled Water, Raw water, Sea water, Fire water	Enumeration of Pseudomonas aeruginosa	BS EN ISO 16266
Microbiology	Potable Water, Pool Water, Ice, Water feature, Bottled Water, Raw water, Sea water, Fire water	Enumeration of Fecal streptococci (Enterococci)	APHA 9230C 23rd Edition
Microbiology	Waste Water	Enumeration of Total Coliforms	APHA 9221B 23rd Edition

## Accreditation Scope

### Environmental Testing

#### LB-TEST-001

**Al Hoty Stanger Laboratory L.L.C**

**Building 21 | Al Quoz Ind Area 3 | Street 8**

**Dubai | United Arab Emirates**

Issue no.: 11

Date: 13-05-2023

Valid to: 12-05-2026

Type of Activity	Test Materials/Products	Test Name	Test Method
Microbiology	Waste Water	Enumeration of Faecal Coliforms	APHA 9221E 23rd Edition
Microbiology	Waste Water	Enumeration of E.coli	APHA 9221F 23rd Edition
Microbiology	Domestic, Potable Water, Recreational Water	Detection and Enumeration of Legionella spp.	ISO 11731 Matrix A Procedure 5, 6, 7 Matrix B Procedure 8, 9, 10
Microbiology	Domestic, Potable Water, Recreational Water	Enumeration of Total Coliforms and E.coli	IDEXX Colilert APHA 9223 B
Microbiology	Domestic, Potable Water, Recreational Water	Enumeration of Faecal Coliforms	IDEXX Colilert APHA 9223 B
Microbiology	Water and Ice	Enumeration of Clostridium perfringens including spores	ISO 14189

## Accreditation Scope

### Environmental Testing

#### LB-TEST-001

**Al Hoty Stanger Laboratory L.L.C**

**Building 21 | Al Quoz Ind Area 3 | Street 8**

**Dubai | United Arab Emirates**

Issue no.: 11

Date: 13-05-2023

Valid to: 12-05-2026

Type of Activity	Test Materials/Products	Test Name	Test Method
Microbiology	Water/ Waste Water/ Ice	Aerobic Colony Count	ISO 6222
Microbiology Sampling	Sampling	Sampling for Legionella bacteria in water systems Section 2. Routine Sampling	BS 7592
Microbiology Sampling	Sampling	Sampling of water	APHA 9060A 23 <sup>rd</sup> Edition
Microbiology Sampling	Sampling	Sampling of Ice	APHA 9060A 23 <sup>rd</sup> Edition
Microbiology Sampling	Sampling	Sampling of Swimming Pool	APHA 9060A 23 <sup>rd</sup> Edition

**Accreditation Scope**  
**Environmental Testing**

**LB-TEST-001**

**Al Hoty Stanger Laboratory L.L.C**

**Building 21 | Al Quoz Ind Area 3 | Street 8**

**Dubai | United Arab Emirates**

**Issue no.: 11**

**Date: 13-05-2023**

**Valid to: 12-05-2026**

Type of Activity	Test Materials/Products	Test Name	Test Method
Sampling	Waste water	Method for Sampling	SOP#CHEM-009 based on SMEWW/APHA 23rd Edition, Dubai Municipality DMS11,2001

Accreditation History		
Issue no.	Details	Date
11	Renewal of the accreditation and extension in scope	13-05-2023
10	Extension in scope (Add: Chemical -Water/wastewater-Molybdenum (Mo), Total Heavy Metals/ Microbiology: Aerobic Colony Count)	10-08-2022
09	Reduction in scope (remove CCFRA manual reference for microbiology and chemistry testing)	16-02-2022
08	Voluntary reduction in scope (remove Microbiology tests for Enumeration of Faecal Streptococcus & Enumeration of Pseudomonas aeruginosa) and revise the laboratory's name as per its license	03-11-2020
07	Renewal accreditation, extension in scope and first issuance under the name of EIAC (which was formerly known as DAC)	06-10-2020

**Accreditation Scope**  
**Air Quality Monitoring Testing**  
**LB-TEST-001**

**Al Hoty Stanger Laboratory L.L.C**

**Building 21 | Al Quoz Ind Area 3 | Street 8**

**Dubai | United Arab Emirates**

Issue no.: 07

Date: 13-05-2023

Valid to: 12-05-2026

Type of Activity	Test Materials/Products	Test Name	Test Method
Chemistry	Indoor Air Quality	Workplace atmospheres. Size fraction definitions for measurement of airborne particles Total Suspended Particulate Matter (TSPM) Respirable Suspended Particulate Matter (RSPM-PM10,2.5 & 1)	AHSL SOP AQ 003 in combination with BS EN 481
Chemistry	Indoor Air Quality	Nitrogen Dioxide (NO2)	SOP AQ-002 in combination with BS EN 60079-29-2
Chemistry	Indoor Air Quality	Sulphur Dioxide (SO2)	SOP AQ-002 in combination with BS EN 60079-29-2



**Accreditation Scope**  
**Air Quality Monitoring Testing**  
**LB-TEST-001**

**Al Hoty Stanger Laboratory L.L.C**

**Building 21 | Al Quoz Ind Area 3 | Street 8**

**Dubai | United Arab Emirates**

Issue no.: 07

Date: 13-05-2023

Valid to: 12-05-2026

Type of Activity	Test Materials/Products	Test Name	Test Method
Chemistry	Indoor Air Quality	Volatile Organic Compound (VOC)	SOP AQ-002 in combination with BS EN 60079-29-2
Chemistry	Indoor Air Quality	Formaldehyde (HCOH)	SOP AQ-002 in combination with BS EN 60079-29-2
Chemistry	Indoor Air Quality	Methane (CH <sub>4</sub> )	SOP AQ-002 in combination with BS EN 60079-29-2
Chemistry	Indoor Air Quality	Carbon monoxide (CO)	SOP AQ-002 in combination with BS EN 60079-29-2
Chemistry	Indoor Air Quality	Carbon Dioxide (CO <sub>2</sub> )	SOP AQ-002 in combination with BS EN 60079-29-2
Chemistry	Indoor Air Quality	Hydrogen Sulphide (H <sub>2</sub> S)	SOP AQ-002 in combination with BS EN 60079-29-2

**Accreditation Scope**  
**Air Quality Monitoring Testing**  
**LB-TEST-001**

**Al Hoty Stanger Laboratory L.L.C**

**Building 21 | Al Quoz Ind Area 3 | Street 8**

**Dubai | United Arab Emirates**

Issue no.: 07

Date: 13-05-2023

Valid to: 12-05-2026

Type of Activity	Test Materials/Products	Test Name	Test Method
Chemistry	Indoor Air Quality	Personal dust exposure	MDHS14/3, NIOSH 0600 & 0500
Chemistry	Indoor Air Quality	Oxygen (O <sub>2</sub> )	SOP AQ-002 in combination with BS EN 60079-29-2
Chemistry	Indoor Air Quality	Temperature	SOP AQ-002 in combination with BS EN 60079-29-2
Chemistry	Indoor Air Quality	Relative Humidity	SOP AQ-002 in combination with BS EN 60079-29-2
Chemistry	Indoor Air Quality	Ozone (O <sub>3</sub> )	SOP AQ-002 in combination with BS EN 60079-29-2
Chemistry	Indoor Air Quality	Ammonia (NH <sub>3</sub> )	SOP AQ-002 in combination with BS EN 60079-29-2

**Accreditation Scope**  
**Air Quality Monitoring Testing**  
**LB-TEST-001**

**Al Hoty Stanger Laboratory L.L.C**

**Building 21 | Al Quoz Ind Area 3 | Street 8**

**Dubai | United Arab Emirates**

Issue no.: 07

Date: 13-05-2023

Valid to: 12-05-2026

Type of Activity	Test Materials/Products	Test Name	Test Method
Chemistry	Flue Gas Emission	Carbon monoxide (CO)	AHSL SOP SET 001 in combination with US EPA CTM 034
Chemistry	Flue Gas Emission	Oxides of Nitrogen (NO <sub>x</sub> )	AHSL SOP SET 001 in combination with US EPA CTM 034
Chemistry	Flue Gas Emission	Oxygen (O <sub>2</sub> )	AHSL SOP SET 001 in combination with USEPA CTM 034
Chemistry	Flue Gas Emission	Carbon Dioxide (CO <sub>2</sub> )	AHSL SOP SET 001 (Testo-Calculated)
Chemistry	Flue Gas Emission	Sulphur Dioxide (SO <sub>2</sub> )	AHSL SOP SET 001 (Testo-Electrochemical sensors)
Chemistry	Stack Emission	Total Suspended Particles (TSP)	US-EPA EMC Method 17
Chemistry	Stack Emission	Carbon Dioxide (CO <sub>2</sub> )	AHSL SOP SET 001 (Testo-Calculated)

**Accreditation Scope**  
**Air Quality Monitoring Testing**  
**LB-TEST-001**

**Al Hoty Stanger Laboratory L.L.C**

**Building 21 | Al Quoz Ind Area 3 | Street 8**

**Dubai | United Arab Emirates**

Issue no.: 07

Date: 13-05-2023

Valid to: 12-05-2026

Type of Activity	Test Materials/Products	Test Name	Test Method
Chemistry	Stack Emission	Carbon monoxide (CO)	AHSL SOP SET 001 in combination with USEPA CTM 034
Chemistry	Stack Emission	Oxides of Nitrogen (NO <sub>x</sub> )	AHSL SOP SET 001 in combination with USEPA CTM 034
Chemistry	Stack Emission	Oxygen (O <sub>2</sub> )	AHSL SOP SET 001 in combination with USEPA CTM 034
Chemistry	Stack Emission	Sulphur Dioxide (SO <sub>2</sub> )	AHSL SOP SET 001 (Testo-Electrochemical sensors)
Chemistry	Stack Emission	Moisture content	USEPA EMC Method 4
Chemistry	Outdoor Air Quality	Sulphur Dioxide (SO <sub>2</sub> )	SOP AQ-002 in combination with BS EN 60079-29-2

**Accreditation Scope**  
**Air Quality Monitoring Testing**  
**LB-TEST-001**

**Al Hoty Stanger Laboratory L.L.C**

**Building 21 | Al Quoz Ind Area 3 | Street 8**

**Dubai | United Arab Emirates**

Issue no.: 07

Date: 13-05-2023

Valid to: 12-05-2026

Type of Activity	Test Materials/Products	Test Name	Test Method
Chemistry	Outdoor Air Quality	Nitrogen Dioxide (NO <sub>2</sub> )	SOP AQ-002 in combination with BS EN 60079-29-2
Chemistry	Outdoor Air Quality	Volatile Organic Compound (VOCs)	SOP AQ-002 in combination with BS EN 60079-29-2
Chemistry	Outdoor Air Quality	Ozone (O <sub>3</sub> )	SOP AQ-002 in combination with BS EN 60079-29-2
Chemistry	Outdoor Air Quality	Ammonia (NH <sub>3</sub> )	SOP AQ-002 in combination with BS EN 60079-29-2
Chemistry	Outdoor Air Quality	Carbon monoxide (CO)	SOP AQ-002 in combination with BS EN 60079-29-2
Chemistry	Outdoor Air Quality	Carbon Dioxide (CO <sub>2</sub> )	SOP AQ-002 in combination with BS EN 60079-29-2

**Accreditation Scope**  
**Air Quality Monitoring Testing**  
**LB-TEST-001**

**Al Hoty Stanger Laboratory L.L.C**

**Building 21 | Al Quoz Ind Area 3 | Street 8**

**Dubai | United Arab Emirates**

Issue no.: 07

Date: 13-05-2023

Valid to: 12-05-2026

Type of Activity	Test Materials/Products	Test Name	Test Method
Chemistry	Outdoor Air Quality	Hydrogen Sulphide (H <sub>2</sub> S)	SOP AQ-002 in combination with BS EN 60079-29-2
Physical	Indoor Air Quality / Ambient Atmosphere	Clean rooms and associated controlled environments Part 1: Classification of air cleanliness by particle concentration Reparable Suspended Particulate Matter RSPM (PM 0.3, 0.5, 1.0, 2.5, 5, 10)	ISO 14644-1
Physical	Outdoor Air Quality	Total Suspended Particulate Matter (TSPM)	AHSL SOP AQ 001 in combination with USPEA-eCFR.: Title 40: Part 50 and 53

**Accreditation Scope**  
**Air Quality Monitoring Testing**  
**LB-TEST-001**

**Al Hoty Stanger Laboratory L.L.C**

**Building 21 | Al Quoz Ind Area 3 | Street 8**

**Dubai | United Arab Emirates**

Issue no.: 07

Date: 13-05-2023

Valid to: 12-05-2026

Type of Activity	Test Materials/Products	Test Name	Test Method
Physical	Outdoor Air Quality	Respirable Suspended Matter RSPM (10,2.5,1)	AHSL SOP AQ 001 in combination with USPEA-eCFR.: Title 40: Part 50 and 53 & BS EN 60079-29-2
Physical	Noise	Acoustics - Description, measurement and assessment of environmental noise Part 2: Determination of environmental noise levels	ISO 1996-2
Physical	Noise	Acoustics -Determination of occupational noise exposure - Engineering method	ISO 9612
Microbiology	Air	Total Bacterial Count	ISO 14698-1
Microbiology	Air	Detection and Enumeration of Yeast & Mold	ISO 14698-1

**Accreditation Scope**  
**Air Quality Monitoring Testing**  
**LB-TEST-001**

**Al Hoty Stanger Laboratory L.L.C**

**Building 21 | Al Quoz Ind Area 3 | Street 8**

**Dubai | United Arab Emirates**

Issue no.: 07

Date: 13-05-2023

Valid to: 12-05-2026

Type of Activity	Test Materials/Products	Test Name	Test Method
Sampling	Air	Sampling of Air Samples	ISO 14698-1

Accreditation History		
Issue no.	Details	Date
07	Renewal of the accreditation and Voluntary reduction in scope (remove Ethylene (C <sub>2</sub> H <sub>4</sub> ) test)	13-05-2023
06	Extension is scope (Add: Microbiology- Air: Total Bacterial Count, Detection and Enumeration of Yeast & Mold/ Sampling-Sampling of Air Samples)	10-08-2022
05	Reduction in scope (remove CCFRA manual reference for microbiology and chemistry testing)	16-02-2022
04	Revise the laboratory's name as per its license	03-11-2020
03	Renewal accreditation and first issuance under the name of Eiac (which was formerly known as DAC)	06-10-2020



## Accreditation Scope

### Construction Materials Testing

#### LB-TEST-001

**Al Hoty Stanger Laboratory L.L.C**

**Building 21 | Al Quoz Ind Area 3 | Street 8**

**Dubai | United Arab Emirates**

Issue no.: 09

Date: 13-05-2023

Valid to: 12-05-2026

Type of Activity	Test Materials/Products	Test Name	Test Method
Mechanical / Physical	Aggregate	Testing aggregates Part 110: Methods for determination of Aggregate crushing value (ACV)	BS 812 Part 110
Mechanical / Physical	Aggregate	Testing aggregates Part 105: Methods for determination of particle shape section 105.1: Flakiness index	BS 812 Part 105 Section 105.1
Mechanical / Physical	Aggregate	Testing aggregates Part 105: Methods for determination of particle shape section 105.2: Elongation index of coarse aggregate	BS 812 Part 105 Section 105.2

**Accreditation Scope**  
**Construction Materials Testing**

**LB-TEST-001**

**Al Hoty Stanger Laboratory L.L.C**

**Building 21 | Al Quoz Ind Area 3 | Street 8**

**Dubai | United Arab Emirates**

Issue no.: 09

Date: 13-05-2023

Valid to: 12-05-2026

Type of Activity	Test Materials/Products	Test Name	Test Method
Mechanical / Physical	Aggregate	Testing of aggregates Part 2: Methods for determination of density (Determination of particle densities and water absorption)	BS 812 Part 2, Test 5.3, 5.4, & 5.5
Mechanical / Physical	Aggregate	Standard Test Method for Clay Lumps and Friable Particles in Aggregates	ASTM C142
Mechanical / Physical	Aggregate	Testing aggregates Part 112: Method for determination of Aggregate Impact Value (AIV)	BS 812 Part 112

## Accreditation Scope

### Construction Materials Testing

#### LB-TEST-001

**Al Hoty Stanger Laboratory L.L.C**

**Building 21 | Al Quoz Ind Area 3 | Street 8**

**Dubai | United Arab Emirates**

Issue no.: 09

Date: 13-05-2023

Valid to: 12-05-2026

Type of Activity	Test Materials/Products	Test Name	Test Method
Mechanical / Physical	Aggregate	Testing aggregates Part 103: Method of determination of particle size distribution Sieve test(wet & dry sieving)	BS 812 Part 103, Section 103.1 Clause 7.2 & 7.3
Mechanical / Physical	Aggregate	Testing aggregates Part 106: Method for determination of shell content in coarse aggregate	BS 812 Part 106
Mechanical / Physical	Aggregate	Testing aggregates Part 111: Method for Determination of Ten Per Cent Fines Value (TFV) (dry and soaked)	BS 812 Part 111 Test 7.1 & 7.2

**Accreditation Scope**  
**Construction Materials Testing**  
**LB-TEST-001**

**Al Hoty Stanger Laboratory L.L.C**

**Building 21 | Al Quoz Ind Area 3 | Street 8**

**Dubai | United Arab Emirates**

Issue no.: 09

Date: 13-05-2023

Valid to: 12-05-2026

Type of Activity	Test Materials/Products	Test Name	Test Method
Mechanical / Physical	Aggregate	Standard Test Method for Materials Finer than 75µm (No. 200) Sieve in Mineral Aggregates by Washing	ASTM C117
Mechanical / Physical	Aggregate	Standard test method for Resistance to degradation of small - size coarse aggregate by abrasion and impact in the Los Angeles machine	ASTM C131
Mechanical / Physical	Aggregate	Standard test Method for Sieve Analysis of Fine and Coarse Aggregates	ASTM C136

**Accreditation Scope**  
**Construction Materials Testing**  
**LB-TEST-001**

**Al Hoty Stanger Laboratory L.L.C**

**Building 21 | Al Quoz Ind Area 3 | Street 8**

**Dubai | United Arab Emirates**

Issue no.: 09

Date: 13-05-2023

Valid to: 12-05-2026

Type of Activity	Test Materials/Products	Test Name	Test Method
Mechanical / Physical	Aggregate	Standard Test Method for Soundness of Aggregates by use of Sodium Sulphate or Magnesium Sulfate	ASTM C88
Mechanical / Physical	Aggregate	Standard test method for Density, Relative Density (Specific Gravity), and Absorption of Fine Aggregate	ASTM C128
Mechanical / Physical	Aggregate	Standard test method for Density, Relative Density (Specific Gravity), and Absorption of Coarse Aggregate	ASTM C127

## Accreditation Scope

### Construction Materials Testing

#### LB-TEST-001

**Al Hoty Stanger Laboratory L.L.C**

**Building 21 | Al Quoz Ind Area 3 | Street 8**

**Dubai | United Arab Emirates**

Issue no.: 09

Date: 13-05-2023

Valid to: 12-05-2026

Type of Activity	Test Materials/Products	Test Name	Test Method
Mechanical / Physical	Concrete	Testing concrete Part 116: Method for determination of compressive strength of concrete cubes	BS 1881 Part 116
Mechanical / Physical	Concrete	Testing of concrete Part 208: Recommendations for the determination of the initial surface absorption of concrete	BS 1881 Part 208
Mechanical / Physical	Concrete	Testing concrete Part 112: Determination of water absorption on hardened concrete	BS 1881 Part 122

## Accreditation Scope

### Construction Materials Testing

#### LB-TEST-001

**Al Hoty Stanger Laboratory L.L.C**

**Building 21 | Al Quoz Ind Area 3 | Street 8**

**Dubai | United Arab Emirates**

Issue no.: 09

Date: 13-05-2023

Valid to: 12-05-2026

Type of Activity	Test Materials/Products	Test Name	Test Method
Mechanical / Physical	Concrete	Determination of water permeability	DIN 1048 Part 5
Mechanical / Physical	Concrete	Testing concrete Part 111: Method of normal curing of test specimens (20°C method)	BS 1881 Part 111
Mechanical / Physical	Concrete	Testing concrete Part 114: Methods for determination of density of hardened concrete	BS 1881 Part 114
Mechanical / Physical	Steel	Carbon Steel Bar for the reinforcement of concrete (Steel Bend test)	BS 4449 Appendix C, Clause C.1.6.1
Mechanical / Physical	Steel	Carbon Steel Bar for the reinforcement of concrete (Steel Tensile strength test)	BS 4449 Annex E, Clause E.1.4, and BS EN 10002-1

## Accreditation Scope

### Construction Materials Testing

#### LB-TEST-001

**Al Hoty Stanger Laboratory L.L.C**

**Building 21 | Al Quoz Ind Area 3 | Street 8**

**Dubai | United Arab Emirates**

Issue no.: 09

Date: 13-05-2023

Valid to: 12-05-2026

Type of Activity	Test Materials/Products	Test Name	Test Method
Mechanical / Physical	Steel	Carbon Steel Bar for the reinforcement of concrete (Steel Rebend test)	BS 4449 Annex E Clause E.1.6
Mechanical / Physical	Steel	Steel for the reinforcement and pre-stressing of concrete. Test methods. Reinforcing bars, wire rod and wire (Tensile properties)	BS 4449 Clause 7.2.3, and BS EN 15630 - 1 Clause 5



## Accreditation Scope

### Construction Materials Testing

#### LB-TEST-001

**Al Hoty Stanger Laboratory L.L.C**

**Building 21 | Al Quoz Ind Area 3 | Street 8**

**Dubai | United Arab Emirates**

Issue no.: 09

Date: 13-05-2023

Valid to: 12-05-2026

Type of Activity	Test Materials/Products	Test Name	Test Method
Mechanical / Physical	Steel	Steel for the reinforcement and pre-stressing of concrete. Test methods. Reinforcing bars, wire rod and wire (Bend Performance) Steel for the reinforcement and prestressing of concrete test methods Part 1: Reinforcing bars, wire rod and wire (Bend test)	BS 4449 Clause 7.2.5 + A2, and BS EN 15630-1 Clause 6

**Accreditation Scope**  
**Construction Materials Testing**

**LB-TEST-001**

**Al Hoty Stanger Laboratory L.L.C**

**Building 21 | Al Quoz Ind Area 3 | Street 8**

**Dubai | United Arab Emirates**

Issue no.: 09

Date: 13-05-2023

Valid to: 12-05-2026

Type of Activity	Test Materials/Products	Test Name	Test Method
Mechanical / Physical	Soil	Methods of test for soils for civil engineering purposes Part 4: Compaction-related tests (Determination of California bearing ratio)	BS 1377 Part 4 Clause 7.2.3
Mechanical / Physical	Soil	Methods of test for soils for civil engineering purposes Part 9: In-situ tests (Sand replacement method suitable for fine, medium and coarse grained soils (large and small pouring cylinder method)	BS 1377 Part 9 Clause 2.1 & 2.2

## Accreditation Scope

### Construction Materials Testing

#### LB-TEST-001

**Al Hoty Stanger Laboratory L.L.C**

**Building 21 | Al Quoz Ind Area 3 | Street 8**

**Dubai | United Arab Emirates**

Issue no.: 09

Date: 13-05-2023

Valid to: 12-05-2026

Type of Activity	Test Materials/Products	Test Name	Test Method
Mechanical / Physical	Soil	Methods of test for soils for civil engineering purposes Part 4: Compaction-related tests (Determination of dry density / moisture content relationship)	BS 1377 Part 4 Clause 3.5 and 3.6
Mechanical / Physical	Soil	Methods of tesst for soils for civil engineering purposes Part 2: Classification tests (Determination of liquid limit)	BS 1377 Part 2 Clause 4.3

## Accreditation Scope

### Construction Materials Testing

#### LB-TEST-001

**Al Hoty Stanger Laboratory L.L.C**

**Building 21 | Al Quoz Ind Area 3 | Street 8**

**Dubai | United Arab Emirates**

Issue no.: 09

Date: 13-05-2023

Valid to: 12-05-2026

Type of Activity	Test Materials/Products	Test Name	Test Method
Mechanical / Physical	Soil	Methods of test for soils for civil engineering purposes Part 2: Classification, tests (Determination of plastic limit and plasticity index)	BS 1377 Part 2 Clause 5.3 & 5.4
Mechanical / Physical	Soil	Standard Test Method for Sand equivalent value of soils and fine aggregate	ASTM D2419

## Accreditation Scope

### Construction Materials Testing

#### LB-TEST-001

**Al Hoty Stanger Laboratory L.L.C**

**Building 21 | Al Quoz Ind Area 3 | Street 8**

**Dubai | United Arab Emirates**

Issue no.: 09

Date: 13-05-2023

Valid to: 12-05-2026

Type of Activity	Test Materials/Products	Test Name	Test Method
Mechanical / Physical	Soil	Standard Test Method for Nonrepetitive Static Plate Load Test of Soils and Flexible Pavement Components, for Use in Evaluation and Design of Airport and Highway Pavements	ASTM D1196 / D1195M
Mechanical / Physical	Soil	Methods of test for soils for civil engineering purposes Part 2: Classification tests (Determination of particle size distribution)	BS 1377 Part 2 Clause 9.2 & 9.3

## Accreditation Scope

### Construction Materials Testing

#### LB-TEST-001

**Al Hoty Stanger Laboratory L.L.C**

**Building 21 | Al Quoz Ind Area 3 | Street 8**

**Dubai | United Arab Emirates**

Issue no.: 09

Date: 13-05-2023

Valid to: 12-05-2026

Type of Activity	Test Materials/Products	Test Name	Test Method
Mechanical / Physical	Soil	Methods of test for soils for civil engineering purposes. Part 9: In Situ penetration test- Determination of the penetration resistance using the split-barrel sampler (the standard penetration test SPT)	BS 1377- 9:1990 Cl 3.3
Mechanical / Physical	Soil	Code of practice for ground Investigations Section 6: Description of soils and rocks Clause 33: Description of soils	BS 5930 Section 6 Clause 33

## Accreditation Scope

### Construction Materials Testing

#### LB-TEST-001

**Al Hoty Stanger Laboratory L.L.C**

**Building 21 | Al Quoz Ind Area 3 | Street 8**

**Dubai | United Arab Emirates**

Issue no.: 09

Date: 13-05-2023

Valid to: 12-05-2026

Type of Activity	Test Materials/Products	Test Name	Test Method
Mechanical / Physical	Soil/Rock	Code of practice for ground Investigations Section 4: Exploratory holes Clause 26.3: Observations in installations	BS 5930 Section 4 Clause 26.3
Mechanical / Physical	Ground Water	Code of practice for ground Investigations Section 8: Field instrumentation Clause 52: Groundwater measurements	BS 5930 Section 8 Clause 52

**Accreditation Scope**  
**Construction Materials Testing**  
**LB-TEST-001**

**Al Hoty Stanger Laboratory L.L.C**

**Building 21 | Al Quoz Ind Area 3 | Street 8**

**Dubai | United Arab Emirates**

Issue no.: 09

Date: 13-05-2023

Valid to: 12-05-2026

Type of Activity	Test Materials/Products	Test Name	Test Method
Mechanical / Physical	Ground Water	Code of practice for ground Investigations Section 4: Exploratory holes Clause 26.4: Groundwater sampling	BS 5930 Section 4 Clause 26.4
Mechanical / Physical	Soil/Rock	Code of practice for ground Investigations Section 6: Description of soils and rocks Clause 36: Description and classification of rocks	BS 5930 Section 6 Clause 36
Mechanical / Physical	Reporting	Code of practice for ground Investigations Section 10: Reports and interpretation Clause 63: Reports	BS 5930 Section 10 Clause 63



**Accreditation Scope**  
**Construction Materials Testing**  
**LB-TEST-001**

**Al Hoty Stanger Laboratory L.L.C**

**Building 21 | Al Quoz Ind Area 3 | Street 8**

**Dubai | United Arab Emirates**

Issue no.: 09

Date: 13-05-2023

Valid to: 12-05-2026

Type of Activity	Test Materials/Products	Test Name	Test Method
Mechanical / Physical	Soil	Methods of test for Soils for civil Engineering purposes Part 2: Classification tests Clause no. 9: Determination of particle size distribution • Wet sieving method• Dry sieving method	BS 1377 Part 2 Clause 9.2 & 9.3
Mechanical / Physical	Soil	Methods of test for Soils for civil Engineering purposes Part 2: Classification tests Determination of moisture content	BS 1377 Part 2 Section 3

## Accreditation Scope

### Construction Materials Testing

#### LB-TEST-001

**Al Hoty Stanger Laboratory L.L.C**

**Building 21 | Al Quoz Ind Area 3 | Street 8**

**Dubai | United Arab Emirates**

Issue no.: 09

Date: 13-05-2023

Valid to: 12-05-2026

Type of Activity	Test Materials/Products	Test Name	Test Method
Mechanical / Physical	Soil/Rock	Code of practice for ground Investigations Section 6: Description of soils and rocks Clause 36: Description and classification of rocks	BS 5930 Section 6 Clause 36
Mechanical / Physical	Soil/Rock	Standard Test Methods for Laboratory Determination of Water (Moisture) Content of Soil and Rock by Mass	ASTM D2216

**Accreditation Scope**  
**Construction Materials Testing**  
**LB-TEST-001**

**Al Hoty Stanger Laboratory L.L.C**

**Building 21 | Al Quoz Ind Area 3 | Street 8**

**Dubai | United Arab Emirates**

Issue no.: 09

Date: 13-05-2023

Valid to: 12-05-2026

Type of Activity	Test Materials/Products	Test Name	Test Method
Mechanical / Physical	Rock	Standard Test Methods for Compressive Strength and Elastic Moduli of Intact Rock Core Specimens under Varying States of Stress and Temperatures	ASTM D7012
Mechanical / Physical	Rock	Standard Practices for Preparing Rock Core as Cylindrical Test Specimens and Verifying Conformance to Dimensional and Shape Tolerances	ASTM D4543

## Accreditation Scope

### Construction Materials Testing

#### LB-TEST-001

**Al Hoty Stanger Laboratory L.L.C**

**Building 21 | Al Quoz Ind Area 3 | Street 8**

**Dubai | United Arab Emirates**

Issue no.: 09

Date: 13-05-2023

Valid to: 12-05-2026

Type of Activity	Test Materials/Products	Test Name	Test Method
Mechanical / Physical	Rock	Code of practice for ground investigations – Rotary core drilling	BS 5930 Clause 24.11
Mechanical / Physical	Steel	Manhole cover and frame - load test	BS EN 124-1 2015
Chemical	Aggregate	Testing aggregates Part 117: Method for determination of water-soluble chloride salts	BS 812 Part 117
Chemical	Aggregate	Testing aggregates — Part 118: Methods for determination of sulphate content	BS 812 Part 118

## Accreditation Scope

### Construction Materials Testing

#### LB-TEST-001

**Al Hoty Stanger Laboratory L.L.C**

**Building 21 | Al Quoz Ind Area 3 | Street 8**

**Dubai | United Arab Emirates**

Issue no.: 09

Date: 13-05-2023

Valid to: 12-05-2026

Type of Activity	Test Materials/Products	Test Name	Test Method
Chemical	Aggregate	Standard Test Method for Organic Impurities in Fine Aggregates for Concrete	ASTM C40/C40M
Chemical	Concrete	Testing Concrete Part 124: Method for analysis of hardened concrete (Determination of chloride content in hardened concrete)	BS 1881 124 Clause 12.1

## Accreditation Scope

### Construction Materials Testing

#### LB-TEST-001

**Al Hoty Stanger Laboratory L.L.C**

**Building 21 | Al Quoz Ind Area 3 | Street 8**

**Dubai | United Arab Emirates**

Issue no.: 09

Date: 13-05-2023

Valid to: 12-05-2026

Type of Activity	Test Materials/Products	Test Name	Test Method
Chemical	Concrete	Testing Concrete Part 124: Methods for analysis of hardened concrete (Determination of Sulphate content in hardened Concrete)	BS 1881 124 Clause 12.2
Chemical	Concrete	Testing concrete Part 124: Methods for analysis of hardened concrete (Determination of Chloride content in hardened concrete)	BS 1881 124 Clause 10.2

**Accreditation Scope**  
**Construction Materials Testing**

**LB-TEST-001**

**Al Hoty Stanger Laboratory L.L.C**

**Building 21 | Al Quoz Ind Area 3 | Street 8**

**Dubai | United Arab Emirates**

Issue no.: 09

Date: 13-05-2023

Valid to: 12-05-2026

Type of Activity	Test Materials/Products	Test Name	Test Method
Chemical	Concrete	Testing concrete Part 124: Methods for analysis of hardened concrete (Determination of Sulphate content in hardened concrete)	BS 1881 124 Clause 10.3
Chemical	Soil	"Methods of test for Soils for civil Engineering purposes Part 3: Chemical and electro-chemical Tests Determination of the pH value."	BS 1377 Part 3 Clause 12
Chemical	Soil	"Methods of test for Soils for civil Engineering purposes Part 3: Chemical and electro-chemical Tests. Determination of the sulphate content."	BS 1377 Part 3 Clause 7.6/7.8

**Accreditation Scope**  
**Construction Materials Testing**  
**LB-TEST-001**

**Al Hoty Stanger Laboratory L.L.C**

**Building 21 | Al Quoz Ind Area 3 | Street 8**

**Dubai | United Arab Emirates**

Issue no.: 09

Date: 13-05-2023

Valid to: 12-05-2026

Type of Activity	Test Materials/Products	Test Name	Test Method
Chemical	Soil	"Methods of test for Soils for civil Engineering purposes Part 3: Chemical and electro-chemical Tests. Determination of the sulphate content." Determination of the chloride content."	BS 1377 Part 3 Clause 9.2
Chemical	Soil	"Methods of test for Soils for civil Engineering purposes Part 3: Chemical and electro-chemical Tests. Determination of the chloride content- Determination of water-soluble chloride content."	BS 1377 Part 3 Clause 9.2



**Accreditation Scope**  
**Construction Materials Testing**  
**LB-TEST-001**

**Al Hoty Stanger Laboratory L.L.C**

**Building 21 | Al Quoz Ind Area 3 | Street 8**

**Dubai | United Arab Emirates**

Issue no.: 09

Date: 13-05-2023

Valid to: 12-05-2026

Type of Activity	Test Materials/Products	Test Name	Test Method
Chemical	Soil	"Methods of test for Soils for civil Engineering purposes Part 3: Chemical and electro-chemical Tests. Determination of the sulphate content of soil Preparation of soil and its water extract."	BS 1377 Part 3 Clause 7.3/7.6
Chemical	Soil	"Methods of test for Soils for civil Engineering purposes Part 3: Chemical and electro-chemical Tests. Determination of the pH value."	BS 1377 Part 3 Clause 12

**Accreditation Scope**  
**Construction Materials Testing**  
**LB-TEST-001**

**Al Hoty Stanger Laboratory L.L.C**

**Building 21 | Al Quoz Ind Area 3 | Street 8**

**Dubai | United Arab Emirates**

Issue no.: 09

Date: 13-05-2023

Valid to: 12-05-2026

Type of Activity	Test Materials/Products	Test Name	Test Method
Chemical	Soil	"Methods of test for Soils for civil Engineering purposes Part 3: Chemical and electro-chemical Tests. Determination of the chloride content- Determination of acid-soluble chloride content."	BS 1377 Part 3 Clause 9.3
Chemical	Soil	"Methods of test for Soils for civil Engineering purposes Part 3: Chemical and electro-chemical Tests. Determination of the sulphate content of soil. • Preparation of soil and its acid extract."	BS 1377 Part 3 Clause 7.6/7.9

**Accreditation Scope**  
**Construction Materials Testing**

**LB-TEST-001**

**Al Hoty Stanger Laboratory L.L.C**

**Building 21 | Al Quoz Ind Area 3 | Street 8**

**Dubai | United Arab Emirates**

Issue no.: 09

Date: 13-05-2023

Valid to: 12-05-2026

Type of Activity	Test Materials/Products	Test Name	Test Method
------------------	-------------------------	-----------	-------------

Chemical	Aggregate	Acid soluble Sulphate	BS EN 1744 -1, M12:2009+A1:2012
Chemical	Aggregate	Acid soluble Chloride	BS EN 1744-5

Accreditation History		
Issue no.	Details	Date
09	Renewal of the accreditation	13-05-2023
08	Reduction in one test in Aggregate and extension in scope (Add: Chemical Tests in Soil and Aggregate (Acid soluble Sulphate, Acid soluble Chloride))	10-08-2022
07	Revise the laboratory's name as per its license	03-11-2020
06	Renewal accreditation, extension in scope and first issuance under the name of EIAC (which was formerly known as DAC)	06-10-2020

## Accreditation Scope

### Geotechnical Investigation

#### LB-TEST-001

**Al Hoty Stanger Laboratory L.L.C**

**Building 21 | Al Quoz Ind Area 3 | Street 8**

**Dubai | United Arab Emirates**

Issue no.: 02

Date: 13-05-2023

Valid to: 12-05-2026

Type of Activity	Test Materials/Products	Test Name	Test Method
Mechanical / Physical	Soil	Methods of test for soils for civil engineering purposes. Part 9: In Situ penetration test- Determination of the penetration resistance using the split-barrel sampler (the standard penetration test SPT)	BS 1377- 9 CI 3.3
Mechanical / Physical	Soil	Code of practice for ground Investigations Section 6: Description of soils and rocks Clause 33: Description of soils	BS 5930 Section 6 Clause 33

**Accreditation Scope**  
**Geotechnical Investigation**  
**LB-TEST-001**

**Al Hoty Stanger Laboratory L.L.C**

**Building 21 | Al Quoz Ind Area 3 | Street 8**

**Dubai | United Arab Emirates**

Issue no.: 02

Date: 13-05-2023

Valid to: 12-05-2026

Type of Activity	Test Materials/Products	Test Name	Test Method
Mechanical / Physical	Ground Water	Code of practice for ground Investigations Section 8: Field instrumentation Clause 52: Groundwater measurements	BS 5930 Section 8 Clause 52
Mechanical / Physical	Ground Water	Code of practice for ground Investigations Section 4: Exploratory holes Clause 26.4: Groundwater sampling	BS 5930 Section 4 Clause 26.4
Mechanical / Physical	Soil/Rock	Code of practice for ground Investigations Section 6: Description of soils and rocks Clause 36: Description and classification of rocks	BS 5930 Section 6 Clause 36

**Accreditation Scope**  
**Geotechnical Investigation**  
**LB-TEST-001**

**Al Hoty Stanger Laboratory L.L.C**

**Building 21 | Al Quoz Ind Area 3 | Street 8**

**Dubai | United Arab Emirates**

Issue no.: 02

Date: 13-05-2023

Valid to: 12-05-2026

Type of Activity	Test Materials/Products	Test Name	Test Method
Mechanical / Physical	Reporting	Code of practice for ground Investigations Section 10: Reports and interpretation Clause 63: Reports	BS 5930 Section 10 Clause 63
Mechanical / Physical	Soil/Rock	Code of practice for ground Investigations Section 6: Description of soils and rocks Clause 36: Description and classification of rocks mass- Core Recovery	BS 5930 Section 6 Clause 36
Mechanical / Physical	Soil/Rock	Standard Test Methods for Laboratory Determination of Water (Moisture) Content of Soil and Rock by Mass	ASTM D2216

## Accreditation Scope

### Geotechnical Investigation

#### LB-TEST-001

**Al Hoty Stanger Laboratory L.L.C**

**Building 21 | Al Quoz Ind Area 3 | Street 8**

**Dubai | United Arab Emirates**

Issue no.: 02

Date: 13-05-2023

Valid to: 12-05-2026

Type of Activity	Test Materials/Products	Test Name	Test Method
Mechanical / Physical	Rock	Standard Test Methods for Compressive Strength and Elastic Moduli of Intact Rock Core Specimens under Varying States of Stress and Temperatures	ASTM D7012
Mechanical / Physical	Rock	Standard Practices for Preparing Rock Core as Cylindrical Test Specimens and Verifying Conformance to Dimensional and Shape Tolerances	ASTM D4543

## Accreditation Scope

### Geotechnical Investigation

#### LB-TEST-001

**Al Hoty Stanger Laboratory L.L.C**

**Building 21 | Al Quoz Ind Area 3 | Street 8**

**Dubai | United Arab Emirates**

Issue no.: 02

Date: 13-05-2023

Valid to: 12-05-2026

Type of Activity	Test Materials/Products	Test Name	Test Method
Mechanical / Physical	Rock	Code of practice for ground investigations – Rotary core drilling	BS 5930 Clause 24.11

Accreditation History		
Issue no.	Details	Date
02	Renewal of the accreditation and reduction in scope (remove Code of practice for ground Investigations Section 4: Exploratory holes Clause 26.3: Observations in installations)	13-05-2023
01	Move Geotechnical Investigation from Al Hoty Stanger Laboratories-Abu Dhabi to Dubai branch	10-08-2022