



ACCREDITATION CERTIFICATE

LB-TEST-165

Emirates International Accreditation Centre

has accredited

AL HOTY- STANGER LABORATORY LLC

Al Musallah Street | Abu Baker Al Siddique Road

Kalba | Sharjah | 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: 01/12/2023 to 21/11/2026

Initial Accreditation Date: 22/11/2017




Amina Ahmed Mohammed
CHIEF EXECUTIVE OFFICER
APPROVAL



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Al Hoty- Stanger Laboratory LLC

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Date: 17-11-2025

Accreditation History		
Issue no.	Details	Date
06	Modification in the scope CM	17-11-2025
01	Extension in the scope Geotechnical	
05	Renewal of the accreditation, modification in tests methods, voluntary reduction in addition to extension in scope	01-12-2023
04	Certificate Validity was extnded for 6 months from 22-11-2023 up-to 21-05-2024	22-11-2023
03	Renewal accreditation, extension in scope and comply with the new accreditation number format	31-01-2021
02	Extension in scope (adding 2 tests under Concrete: BS 1881 Part 111 & 114), voluntary reduction for one test in Soil and first issuance under the name of EIAC (Which was formerly known as DAC)	27-02-2020
01	Granted accreditation from Dubai Accreditation Center 'DAC'	22-11-2017

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Issue no.: 06

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Type of Activity	Test Materials/Products	Test Name	Test Method
Physical / Mechanical	Aggregate	Tests for geometrical properties of aggregates Part 1: Determination of particle size distribution. Sieving method	BS EN 933 Part 1
Physical / Mechanical	Aggregate	Standard Test Method for Sieve Analysis of Fine and Coarse Aggregates	ASTM C136/136M
Physical / Mechanical	Aggregate	Standard Test Method for Materials Finer than 75- μ m (No. 200) Sieve in Mineral Aggregates by Washing	ASTM C117/2023
Physical / Mechanical	Aggregate	Standard Test Method for Clay Lumps and Friable Particles in Aggregates	ASTM C142

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Type of Activity	Test Materials/Products	Test Name	Test Method
Physical / Mechanical	Aggregate	Standard Test Method for Relative Density (Specific Gravity) and Absorption of Fine Aggregate	ASTM C128
Physical / Mechanical	Aggregate	Tests for geometrical properties of aggregates Part 1: Determination of particle size distribution. Sieving method (mass of fines passing the 0.063mm sieve)	BS EN 933 Part 1 Clause A.4.4
Physical / Mechanical	Aggregate	Standard Test Method for Density, Relative Density (Specific Gravity), and Absorption of Coarse Aggregate	ASTM C127 -15/2024

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Type of Activity	Test Materials/Products	Test Name	Test Method
Physical / Mechanical	Aggregate	Tests for geometrical properties of aggregates Part 7: Determination of shell content. Percentage of shells in coarse aggregates	BS EN 933 Part 7
Physical / Mechanical	Aggregate	Tests for geometrical properties of aggregates Part 3: Determination of particle shape. Flakiness index	BS EN 933 Part 3
Physical / Mechanical	Aggregate	Testing aggregates Methods for determination of particle shape. Elongation index of coarse aggregate	BS 812 105.2
Physical / Mechanical	Aggregate	Standard Test Method for Soundness of Aggregates by Use of Sodium Sulfate or Magnesium Sulfate	ASTM C88/C88M /224

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Type of Activity	Test Materials/Products	Test Name	Test Method
Physical / Mechanical	Aggregate	Testing aggregates Part 111: Methods for Determination of Ten Per Cent Fines Value (TFV)	BS 812 Part 111
Physical / Mechanical	Aggregate	Testing aggregates Part 112: Method for determination of Aggregate Impact Value (AIV)	BS 812 Part 112
Physical / Mechanical	Aggregate	Standard Test Method for Resistance to Degradation of Small- Size Coarse Aggregate by Abrasion and Impact in the Los Angeles Machine	ASTM C131/C131M
Physical / Mechanical	Aggregate	Standard Test Method for Resistance to Degradation of Large- Size Coarse Aggregate by Abrasion and Impact in the Los Angeles Machine	ASTM C535

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Type of Activity	Test Materials/Products	Test Name	Test Method
Physical / Mechanical	Aggregate	Testing aggregates Part 110: Methods for determination of aggregate crushing value (ACV)	BS 812 Part 110
Physical / Mechanical	Aggregate	Testing aggregates Methods for determination of particle shape. Flakiness index	BS 812 105.1
Physical / Mechanical	Aggregate	Standard Test Method for Sand Equivalent Value of Soils and Fine Aggregate	ASTM D2419
Physical /mechanical	Aggregate	Testing Aggregates Part 103: Methods for Determination of Particle Size Distribution Sec 103.1: Sieve Tests	BS 812 Part 103-1 Clause 7:2 Clause 7.3

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Type of Activity	Test Materials/Products	Test Name	Test Method
Physical / Mechanical	Rock	Determination of block integrity/ Determination of drop test breakage index	The Rock Manual CIRIA C683 BS EN 13383-1
Physical / Mechanical	Rock	Determination of the mass distribution of light and heavy gradings	The Rock Manual CIRIA C683 BS EN 13383-2 Clause 6
Physical / Mechanical	Rock	Determination of the percentage of pieces of armourstone with a length-to thickness ratio greater than 3	The Rock Manual CIRIA C683 BS EN 13383-2 Clause 7
Physical / Mechanical	Rock	Determination of particle density and water absorption	The Rock Manual CIRIA C683 BS EN 13383-2 Clause 8
Physical / Mechanical	Rock	Method for determining Point Load strength	RTH – 325 – ISRM

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Type of Activity	Test Materials/Products	Test Name	Test Method
Physical / Mechanical	Rock	Tests for mechanical and physical properties of aggregates Part 2: Methods for the determination of resistance to fragmentation by the Los Angeles test method	BS EN 1097 Part 2 Clause 5
Physical / Mechanical	Rock	Tests for thermal and weathering properties of aggregates Part 2: Magnesium sulfate test	BS EN 1367 Part 2
Physical / Mechanical	Soil	Geotechnical investigation and testing Laboratory testing of soil Part 4: Determination of particle size distribution	BS EN 17892 Part 4 Clause 5.2

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Type of Activity	Test Materials/Products	Test Name	Test Method
Physical / Mechanical	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 pouring cylinder method))	BS 1377 Part 9 Clause 2.2 AMD 17229 July 2007
Physical / Mechanical	Soil	Methods of test for soils for civil engineering purposes Part 2: Classification tests and determination of geotechnical properties. Determination of the California Bearing Ratio (CBR)	BS 1377 Part 2 Clause 15

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Type of Activity	Test Materials/Products	Test Name	Test Method
Physical / Mechanical	Soil	Methods of test for soils for civil engineering purposes Part 2: Classification tests and determination of geotechnical properties. Determination of dry density/moisture content relationship using using 4.5 kg rammer for soils with particles up to medium-gravel size	BS 1377 Part 2 Clause 11.5 &11.6
Physical / Mechanical	Soil	Methods of test for soils for civil engineering purposes Part 2: Classification tests and determination of geotechnical properties.	BS 1377-2:2022 Clause 5.2 and BS EN 17892-12:2018+A2:2022 Clause 5.3

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Type of Activity	Test Materials/Products	Test Name	Test Method
Physical / Mechanical	Soil	Methods of test for soils for civil engineering purposes Part 2: Classification tests and determination of geotechnical properties. Determination of the plastic limit and plasticity	BS 1377 -2:2022 Clause 6 and BS EN 17892- 12 : 2018+A2: 2022 Clause 5.5 & 6.5
Physical / Mechanical	Soil	Methods of test for soils for civil engineering purposes Part 2: Classification tests and determination of geotechnical properties (Determination of water	BS 1377 -2;2022 Clause 4.1 and BS EN 17892- 1:2014+A1:2022

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Physical / Mechanical	Soil	Methods of test for soils for civil engineering purposes Part 2: Classification tests and determination of geotechnical properties. Linear Shrinkage	BS 1377 Part 2 Clause 7
Physical / Mechanical	Concrete	Testing concrete Part 116: Method for determination of compressive strength of concrete cubes	BS 1881 Part 116 AMD 6097-89 & AMD 6720-91
Physical / Mechanical	Concrete	Testing concrete; testing of hardened concrete (specimens prepared in mould)	DIN 1048 Part 5
Physical / Mechanical	Concrete	Testing concrete Part 122: Method for determination of water absorption	BS 1881 Part 122

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Type of Activity	Test Materials/Products	Test Name	Test Method
Physical / Mechanical	Concrete	Testing hardened concrete Part 8: Depth of penetration of water under pressure	BS EN 12390 Part 8
Physical / Mechanical	Concrete	Testing concrete Part 208: Recommendations for the determination of the initial surface absorption of concrete	BS 1881 Part 208
Physical / Mechanical	Concrete	Electrical Indication of Concrete's Ability to Resist Chloride Ion Penetration	AASHTO T277
Physical / Mechanical	Concrete	Standard Test Method for Electrical Indication of Concrete's Ability to Resist Chloride Ion Penetration	ASTM C1202

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Type of Activity	Test Materials/Products	Test Name	Test Method
Physical / Mechanical	Concrete	Testing concrete Part 114 Methods for determination of density of hardened concrete	BS 1881 Part 114 AMD 6721
Physical / Mechanical	Concrete	Testing concrete Part 111: Method of normal curing of test specimens (20°C method)	BS 1881 Part 111 AMD 6102
Physical / Mechanical	Concrete	Testing hardened concrete Part 1: Shape, dimensions and other requirements for specimens and molds	BS EN 12390 Part 1
Physical / Mechanical	Concrete	Testing hardened concrete Part 2: Making and curing specimens for strength tests	BS EN 12390 Part 2

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Type of Activity	Test Materials/Products	Test Name	Test Method
Physical / Mechanical	Concrete	Testing hardened concrete Part 3: Compressive strength of test specimens	BS EN 12390 Part 3
Physical / Mechanical	Concrete	Testing hardened concrete Part 7: Density of hardened concrete	BS EN 12390 Part 7
Physical / Mechanical	Fresh Concrete	Testing Concrete Part 102: Determination of Slump	BS 1881 Part 102
Physical / Mechanical	Fresh Concrete	Testing fresh concrete - Slump test	BS EN 12350 Part 2
Physical / Mechanical	Fresh Concrete	Standard Test Method for Temperature of Freshly Mixed Hydraulic-Cement Concrete	ASTM C1064/ C1064M

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Type of Activity	Test Materials/Products	Test Name	Test Method
Physical / Mechanical	Fresh Concrete	Testing concrete - Method for determination of density of compacted fresh concrete	BS 1881 Part 107
Physical / Mechanical	Fresh Concrete	Testing fresh concrete - Density	BS EN 12350 Part 6
Physical / Mechanical	Fresh Concrete	Standard Test Method for Air Content of Freshly Mixed Concrete by the Pressure Method - eLearning Course	ASTM C231/C231M
Physical / Mechanical	Fresh Concrete	Standard Test Method for Bleeding of Concrete	ASTM C232 /C232M
Physical / Mechanical	Paving Block	Precast concrete paving blocks - Specification for paving blocks -Annex A: Dimension Anenex B: Compressive Strength	BS 6717 Part 1 Annex A & B

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Type of Activity	Test Materials/Products	Test Name	Test Method
Physical / Mechanical	Paving Block	Standard Test Methods for Sampling and Testing Concrete Paving Units and Related Units	ASTM C 140-2023, Clause 8.3 & Aneex 4.5

Geotechnical investigation Testing

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Type of Activity	Test Materials/Products	Test Name	Test Method
Geotechnical investigation	Soil	The standard penetration test - SPT	BS 1377- 9:1990 Cl 3.3
Geotechnical investigation	Soil	Description of soils and rocks Clause 33: Description of soils	BS 5930 Section 6 Clause 33:2015+A1
Geotechnical investigation	Groundwater	Exploratory holes Clause 26.3: Observations in installations	BS 5930 Section 4 Clause 26.3:2015+A1
Geotechnical investigation	Groundwater	Groundwater measurements	BS 5930 Section 8 Clause 52:2015+A1
Geotechnical investigation	Groundwater	Groundwater sampling	BS 5930 Section 4 Clause 26.4:2015+A1
Geotechnical investigation	Rocks	Description of soils and rocks Clause 36: Description and classification of rocks	BS 5930 Section 6 Clause 36:2015+A1

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Type of Activity	Test Materials/Products	Test Name	Test Method
Geotechnical investigation	Reporting	Reports and interpretation Clause 63: Reports	BS 5930 Section 10 Clause 63:2015+A1
Geotechnical investigation	Rock/Soil	Laboratory Determination of Water (Moisture) Content of Soil and Rock by Mass	ASTM D2216-19
Geotechnical investigation	Rock	Compressive Strength and Elastic Moduli of Intact Rock Core Specimens under Varying States of Stress and Temperatures	ASTM D7012-23
Geotechnical investigation	Rock	Preparing Rock Core as Cylindrical Test Specimens and Verifying Conformance to Dimensional and Shape Tolerances	ASTM D4543-19

Geotechnical investigation Testing

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Type of Activity	Test Materials/Products	Test Name	Test Method
Geotechnical investigation	soil	Ground investigations – Rotary core drilling	BS 5930 Clause 24.11:2015+A1
Geotechnical investigation	Soil/ Rock	Code of practice for site investigations- Piezometer Installation	BS 5930 Clause 52.5:2015+A1