



ACCREDITATION CERTIFICATE

LB-TEST-234

Emirates International Accreditation Centre

has accredited

**FUJAIRAH MUNICIPALITY BUILDING MATERIAL TESTING & RESEARCH
LABORATORY**

Al Sheria | Plot no. C/104 | Fujairah | 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: 13-05-2024 to 29-03-2027

Initial Accreditation Date: 30-03-2021



Amina Ahmed Mohammed
For/CHIEF EXECUTIVE OFFICER





مركز الإمارات العالمي للاعتماد
Emirates International Accreditation Centre

Accreditation Scope
LB-TEST-234

**Fujairah Municipality Building Material Testing & Research
Laboratory**

Al Sheria | Plot no. C/104 | Fujairah | United Arab Emirates

Date: 13-05-2024

Accreditation History		
Issue no.	Details	Date
04	Renewal of accreditation and extension in scope (add Aggregate and Hardened Concrete tests)	13-05-2024
03	Certificate validity was extended for 6 months from 30-03-2024 up to 29-09-2024	30-03-2024
02	Re-issued due to extension in scope (add Soil tests)	19-06-2023
01	Granted accreditation from Emirates International Accreditation Centre 'EIAC'	30-03-2021

Accreditation Scope
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**Fujairah Municipality Building Material Testing & Research
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Issue no.: 04

Date: 13-05-2024

Valid to: 29-03-2027

Type of Activity	Test Materials/Products	Test Name	Test Method
Physical / Mechanical	Concrete	Testing hardened concrete Part 1: Shape, dimensions and other requirements for specimens and moulds	BS EN 12390 Part 1
Physical / Mechanical	Concrete	Tracked Changes. Testing hardened concrete Part 2: Making and curing specimens for strength tests	BS EN 12390 Part 2
Physical / Mechanical	Concrete	Tracked Changes. Testing hardened concrete. Part 3: Compressive strength of test specimens	BS EN 12390 Part 3

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Issue no.: 04

Date: 13-05-2024

Valid to: 29-03-2027

Type of Activity	Test Materials/Products	Test Name	Test Method
Physical / Mechanical	Concrete	Testing hardened concrete Part 7: Determination of the carbonation resistance of concrete. Accelerated carbonation method	BS EN 12390 Part 7
Physical / Mechanical	Block	Methods of test for masonry units. Part 16: Determination of dimensions	BS EN 772 Part 16
Physical / Mechanical	Block	Methods of test for masonry units. Part 1: Determination of compressive strength	BS EN 772 Part 1+AI

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Type of Activity	Test Materials/Products	Test Name	Test Method
Physical / Mechanical	Block	Precast concrete paving blocks. Part 1: Specification for Paving Blocks	BS 6717 Part 1 Annex A & B
Physical / Mechanical	Soil	Methods of test for soils for civil engineering purposes Part 2: Classification tests and determination of geotechnical properties Determination of Water Content- Oven-drying method	BS 1377 Part 2 Clause 4.1



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Type of Activity	Test Materials/Products	Test Name	Test Method
Physical / Mechanical	Soil	Geotechnical investigation and testing - Laboratory testing of soil Part 1: Determination of water content	BS EN 17892 Part 1 + A1

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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 4: Compaction-related tests. Determination of dry density/moisture content relationship: - Method using 4.5 kg rammer for soils with particles up to medium-gravel size - Method using 4.5 kg rammer for soils with some coarse gravel-size particles	BS 1377 Part 4 Clause 11.5 & Clause 11.6

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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 (small and large pouring cylinder method)	BS 1377 Part 9 Clause 2.1 & Clause 2.2 AMD 8264
Physical / Mechanical	Aggregates	Tests for geometrical properties of aggregates Part 3: Determination of particle shape. Flakiness index	BS EN 933 Part 3

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Type of Activity	Test Materials/Products	Test Name	Test Method
Physical / Mechanical	Aggregates	Testing aggregates Part 105: Methods for determination of particle shape Section 105.2 Elongation Index of coarse aggregate	BS 812Part 105 Section 105.2
Physical / Mechanical	Hardened Concrete	Testing concrete Part 116: Method for determination of compressive strength of concrete cubes	BS 1881 Part 116
Physical / Mechanical	Hardened Concrete	Testing concrete Part 114: Methods for determination of density of hardened concrete.	BS 1881 Part 114



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Type of Activity	Test Materials/Products	Test Name	Test Method
Physical / Mechanical	Hardened Concrete	Testing concrete Part 111: Method of normal curing of test specimens (20 degreesC method).	BS 1881 Part 111