



ACCREDITATION CERTIFICATE

LB-069-TEST

Dubai Accreditation Department

has accredited

**Teyseer Laboratories
Doha- Qatar**

In accordance with the requirements of ISO/ IEC 17025: 2005 to undertake the tests in the field of:

Construction Materials Testing

For the tasks listed in the attached Scope of Accreditation

This Accreditation is invalid without the attached scope of accreditation and shall remain in force within the validity period printed below, subject to continuing compliance with the requirements of the accreditation program.

Validity of Certificate: from 20- 12- 2013 to 19- 12- 2016

Initial Accreditation Date: 20- 12- 2010



Director, Dubai Accreditation Department



SCOPE OF ACCREDITATION (LB-CM)

Teyseer Laboratories, Doha- Qatar

Scope Issue No: 04

Accreditation Certificate No: LB-069-TEST

Scope Validity Period: 20-12-2013 to 19-12-2016

Issued by (Head of Section):

Type of Task	Materials/Products	Task Name	Standard method
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 C 131
		Standard Test Method for Resistance to Degradation of Large-Size Coarse Aggregate by Abrasion and Impact in the Los Angeles Machine	ASTM C 535
		Testing aggregates. Methods for determination of density (Particle density and water absorption of aggregate between 40mm and 5mm)	BS 812 Part 2 Section 5.4
		Testing aggregates. Methods for determination of particle shape. Flakiness index	BS 812 Part 105 Section 105.1
		Testing aggregates. Methods for determination of particle shape. Elongation index of coarse aggregate	BS 812 Part 105 Section 105.2
		Testing aggregates. Method for determination of particle size distribution. Sieve tests	BS 812 Part 103 Section 103.1

Note: For history details of accredited conformity assessment activities, please refer to Dubai Accreditation Department, Dubai Municipality.



SCOPE OF ACCREDITATION (LB-CM)

Teyseer Laboratories, Doha- Qatar

Scope Issue No: 04

Accreditation Certificate No: LB-069-TEST

Scope Validity Period: 20-12-2013 to 19-12-2016

Issued by (Head of Section):

Type of Task	Materials/Products	Task Name	Standard method
Mechanical/ Physical	Aggregate	Tests for geometrical properties of aggregates. Determination of particle shape. Flakiness index	BS EN 933-3
		Tests for geometrical properties of aggregates. Determination of particle shape. Shape index (Elongation Index)	BS EN 933-4
		Tests for geometrical properties of aggregates. Determination of particle size distribution. Sieving method (mass of fines passing the 0.063mm sieve)	BS EN 933-1 Clause A.4.4
		Testing aggregates. Methods for determination of Aggregate Crushing Value (ACV)	BS 812 Part 110
		Testing aggregates. Method for determination of Aggregate Impact Value (AIV)	BS 812 Part 112
		Standard Test Method for Materials Finer than 75- μ m (No. 200) Sieve in Mineral Aggregates by Washing	ASTM C 117
		Testing aggregate Methods for Sampling	BS 812 Part 102

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Type of Task	Materials/Products	Task Name	Standard method
Mechanical/ Physical	Aggregate	Testing aggregates. Methods for determination of density (Particle density and water absorption (10mm aggregate & smaller))	BS 812 Part 2 Section 5.5
		Tests for geometrical properties of aggregates. Determination of particle size distribution. Sieving method	BS EN 933-1
		Testing aggregates. Methods for Determination of Ten Per Cent Fines Value (TFV)	BS 812 Part 111
		Tests for geometrical properties of aggregates. Determination of shell content. Percentage of shells in coarse aggregates	BS EN 933 Part 7
	Aggregate/ Soil	Standard Test Method for Sand equivalent value of soils and fine aggregate	ASTM D 2419
	Concrete	Method for determination of compressive of concrete cubes, method for determination of density of hardened concrete, method of normal curing of test specimens	BS 1881 Part 111, Part 114 & Part 116

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Type of Task	Materials/Products	Task Name	Standard method
Mechanical/ Physical	Concrete	Testing Hardened Concrete- Compressive strength of test specimens	BS EN 12390-3
		Testing hardened concrete Density of hardened concrete	BS EN 12390 Part 7
		Testing concrete in structures Cored specimens. Taking, examining and testing in compression	BS EN 12504 – 1
		Testing concrete in structures Non-destructive testing. Determination of rebound number	BS EN 12504 – 2
	Blocks	Methods of test for masonry units Determination of compressive strength	BS EN 772 – 1
		Precast concrete Paving blocks, determination of compressive strength	BS 6717 Part 1 Annex B
	Soils	Methods of test for soils for civil engineering purposes. Classification tests (Determination of Liquid Limit (Cone Penetrometer))	BS 1377 Part 2 Clause 4.3
		Methods of test for soils for civil engineering purposes. Classification tests (Determination of Plastic Limit and Plasticity Index)	BS 1377 Part 2 Clause 5.3 & Clause 5.4

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Type of Task	Materials/Products	Task Name	Standard method
Mechanical/ Physical	Soils	Methods of test for soils for civil engineering purposes. Classification tests (Determination of particle size distribution)	BS 1377 Part 2 Clause 9.2 & 9.3
		Methods of test for soils for civil engineering purposes. Compaction-related tests (Determination of dry density / moisture content relationship)	BS 1377 Part 4 Clause 3.5 and 3.6
		Methods of test for soils for civil engineering purposes. Compaction-related tests (Determination of California bearing ratio)	BS 1377 Part 4 Clause 7
		Methods for test for soils for civil engineering purposes. 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
		Methods for test for soils for civil engineering purposes. In-situ tests (Filed Density test by Nuclear Gauge FDT)	BS 1377 Part-9 Test no.2.5

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Type of Task	Materials/Products	Task Name	Standard method
Mechanical/ Physical	Soils	Methods of test for soils for civil engineering purposes. Classification tests (Determination of moisture content)	BS 1377 Part 2 Clause 3
	Asphalt	Standard test methods for Quantitative extraction of bitumen from bituminous paving mixtures	ASTM D 2172
		Bituminous mixtures. Test methods for hot mix asphalt. Determination of bulk density of bituminous specimens (procedure A-dry)	BS EN 12697- 6 Clause 9.2
		Bituminous mixtures. Test methods for hot mix asphalt. Determination of the dimensions of a bituminous specimen	BS EN 12697-29
		Bituminous mixtures. Test methods for hot mix asphalt. Determination of the thickness of a bituminous pavement	BS EN 12697-36
		Bituminous mixtures. Test methods for hot mix asphalt. Determination of void characteristics of bituminous specimens	BS EN 12697-8

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