SCOPE OF ACCREDITATION TO ISO/IEC 17025:2017

TEYSEER LABORATORIES
Airport Road, 310 Street
Al Hilal Area, Zone 42
Doha, Qatar 47167
Mahmoud Ali Phone: +974 44622478

CONSTRUCTION MATERIALS TESTING

Valid To: February 28, 2021 Certificate Number: 5186.01

In recognition of the successful completion of the A2LA evaluation process, accreditation is granted to this laboratory for:

Test Method:	**Test Description:**
Aggregates:	
ASTM C29/C29M	Bulk Density ("Unit Weight") and Voids in Aggregate
ASTM C117	Materials Finer than 75-µm (No. 200) Sieve in Mineral Aggregates by Washing
ASTM C127	Relative Density (Specific Gravity) and Absorption of Coarse Aggregate
ASTM C128	Relative Density (Specific Gravity) and Absorption of Fine Aggregate
ASTM C131/C131M	Resistance to Degradation of Small-Size Coarse Aggregate by Abrasion and Impact in the Los Angeles
ASTM C136/C136M	Sieve Analysis of Fine and Coarse Aggregates
ASTM C142/C142M	Clay Lumps and Friable Particles in Aggregates
ASTM C535	Resistance to Degradation of Large-Size Coarse Aggregate by Abrasion and Impact in the Los Angeles Machine
BS 812, Part 2, Clause 5.4	Determination of Particle Density and water Absorption - Method for aggregates between 40 mm and 5 mm
BS 812, Part 2, Clause 5.5	Determination of Particle Density and water Absorption - Method for Aggregates 10 mm Nominal Size and Smaller
BS 812, Part 102	Methods for Sampling
BS 812, Part 103.1	Method for Determination of Particle Size Distribution
BS 812, Part 105, Sec 105.1	Methods for Determination of Particle Shape - Flakiness Index
BS 812, Part 105, Sec 105.2	Methods for determination of Particle Shape - Elongation Index of Coarse Aggregate
BS 812, Part 110	Determination of Aggregate Crushing Value (ACV)
BS 812, Part 111	Determination of Ten Per Cent Fines Value (TFV)
BS 812, Part 112	Determination of Aggregate Impact Value (AIV)
BS EN 933, Part 3	Tests for Geometrical Properties of Aggregates. Determination of Particle Shape. Flakiness Index
BS EN 933, Part 1	Determination of Particle Size Distribution. Sieving Method
BS EN 933, Part 7	Determination of Shell Content. Percentage of Shells in Coarse Aggregates

5202 Presidents Court, Suite 220 | Frederick, MD 21703-8515 | Phone: 301 644 3248 | Fax: 240 454 9449 | www.A2LA.org

Test Method:	Test Description:
BS EN 933, Part 1, Clause A.4.4	Determination of Particle Size Distribution. Sieving Method (Mass of Fines Passing the 0.063 mm Sieve)
BS EN 933, Part 4	Determination of Particle Shape. Shape Index (Elongation Index)
Bituminous:	
ASTM D2041/D2041M	Theoretical Maximum Specific Gravity and Density of Bituminous Paving Mixtures
ASTM D2172/D2172M	Quantitative Extraction of Bitumen from Bituminous Paving Mixtures
ASTM D2726/D2726M	Bulk Specific Gravity and Density of Non-absorptive Compacted Bituminous Mixtures
BS EN 12697, Part 2	Determination of Particle Size Distribution
BS EN 12697, Part 6, Clause 9.2	Determination of Bulk Density of Bituminous Specimens (Procedure A- Dry)
BS EN 12697, Part 8	Determination of Void Characteristics of Bituminous Specimens
BS EN 12697, Part 27, Clauses 4.1& 4.3 & 4.7[1]	Sampling
BS EN 12697, Part 29	Determination of the dimensions of a bituminous specimen
BS EN 12697, Part 30, Clause 5.2	Hot Mix Asphalt Part 30: Specimen Preparation by Impact Compactor
BS EN 12697, Part 34	Hot Mix Asphalt Part 34: Marshall Test (Marshall Stability and Flow)
BS EN 12697, Part 36	Determination of the Thickness of a Bituminous Pavement
BS EN 1426	Bitumen and Bituminous Binders. Determination of Needle Penetration
Concrete:	
BS 1881 Parts 111	Part 111: Normal Curing of Test Specimens (20°C method)
BS 1881 Part 114	Part 114: Determination of Density of Hardened Concrete
BS 1881 Part 116	Part 116: Determination of Compressive Strength of Concrete Cubes
BS EN 12390, Part 3	Compressive Strength of Test Specimens
BS EN 12390, Part 7	Density of Hardened Concrete
BS EN 12504, Part 1	Cored specimens. Taking, Examining and Testing in Compression
BS EN 12504, Part 2	Determination of Rebound Number
BS EN 12390-1	Testing hardened concrete; Shape dimension and other requirements for Specimen and Moulds
Masonry:	
BS EN 772, Part 1, A1	Compressive Strength of Concrete Masonry Blocks
BS 6717, Part 1, Annex B	Specification for Paving Blocks- Determination of Compressive Strength
Soils:	
ASTM D1557	Laboratory Compaction Characteristics of Soil Using Modified Effort (56,000 ft-lbf/ft3 (2,700 kN-m/m3))
ASTM D1883	California Bearing Ratio (CBR) of Laboratory-Compacted Soils
ASTM D2216	Determination of Water (Moisture) Content of Soil and Rock by Mass
ASTM D2419	Sand Equivalent Value of Soils and Fine Aggregate
ASTM D4318	Liquid Limit, Plastic Limit, and Plasticity Index of Soils
ASTM D4718/D4718M	Correction of Unit Weight and Water Content for Soils Containing Oversize Particles

Test Method:	Test Description:
ASTM D6913/D6913M	Particle-Size Distribution (Gradation) of Soils Using Sieve Analysis
BS 1377, Part 2, Clause 3	Determination of Moisture Content
BS 1377, Part 2, Clause 4.3	Determination of the Liquid Limit - Cone Penetrometer Method (Definitive Method)
BS 1377, Part 2, Clauses 5.3 and 5.4	Determination of Plastic Limit and Plasticity Index
BS 1377, Part 2, Clauses 9.2 and 9.3	Determination of Particle Size Distribution - Wet & Dry Sieving Method
BS 1377, Part 4, Clauses 3.5 and 3.6 - 1990	Determination of Dry Density in Moisture Content Relationship
BS 1377, Part 4, Clause 7	Determination of California Bearing Ratio (CBR)
BS 1377, Part 9, Clause 2.2[1]	Sand Replacement Method Suitable for Fine, Medium and Coarse-Grained Soils (Large Pouring Cylinder Method)
BS 1377, Part 9, Test No. 2.5[1]	Field Density Test by Nuclear Gauge FDT

[1] This laboratory meets A2LA *R104 – General Requirements: Accreditation of Field Testing and Field Calibration Laboratories* for these tests.

Accredited Laboratory

A2LA has accredited

TEYSEER LABORATORIES

Doha, Qatar

for technical competence in the field of

Construction Materials Testing

This laboratory is accredited in accordance with the recognized International Standard ISO/IEC 17025:2017 *General requirements for the competence of testing and calibration laboratories*. This accreditation demonstrates technical competence for a defined scope and the operation of a laboratory quality management system (*refer to joint ISO-ILAC-IAF Communiqué dated April 2017*).

Presented this 12th day of March 2019.

Vice President, Accreditation Services
For the Accreditation Council
Certificate Number 5186.01
Valid to February 28, 2021

For the tests to which this accreditation applies, please refer to the laboratory's Construction Materials Scope of Accreditation.