

<http://approvedtestlist.ashghal.gov.qa/>

Laboratory Searched: Al Baraha				
Test No.	Test Category	Test Activity	Standard	Status
'1.1'	Soil Test	Reducing Samples to Testing Size	ASTM C 702	Approved
'1.2'	Soil Test	Determination of Moisture content	ASTM D2216	Approved
'1.3'	Soil Test	Particle-Size Distribution (Gradation) of Soils Using Sieve Analysis	ASTM D6913	Approved
'1.4'	Soil Test	Materials finer than No. 200(0.075mm) sieve.	ASTM D1140	Approved
'1.5'	Soil Test	Liquid Limit, Plastic Limit and Plasticity Index of Soil	ASTM D 4318	Approved
'1.6'	Soil Test	Lab Compaction Test using modified Effort	ASTM D 1557	Approved
'1.7'	Soil Test	Correction of Density and Water Content for Soils	ASTM D4718	Approved
'1.8'	Soil Test	Field Density (Sand Cone)	ASTM D1556	Approved
'1.9'	Soil Test	Field Density (Nuclear)	ASTM D6938	Approved
'1.11'	Soil Test	California Bearing Ratio(CBR)	ASTM D1883	Approved
'1.12'	Soil Test	In Place California Bearing Ratio (CBR)	ASTM D4429	Approved
'1.13'	Soil Test	Sand Equivalent Value	ASTM D2419	Approved
'1.14'	Soil Test	Determination of Moisture Content (Oven Drying)	BS 1377 Part 2: Sec. 3.2	Approved
'1.15'	Soil Test	Determination of Liquid Limit (Cone Penetrometer)	BS 1377 Part 2: Sec. 4.3	Approved
'1.16'	Soil Test	Determination of Liquid Limit (Casagrande Method)	BS 1377 Part 2: Sec. 4.5	Approved
'1.17'	Soil Test	Determination of Plastic Limit and Plasticity Index	BS 1377 Part 2: Sec. 5	Approved
'1.18'	Soil Test	Particle Size Distribution (Wet Sieving Method)	BS 1377 Part 2: Sec. 9.2	Approved
'1.19'	Soil Test	Particle Size Distribution (Dry Sieving Method)	BS 1377 Part 2: Sec. 9.3	Approved
'1.20'	Soil Test	Dry Density/Moisture Content Relationship	BS 1377 Part 4: Sec.3.5/3.6	Approved

'1.21'	Soil Test	Determination of California Bearing Ratio (CBR)	BS 1377 Part4: Sec. 7	Approved
'1.22'	Soil Test	In-Situ Density Test (Sand Replacement Method - Small Pouring Cylinder)	BS 1377 Part 9: Sec. 2.1	Approved
'1.23'	Soil Test	In-Situ Density Test (Sand Replacement Method – Large Pouring Cylinder)	BS 1377 Part 9: Sec. 2.2	Approved
'1.24'	Soil Test	In-Situ Density Test (Nuclear Gauge Method)	BS 1377 Part 9: Sec. 2.5	Approved
'1.25'	Soil Test	Determination of Organic Matter Content	BS 1377 Part 3: Sec. 3	Approved
'1.27'	Soil Test	Determination of Acid Soluble Chloride Content	BS 1377 Part 3: Sec. 7.3/5.5	Approved
'1.29'	Soil Test	Determination of Acid Soluble Sulphate Content	BS 1377 Part 3: Sec. 5.2	Approved
'1.30'	Soil Test	Sand Equivalent Value	BS EN 933 Part 8	Approved
'2.1'	Aggregate Tests	Sampling of Aggregates	ASTM D75	Approved
'2.2'	Aggregate Tests	Reducing Samples to Testing Size	ASTM C702	Approved
'2.3'	Aggregate Tests	Particle Size Distribution	ASTM C136	Approved
'2.4'	Aggregate Tests	Material Finer than 0.075 mm	ASTM C117	Approved
'2.5'	Aggregate Tests	Determination of Specific Gravity and Water Absorption of Fine Aggregate	ASTM C128	Approved
'2.6'	Aggregate Tests	Determination of Specific Gravity and Water Absorption of Coarse Aggregate	ASTM C127	Approved
'2.7'	Aggregate Tests	Clay Lumps and Friable Particles.	ASTM C142	Approved
'2.8'	Aggregate Tests	Lightweight Particles	ASTM C123	Approved
'2.9'	Aggregate Tests	Organic Impurities for Fine Aggregates	ASTM C40	Approved
'2.10'	Aggregate Tests	Flat and Elongated Particles	ASTM D4791	Approved
'2.11'	Aggregate Tests	Los Angeles Abrasion	ASTM C131	Approved
'2.12'	Aggregate Tests	Los Angeles Abrasion	ASTM C535	Approved
'2.13'	Aggregate Tests	Magnesium Sulphate Soundness	ASTM C88	Approved
'2.14'	Aggregate Tests	Percentage of Fractured Particles	ASTM D5821	Approved
'2.15'	Aggregate Tests	Sieve Analysis of Mineral filler	ASTM D546	Approved
'2.20'	Aggregate Tests	Sampling of Aggregates (From Heaps)	BS 812 Part 102	Approved
'2.21'	Aggregate Tests	Determination of Moisture Content (Oven Drying)	BS 812 Part 109: Sec.6	Approved

'2.21'	Aggregate Tests	Determination of Moisture Content (Oven Drying)	BS 812 Part 109: Sec.6	Approved
'2.22'	Aggregate Tests	Determination of Particle Density and Water Absorption	BS EN 1097 Part 6	Approved
'2.23'	Aggregate Tests	Sampling of Aggregates (From Heaps)	BS 812 Part 102	Approved
'2.24'	Aggregate Tests	Particle Density and Water Absorption (5-40mm aggregate)	BS 812 Part 2-5.4	Approved
'2.26'	Aggregate Tests	Particle Size Distribution	BS EN 933 Part 1	Approved
'2.27'	Aggregate Tests	Particle Size Distribution (Wet)	BS 812 Part 103.1-7.2	Approved
'2.28'	Aggregate Tests	Particle Size Distribution (Dry)	BS 812 Part 103.1-7.3	Approved
'2.29'	Aggregate Tests	Material Finer than 0.075 mm	BS EN 933 Part 1	Approved
'2.30'	Aggregate Tests	Material Finer than 0.063 mm	BS EN 933Part 1	Approved
'2.31'	Aggregate Tests	Determination of Shell Content	BS EN 933 Part 7	Approved
'2.32'	Aggregate Tests	Flakiness Index	BS EN 933 Part 3	Approved
'2.33'	Aggregate Tests	Flakiness Index	BS 812 Part 105.1	Approved
'2.34'	Aggregate Tests	Elongation (Shape) Index	BS EN 933 Part 4	Approved
'2.35'	Aggregate Tests	Elongation Index	BS 812 Part 105.2	Approved
'2.36'	Aggregate Tests	Determination of Aggregate Crushing Value	BS 812 Part 110	Approved
'2.37'	Aggregate Tests	Determination of Ten Percent Value	BS 812 Part 111	Approved
'2.38'	Aggregate Tests	Determination of Aggregate Impact Value	BS 812 Part 112	Approved
'2.40'	Aggregate Tests	Determination of Drying Shrinkage	BS EN 1367 Part 4	Approved
'2.41'	Aggregate Tests	Determination of Los Angeles Abrasion	BS EN 1097 Part 2 Cl.5	Approved
'2.43'	Aggregate Tests	Determination of Acid Soluble Chloride Content	BS EN 1744 Part 5	Approved
'2.47'	Aggregate Tests	Determination of Acid Soluble Sulphate Content	BS EN 1744 Part 1: Sec 12	Approved
'3.1'	Concrete Tests	Making and Curing of Concrete Tests Specimen	ASTM C31	Approved
'3.2'	Concrete Tests	Sampling of Fresh Concrete	ASTM C172	Approved
'3.3'	Concrete Tests	Test for Temperature of Fresh Concrete	ASTM C1064	Approved
'3.4'	Concrete Tests	Slump Test	ASTM C143	Approved

'3.5'	Concrete Tests	Compressive Strength of Concrete Cylindrical Specimens	ASTM C39	Approved
'3.11'	Concrete Tests	Resistance to Chloride Ion Penetration	ASTM C1202	Approved
'3.12'	Concrete Tests	Air Content Test for Fresh Concrete by Pressure Method	ASTM C231	Approved
'3.14'	Concrete Tests	Density Determination for Fresh Concrete	ASTM C138	Approved
'3.26'	Concrete Tests	Sampling of Fresh Concrete	BS EN 12350 Part 1	Approved
'3.27'	Concrete Tests	Making and Curing of Specimen for Strength Test	BS EN 12390 Part 2	Approved
'3.28'	Concrete Tests	Slump Test	BS EN 12350 Part 2	Approved
'3.29'	Concrete Tests	Flow Table Test	BS EN 12350 Part 5	Approved
'3.30'	Concrete Tests	Shape and Dimensions of Specimen	BS EN 12390 Part 1	Approved
'3.31'	Concrete Tests	Compressive Strength of Concrete Specimens	BS EN 12390 Part 3	Approved
'3.32'	Concrete Tests	Density of Hardened Concrete	BS EN 12390 Part 7	Approved
'3.33'	Concrete Tests	Obtaining and Testing of Drilled Cores	BS EN 12504 Part 1	Approved
'3.34'	Concrete Tests	Water Penetration Test	BS EN 12390 Part 8	Approved
'3.35'	Concrete Tests	Water Absorption Test	BS 1881 Part 122	Approved
'3.36'	Concrete Tests	Initial Surface Absorption (ISAT)	BS 1881 Part 208	Approved
'3.37'	Concrete Tests	Chloride Penetration Test.	NT Build 492	Approved
'3.38'	Concrete Tests	Acid Soluble Chloride in Concrete.	BS 1881 Part 124 Sec. 10.2	Approved
'3.39'	Concrete Tests	Acid Soluble Sulphate in Concrete	BS 1881 Part 124 Sec. 10.3	Approved
'4.1'	Masonry Blocks and Paving Units Tests	Compressive Strength of Concrete Masonry Blocks	BS 6073 Part 1	Approved
'4.2'	Masonry Blocks and Paving Units Tests	Compressive Strength of Concrete Masonry Blocks	BS EN 772 Part 1	Approved
'4.3'	Masonry Blocks and Paving Units Tests	Water Absorption for Masonry Blocks	EN 771 Part 3	Approved
'4.4'	Masonry Blocks and Paving Units Tests	Measurement of Dimensions of Kerbs	BS EN 1340 Annex C	Approved
'4.5'	Masonry Blocks and Paving Units Tests	Water Absorption for Kerbs	BS EN 1340 Annex E	Approved
'4.7'	Masonry Blocks and Paving Units Tests	Water Absorption for Paving Blocks/Interlocks	BS EN 1338 Annex E	Approved
'4.10'	Masonry Blocks and Paving Units Tests	Water Absorption for Concrete Paving Flags/Slabs	BS EN 1339 Appendix E	Approved

'4.13'	Masonry Blocks and Paving Units Tests	Water Absorption for Interlocks	ASTM C140	Approved
'5.1'	Cementitious Materials Tests	Taking and Preparing Samples of Cement	BS EN 196 Part 7	Approved
'5.2'	Cementitious Materials Tests	Method of Sampling of Cement	ASTM C183	Approved
'5.5'	Cementitious Materials Tests	Compressive Strength of Cube of Hydraulic Cement Mortars	ASTM C109	Approved
'5.15'	Cementitious Materials Tests	Determination of Setting Times of Cement	BS EN 196 Part 3	Approved
'5.16'	Cementitious Materials Tests	Determination of Soundness of Cement	BS EN 196 Part 3	Approved
'5.16'	Cementitious Materials Tests	Determination of Soundness of Cement	BS EN 196 Part 3	Approved
'5.17'	Cementitious Materials Tests	Setting Time by Vicat Needle	ASTM C191	Approved
'5.18'	Cementitious Materials Tests	Normal Consistency of Cement	ASTM C187	Approved
'5.22'	Cementitious Materials Tests	Fineness Test of Cement	BS EN 196 Part 6	Approved
'6.1'	Road and Pavement Tests	Sampling of Binders	ASTM D140	Approved
'6.3'	Road and Pavement Tests	Application Rate of Bituminous Distributors	ASTM D2995	Approved
'6.4'	Road and Pavement Tests	Determination of Density of Bitumen	ASTM D70	Approved
'6.5'	Road and Pavement Tests	Penetration of Bituminous Materials	ASTM D5	Approved
'6.6'	Road and Pavement Tests	Determination of Softening Point (Ring and Ball Method)	ASTM D36	Approved
'6.22'	Road and Pavement Tests	Sampling of Bituminous Mixtures	ASTM D979	Approved
'6.24'	Road and Pavement Tests	Sampling Compacted Bituminous Mixtures for Laboratory Testing	ASTM D5361	Approved
'6.25'	Road and Pavement Tests	Preparation of Specimens Using Marshall Apparatus	ASTM D6926	Approved
'6.26'	Road and Pavement Tests	Determination of Bulk Specific Gravity and Density	ASTM D2726	Approved
'6.27'	Road and Pavement Tests	Bulk Specific Gravity and Density Using Coated Samples	ASTM D1188	Approved
'6.28'	Road and Pavement Tests	Theoretical Maximum Specific Gravity and Density	ASTM D2041	Approved
'6.29'	Road and Pavement Tests	Maximum Specific Gravity and Density Using Vacuum Sealing	ASTM D6857	Approved
'6.30'	Road and Pavement Tests	Thickness of Asphalt Specimen	ASTM D3549	Approved
'6.31'	Road and Pavement Tests	Marshall Stability and Flow of Bituminous Mixtures	ASTM D6927	Approved

'6.33'	Road and Pavement Tests	Quantitative Extraction of Bitumen from Bituminous Paving Mixtures	ASTM D2172	Approved
'6.36'	Road and Pavement Tests	Mechanical Size Analysis of Extracted Aggregate	ASTM D5444	Approved
'6.36'	Road and Pavement Tests	Density of Bituminous Concrete in Place by Nuclear Methods	ASTM D2950	Approved
'6.37'	Road and Pavement Tests	Density of Bituminous Concrete in Place by Nuclear Methods	ASTM D2950	Approved
'6.49'	Road and Pavement Tests	Temperature Measurement	BS EN 12697 Part 13	Approved
'6.54'	Road and Pavement Tests	Determination of Density of Thermoplastic Material	BS 3262 Part 3-Ap. C	Approved
'6.59'	Road and Pavement Tests	Measurement of Retro-reflectivity of pavement marking materials	BS EN 1436 Annex A&B	Approved
'6.60'	Road and Pavement Tests	Measurement of Retro-reflectivity of pavement marking materials	ASTM E1710	Approved
'6.64'	Road and Pavement Tests	Dry Film Thickness	BS 3262 Part 3-Ap. B	Approved
'8.21'	Geotechnical Tests	Plate Load Test	BS 1377 Part 9-Sec. 4.1	Approved
'8.23'	Geotechnical Tests	California Bearing Ratio (CBR) Test	BS 1377 Part 9-Sec. 4.3	Approved
'8.24'	Geotechnical Tests	Dynamic Cone Penetrometer for Shallow Pavements	ASTM D6951	Approved
'10.3'	Non Destructive	Measuring Rut-Depth of Pavement Surfaces Using a Straightedge	ASTM E1703	Approved
'10.5'	Non Destructive	Rebound Hammer Test for Concrete	ASTM C805	Approved