



# Accreditation Scope

Al Hoty Stanger Laboratories - Al Ain, NAL 209  
Testing Laboratory, (ISO/IEC 17025:2017)

Abu Dhabi - Al Noud - 49th Street, Al Ain, Abu Dhabi, United Arab Emirates

Issue Date: 25/03/2026

Expiry Date: 06/04/2027

Issue No: 2

Testing Field	Materials/ Products Tested	Type of test/ Test parameter/ Properties measured/Range of measurement	Test Method (Standard, Internal Procedure, Technique)	Permanent lab (P) / Client-site (S)
Construction materials and building	Aggregate	Standard Method of Test for Resistance to Degradation of Small- Size Coarse Aggregate by Abrasion and Impact in the Los Angeles Machine	AASHTO T 96 :2022	P
Construction materials and building	Aggregate	Standard Method of Test for Plastic Fines in Graded Aggregates and Soils by Use of the Sand Equivalent Test	AASHTO T 176:2022	P
Construction materials and building	Aggregate	Standard Test Method for Sieve Analysis of Fine and Coarse Aggregates	ASTM C 136/C136M :2019	P
Construction materials and building	Aggregate	Tests for geometrical properties of aggregates- Determination of particle size distribution. Sieving method	BSEN 933-1 : 2012 CI 7.1 & 7.2	P

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Construction materials and building	Aggregate	Sieve Analysis	BS 812 Part 103-1: CI 7.2 & 7.3 : 1985	P
Construction materials and building	Aggregate	Standard Method of Test for Soundness of Aggregate by Use of Sodium Sulfate or Magnesium Sulfate	AASHTO T 104:2022	P
Construction materials and building	Aggregate	Standard Test Method for Relative Density (Specific Gravity) and Absorption of Fine Aggregate	ASTM C 128 :2025	P
Construction materials and building	Aggregate	Standard Test Method for Relative Density (Specific Gravity) and Absorption of Coarse Aggregate	ASTM C 127 : 2025	P
Construction materials and building	Aggregate	Tests for mechanical and physical properties of aggregates- Determination of particle density and water absorption	BSEN 1097-6 :2022 CI:7 ,8,9	P
Construction materials and building	Aggregate	Tests for geometrical properties of aggregates- Determination of particle shape. Flakiness index	BSEN 933-3 : 2012	P

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Construction materials and building	Aggregate	Material Finer Than 63 Micron	BS EN 933-1 : 2012 CI 7.1 and 7.2	P
Construction materials and building	Aggregate	Standard Method of Test for Materials Finer Than 75-µm (No. 200) Sieve in Mineral Aggregates by Washing	AASHTO T 11-05:2024	P
Construction materials and building	Aggregate	Tests for geometrical properties of aggregates- Determination of particle shape. Shape index	BSEN 933-4 : 2008	P
Construction materials and building	Aggregate	Determination of Shell Content - Percentage of Shells in Coarse Aggregates	BSEN 933-7 : 1998	P
Construction materials and building	Aggregate	Standard Method of Test for Sieve Analysis of Fine and Coarse Aggregates	AASHTO T 27 :2024	P
Construction materials and building	Aggregate	Standard Method of Test for Specific Gravity and Absorption of Fine Aggregate	AASHTO T 84 : 2022	P

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Construction materials and building	Concrete	Testing hardened concrete Part 3: Compressive strength of test specimens	BS EN 12390-3: 2019	P
Construction materials and building	Concrete	MAKING AND CURING SPECIMENS CUBES FOR COMPRESSIVE STRENGTH TEST	BS EN 12390-2: 2019	P
Construction materials and building	Concrete	SHAPE AND DIMENSIONS AND OTHER REQUIREMENTS FOR THE SPECIMENS AND MOULDS	BS EN 12390-1: 2021	P
Construction materials and building	Concrete	DENSITY AND HARDENED CONCRETE CUBE	BS EN 12390-7: 2019	P
Construction materials and building	Concrete	Determination Of Initial Surface Absorption Of Concrete	BS 1881 part 208:1996	P
Construction materials and building	Concrete	Standard Method of Test for Electrical Indication of Concrete's Ability to Resist Chloride Ion Penetration	AASHTO T 277-2023	P

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Construction materials and building	Concrete	Determination the consistence of Fresh concrete by the Slump and Temperature Test	BS EN 12350 2: 2019	P/S
Construction materials and building	Soil	Standard Test Methods for Laboratory Determination of Water (Moisture) Content of Soil and Rock by Mass	ASTM D 2216: 2019	P
Construction materials and building	Soil	Standard Test Methods for Laboratory Compaction Characteristics of Soil Using Modified Effort (56,000 ft-lbf/ft <sup>3</sup> (2,700 kN-m/m <sup>3</sup> ))	ASTM D 1557:12 (2021)	P
Construction materials and building	Soil	Dry density - moisture content relationship of soil with medium sized gravel and coarse sized gravel (Proctor)	BS 1377 Part-2, Cl 11.5 & 11.6 :2022	P
Construction materials and building	Soil	Standard Test Method for Density and Unit Weight of Soil in Place by Sand-Cone Method	ASTM D1556/D1556M: 15e1 2024	P
Construction materials and building	Soil	Field Density Test- Large pouring cylinder method	BS 1377 Part-9 1990 CL 2.2	s

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Construction materials and building	Soil	Determination of Liquid Limit, Plastic Limit, Plasticity Index	BS EN ISO 17892-12:2018+A2:2022 Cl 5.4, 5.5 and 6.5 (Casagrande Method)	p
Construction materials and building	Soil	Standard Test Methods for Particle-Size Distribution (Gradation) of Soils Using Sieve Analysis	ASTM D 6913/ D 6913M-17 (2025)	p
Construction materials and building	Soil	Determination Of Water Content of Soil	BSEN ISO 17892-1:2014+A1:2022 Cls. 5.1	p
Construction materials and building	Soil	Determination of the particle size distribution of a soil test specimen by sieving, or sedimentation,	BSEN ISO 17892-4:2016 cl 5.2	p
Construction materials and building	Soil	Determination of California Bearing Ratio (CBR)	AASHTO T 193 (2022)	p
Construction materials and building	Soil	Determination of Liquid Limit, Plastic Limit, Plasticity Index	AASHTO T 89/90 : 2022	p
Construction materials and building	Soil	Standard Method of Test for Laboratory Determination of Moisture Content of Soils	AASHTO T265-15(2022)	p

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Construction materials and building	Soil	Standard Method of Test for Moisture– Density Relations of Soils Using a 4.54-kg (10-lb) Rammer and a 457-mm (18-in.) Drop	AASHTO T 180: 2022	p
Construction materials and building	Soil	Standard Method of Test for Particle Size Analysis of Soils	AASHTO T88 :2022	p
Construction materials and building	Soil	Standard Specification for Classification of Soils and Soil-Aggregate Mixtures for Highway Construction Purposes	AASHTO M 145:2021	p
Construction materials and building	Soil	Standard Method of Test for Density of Soil In-Place by the Sand-Cone Method	AASHTO T 191:2022	p
Construction materials and building	Aggregate	Methods for determination of aggregate impact value (AIV)	BS 812 Part 112: 1990 CI 7.1&7.2	P
Construction materials and building	Aggregate	Methods for determination of aggregate crushing value (ACV)	BS 812 Part 110 : 1990	P

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Construction materials and building	Aggregate	Methods for determination of ten per cent fines value (TFV)	BS 812 Part 111: CI 7.1 : 1990 ,BS 812 Part 111: CI 7.2 : 1990	P
Construction materials and building	Aggregate	Methods for determination of particle shape — Flakiness index	BS 812 Part 105.1 : 1989	P
Construction materials and building	Aggregate	Methods for determination of particle shape — Elongation index of coarse aggregate	BS 812 Part 105.2 : 1990	P
Construction materials and building	Aggregate	Methods for determination of moisture content	BS 812 Part 109 : 1990	P
Construction materials and building	Aggregate	Standard Test Method for Clay Lumps and Particles in Aggregates(Percentage of Clay Lumps and Friable Particles in Fine Aggregate)	ASTM C 142/C 142M :2017	P
Construction materials and building	Aggregate	Standard Method of Test for Clay Lumps and Friable Particles in Aggregate(Percentage of Clay Lumps and Friable Particles in Fine Aggregate)	AASHTO T 112-2023	P

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Construction materials and building	Aggregate	Method for determination of shell content in coarse aggregate(Coarser than 10mm)	BS 812 Part 106 : 1985	P
Construction materials and building	Aggregate	Standard Test Method for Materials Finer than 75-µm (No. 200) Sieve in Mineral Aggregates by Washing	ASTM C 117 : 2023	P
Construction materials and building	Aggregate	Standard Method of Test for Determining the Percentage of Fracture in Coarse Aggregate (Sieve Size 25mm - 19mm)	AASHTO T 335 -09 (2023)	P
Construction materials and building	Aggregate	Standard Method of Test for Specific Gravity and Absorption of Coarse Aggregate(Bulk Specific Gravity Oven Dry)	AASHTO T 85 : 2022	P
Construction materials and building	Aggregate	Standard Test Method for Flat and Elongated Particles in Coarse Aggregate	ASTM D 4791:2023	P
Construction materials and building	Soil	Determination of the California Bearing Ratio for Soil(CBR) (Top/ (Bottom))	BS 1377 Part-2:2022 CL:15.2.3	P

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Construction materials and building	Soil	Standard Test Method for California Bearing Ratio (CBR) of Laboratory-Compacted Soils	ASTM D 2021	P
Construction materials and building	Soil	Determination of Linear Shrinkage	BS 1377 Part-2 CL 6.5 : 2022	P
Construction materials and building	Soil	Soil Classification (Percentage of Gravel Material)	BS 6031:2009 - Clause 5 (Table 1) 1981	P
Construction materials and building	Concrete	Testing Hardened Concrete Depth of Penetration of Water Under Pressure	BS EN 12390-8:2019	P
Construction materials and building	Concrete	Testing Hardened Concrete Depth of Penetration of Water Under Pressure	DIN 1048 Part-5: 1991, CI 6.4	P
Construction materials and building	Concrete	Testing Concrete Method for Determination of Water Absorption	BS 1881-122:2011 + A1:2020	P
Construction materials and building	Fresh Concrete	Testing fresh concrete - Density	BSEN 12350-6-2019	P
Construction materials and building	Fresh Concrete	Testing fresh concrete - Air content. Pressure methods	BSEN 12350-7-2019	P

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Construction materials and building	Fresh Concrete	Standard Test Method for Bleeding of Concrete	ASTM C232-2021	P
Construction materials and building	Fresh Concrete	Standard Test Method for Time of Setting of Concrete Mixtures by Penetration Resistance	ASTM C 403/C 403M:2023	P
<b>END</b>				

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