



# 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: 06/04/2024

Expiry Date: 05/04/2027

Issue No: 1

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)
Physical	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 -02 (2019)	P
Physical	Aggregate	Standard Method of Test for Plastic Fines in Graded Aggregates and Soils by Use of the Sand Equivalent Test	AASHTO T 176 - 2017	P
Physical	Aggregate	Standard Test Method for Sieve Analysis of Fine and Coarse Aggregates	ASTM C 136/C136M : 2014	P

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Physical	Aggregate	Tests for geometrical properties of aggregates- Determination of particle size distribution. Sieving method	BSEN 933-1 : 2012 CI 7.1 & 7.2	P
Physical	Aggregate	Sieve Analysis	BS 812 Part 103-1: CI 7.2 & 7.3 : 1985	P
Physical	Aggregate	Standard Method of Test for Soundness of Aggregate by Use of Sodium Sulfate or Magnesium Sulfate	AASHTO T 104-99 (2020)	P
Physical	Aggregate	Standard Test Method for Relative Density (Specific Gravity) and Absorption of Fine Aggregate	ASTM C 128 : 2015	P
Physical	Aggregate	Standard Test Method for Relative Density (Specific Gravity) and Absorption of Coarse Aggregate	ASTM C 127 : 2015	P

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Physical	Aggregate	Tests for mechanical and physical properties of aggregates- Determination of particle density and water absorption	BSEN 1097-6 : 2013 CI:7 ,8,9	P
Physical	Aggregate	Tests for geometrical properties of aggregates- Determination of particle shape. Flakiness index	BSEN 933-3 : 2012	P
Physical	Aggregate	Material Finer Than 63 Micron	BS EN 933-1 : 2012 CI 7.1 and 7.2	P
Physical	Aggregate	Standard Method of Test for Materials Finer Than 75- $\mu$ m (No. 200) Sieve in Mineral Aggregates by Washing	AASHTO T 11-05 (2020)	P
Physical	Aggregate	Tests for geometrical properties of aggregates- Determination of particle shape. Shape index	BSEN 933-4 : 2008	P

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Physical	Aggregate	Determination of Shell Content - Percentage of Shells in Coarse Aggregates	BSEN 933-7 : 1998	P
Physical	Aggregate	Standard Method of Test for Sieve Analysis of Fine and Coarse Aggregates	AASHTO T 27 : 2020	P
Physical	Aggregate	Standard Method of Test for Specific Gravity and Absorption of Fine Aggregate	AASHTO T 84 : 2022	P
Physical	Concrete	Testing hardened concrete Part 3: Compressive strength of test specimens	BS EN 12390-3: 2019	P
Physical	Concrete	MAKING AND CURING SPECIMENS CUBES FOR COMPRESSIVE STRENGTH TEST	BS EN 12390-2: 2019	P

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Physical	Concrete	SHAPE AND DIMENSIONS AND OTHER REQUIREMENTS FOR THE SPECIMENS AND MOULDS	BS EN 12390-1: 2021	P
Physical	Concrete	DENSITY AND HARDENED CONCRETE CUBE	BS EN 12390-7: 2019	P
Physical	Concrete	Determination Of Initial Surface Absorption Of Concrete	BS 1881 part 208:1996	P
Physical	Concrete	Standard Method of Test for Electrical Indication of Concrete's Ability to Resist Chloride Ion Penetration	AASHTO T 277- 2022	P
Physical	Soil	Standard Test Methods for Laboratory Determination of Water (Moisture) Content of Soil and Rock by Mass	ASTM D 2216: 2019	P

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Physical	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: 2012	P
Physical	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
Physical	Soil	Standard Test Method for Density and Unit Weight of Soil in Place by Sand-Cone Method	ASTM D1556/D1556M: 15e1	P
Physical	Soil	Field Density Test- Large pouring cylinder method	BS 1377 Part-9 1990 CL 2.2	s
Physical	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

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Physical	Soil	Standard Test Methods for Particle-Size Distribution (Gradation) of Soils Using Sieve Analysis	ASTM D 6913/ D 6913M-17	p
Physical	Soil	Determination Of Water Content of Soil	BSEN ISO 17892-1:2014 cl 5.1	p
Physical	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
Physical	Soil	Determination of California Bearing Ratio (CBR)	AASHTO T 193 (2022)	p
Physical	Soil	Determination of Liquid Limit, Plastic Limit, Plasticity Index	AASHTO T 89/90 : 2022	p
Physical	Soil	Standard Method of Test for Laboratory Determination of Moisture Content of Soils	AASHTO T265-15(2022)	p

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Physical	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
Physical	Soil	Standard Method of Test for Particle Size Analysis of Soils	AASHTO T88 : 2014(2020)	p
Physical	Soil	Standard Specification for Classification of Soils and Soil-Aggregate Mixtures for Highway Construction Purposes	AASHTO M 145-1991(2017)	p
Physical	Soil	Standard Method of Test for Density of Soil In-Place by the Sand-Cone Method	AASHTO T 191:2014(2018)	p
<b>END</b>				

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