

10.6 Scope of Accreditation

Issue No: 04/ Issue Date: 28 October 2020
File Manager: Atta Subhan



ACCREDITED
TESTING
ISO/IEC 17025:2017
No. ATL 0037

Testing Laboratory Accreditation No. ATL 0037

is accredited by the GCC Accreditation Center (GAC) in accordance with the recognised International Standard ISO/IEC 17025:2017, "General requirements for the competence of testing and calibration laboratories"

Geoscience Testing Laboratory LLC	
<p>Address.</p> <p>STORE #2, AREA 149, P.O. BOX 24827, SANAIYA, AL AIN, UNITED ARAB EMIRATES</p>	<p>Contact: ENGR. ALLAN EUGENE Tel: +971 52 9873537 Fax: +971-3-722 8956 Email: allan@gtl.ae Web Address: www.geoscience.ae</p>

Locations where testing activities covered by the above Accreditation Standard are undertaken

1- **address:** STORE #2, AREA 149, P.O. BOX 24827, SANAIYA, AL AIN, UNITED ARAB EMIRATES

For the following scope:

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Scope:

2. Construction Material Testing:

- 2.12 Concrete
- 2.19 Asphalts
- 2.18 Soils
- 2.16 Aggregates

Scope details are as follows:

TEST CATEGORY	ITEMS, MATERIALS OR PRODUCTS TESTED	SPECIFIC TESTS / PARAMETERS OR PROPERTIES, COMPONENTS, CHARACTERISTICS TESTED	SPECIFICATION, STANDARD TEST METHOD OR TECHNIQUE USED	Remarks
	Soil	Determination of In-situ Density by Sand Replacement Method	BS 1377-9:1990, Clause 2.2	
		Determination of Laboratory Compaction Characteristics of Soil Using Modified Effort	ASTM D1557 – 12e1	
		Determination of Particle Size Distribution	BS 1377:1990 Part 2, Cl 9.2 & 9.3/ BS EN ISO 17892-4:2016, CL 5.2	
		Determination of California Bearing Ratio	ASTM D 1883 – 16	

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Construction Material Testing		In-Place Density Test by Sand Cone Method	ASTM D1556/D1556M – 15	
	Aggregates	Determination of Particle Size Distribution (Wet / Dry)	EN 933-1: 2012	
		Determination of Flakiness Index of Aggregates	EN 933-3: 2012	
		Determination of Shell Content in Course Aggregates	EN 933-7: 1998	
		Determination of Soundness of Aggregates by use of Sodium Sulphate and Magnesium Sulphate	ASTM C88 – 18	
		Specific Gravity, Density and Water Absorption of Coarse Aggregates	ASTM C 127 – 15	
		Specific Gravity, Density and Water Absorption of Fine Aggregates	ASTM C 128 – 15	
		Sieve Analysis of Fine and Coarse Aggregates	ASTM C136/C136M – 19	
		Determination of Sand Equivalent Value	ASTM D 2419 – 14	
		Resistance to Degradation of Small-Size	ASTM C131/C131 –20/ASTM C 535 – 16	

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		Coarse Aggregates by Abrasion and Impact in the Los Angeles Machine		
	Concrete	Determination of Compressive Strength of Cubes	BS EN 12390-3: 2019	
		Shape, dimensions and other requirements for specimens and moulds	BS EN 12390-1: 2012	
		Making and curing specimens for strength tests	BS EN 12390-2: 2019	
		Density of hardened concrete	BS EN 12390-7: 2019	
		Electrical Indication of Concrete's Ability to Resist Chloride Ion Penetration	ASTM C 1202 – 19	
		Determination of Depth of Penetration of Water Under Pressure	EN 12390-8: 2019	
		Determination of Water Absorption of Hardened Concrete	BS 1881-122: 2011	
		Determination of the Initial Surface Water Absorption of Concrete	BS 1881-208: 1996	
			Thickness or Height of Compacted Asphalt	ASTM D3549/D3549M - 18

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		Mixture Specimens		
	Asphalt	Preparation of Asphalt Mixture Specimens Using Marshall Apparatus	ASTM D 6926 – 16	
		Marshall Stability and Flow of Bituminous Mixtures	ASTM D 6927 – 15	
		Mechanical Size Analysis of Extracted Aggregate	ASTM D 5444 – 15	

Note: the text in blue indicates the new scope OR update in the Edition of a test method in this issue of the scope of accreditation.

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Log of Suspended Scopes:

TEST CATEGORY	ITEMS, MATERIALS OR PRODUCTS TESTED	SPECIFIC TESTS / PARAMETERS OR PROPERTIES, COMPONENTS, CHARACTERISTICS TESTED	SPECIFICATION, STANDARD TEST METHOD OR TECHNIQUE USED	Date Suspended	Date Reinstated

Log of Withdrawn Scopes:

TEST CATEGORY	ITEMS, MATERIALS OR PRODUCTS TESTED	SPECIFIC TESTS / PARAMETERS OR PROPERTIES, COMPONENTS, CHARACTERISTICS TESTED	SPECIFICATION, STANDARD TEST METHOD OR TECHNIQUE USED	Date Withdrawn

END

This conformity assessment body (CAB) is recorded as issuing GAC accredited reports to organizations in the countries listed below. This list is current at the time of issue of this schedule.

United Arab Emirates	Bahrain	Saudi Arabia	Oman	Qatar	Kuwait	Yemen