



Accreditation Scope

Al Masfoufa Engineering Lab for Geotechnical Sole Proprietorship L.L.CS, NAL 035
Testing Laboratory, (ISO/IEC 17025:2017)

Al Masfoufa Engineering Laboratory Behind LuLu Hypermarket, Sanaiya, Al Ain P.O. Box : 84618, Al Ain,
United Arab Emirates, Abu Dhabi, United Arab Emirates

Issue Date: 24/03/2025

Expiry Date: 11/07/2026

Issue No: 7

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	Relative Density (Specific Gravity) and Absorption of Coarse Aggregate	ASTM C 127-15	P
Construction materials and building	Aggregate	Relative Density (Specific Gravity) and Absorption of Fine Aggregate	ASTM C 128-15	P
Construction materials and building	Aggregate	Determination of Particle Size Distribution of Aggregate (Sieving Method)	BS EN 933-1:2012	P
Construction materials and building	Concrete	Water Permeability of Hardened Concrete	DIN 1048-5:1991, Cl. 7.6	P
Construction materials and building	Concrete	Compressive Strength of Concrete Cubes	BS EN 12390-3:2019	P
Construction materials and building	Concrete	Dimension and shape of hardened concrete	BS EN 12390-1:2012	P

This is an electronic certificate and does not require stamp and signature. Certificate will be invalid in case of any modification.



هذه الشهادة صدرت إلكترونياً ولا تحتاج لختم أو توقيع، أي كشط أو تغيير في هذه الشهادة يلغيها.



Accreditation Scope

Al Masfoufa Engineering Lab for Geotechnical Sole Proprietorship L.L.CS, NAL 035
Testing Laboratory, (ISO/IEC 17025:2017)

**Al Masfoufa Engineering Laboratory Behind LuLu Hypermarket, Sanaiya, Al Ain P.O. Box : 84618, Al Ain,
United Arab Emirates, Abu Dhabi, United Arab Emirates**

Issue Date: 24/03/2025

Expiry Date: 11/07/2026

Issue No: 7

Construction materials and building	Concrete	Density of hardened concrete	BS EN 12390-7:2019	P
Construction materials and building	Concrete	Making and curing specimens for strength tests	BS EN 12390-2:2019	P
Construction materials and building	Concrete	Electrical Indication of Concrete's Ability to Resist Chloride Ion Penetration (RCP)	ASTM C 1202-19	P
Construction materials and building	Concrete	Determination of the Initial Surface Absorption of Concrete (ISAT)	BS 1881-208:1996	P
Construction materials and building	Concrete	Determination of Water Absorption of Concrete	BS 1881-122:2011+A-2020	P
Construction materials and building	Concrete	Determination of carbonation depth in hardened concrete by the phenolphthalein method	BS EN 14630:2006	P / S

This is an electronic certificate and does not require stamp and signature. Certificate will be invalid in case of any modification.



هذه الشهادة صدرت إلكترونياً ولا تحتاج لختم أو توقيع، أي كشط أو تغيير في هذه الشهادة يلغيها.



Accreditation Scope

Al Masfoufa Engineering Lab for Geotechnical Sole Proprietorship L.L.CS, NAL 035
Testing Laboratory, (ISO/IEC 17025:2017)

Al Masfoufa Engineering Laboratory Behind LuLu Hypermarket, Sanaiya, Al Ain P.O. Box : 84618, Al Ain,
United Arab Emirates, Abu Dhabi, United Arab Emirates

Issue Date: 24/03/2025

Expiry Date: 11/07/2026

Issue No: 7

Construction materials and building	Soil	Determination of Dry Density/Moisture Content Relationship using 4.5 kg Rammer for Soils with Particles up to Medium-gravel Size and 4.5 kg Rammer for Soils with Some Coarse Gravel-size Particles	BS 1377-2:2022 Cl. 11.5 & 11.6	P
Construction materials and building	Soil	Determination of California Bearing Ratio (CBR)	BS 1377-4:1990, Cl.7, Amd. 13925-02	P
Construction materials and building	Soil	Laboratory Compaction Characteristics of Soil Using Modified Effort (56,000 ft-lbf/ft ³ (2,700 kN-m/m ³)) ¹	ASTM D 1557-12e1	P
Construction materials and building	Soil	In Situ Density Test (Sand Replacement Method Suitable for Fine, Medium and Coarse-grained Soils, Large Pouring Cylinder Method)	BS 1377-9:1990; Cl.2.2, Amd. 8264-95	P / S

This is an electronic certificate and does not require stamp and signature. Certificate will be invalid in case of any modification.



هذه الشهادة صدرت إلكترونياً ولا تحتاج لختم أو توقيع، أي كشط أو تغيير في هذه الشهادة يلغيها.



Accreditation Scope

Al Masfoufa Engineering Lab for Geotechnical Sole Proprietorship L.L.CS, NAL 035
Testing Laboratory, (ISO/IEC 17025:2017)

Al Masfoufa Engineering Laboratory Behind LuLu Hypermarket, Sanaiya, Al Ain P.O. Box : 84618, Al Ain,
United Arab Emirates, Abu Dhabi, United Arab Emirates

Issue Date: 24/03/2025

Expiry Date: 11/07/2026

Issue No: 7

Civil engineering	Soil	Standard Penetration Test (SPT)	ASTM D 1586-18	S
Civil engineering	Soil	Split-Barrel Sampling of Soil	ASTM D 1586-18	S
Civil engineering	Rock	Rock Sampling	ASTM D 2113-14	S
Civil engineering	Rock	Preparing and Transporting Rock S Core Samples	ASTM D 5079-08	S
Civil engineering	Groundwater	Groundwater Monitoring and Sampling	BS 5930:2015, Sec. 4, Cl. 26	S
Civil engineering	Rock	Determining Rock Quality Designation (RQD) of Rock Core	ASTM D 6032/ D6032M-17	P / S
Civil engineering	Soil	Description and Identification of Soil (Visual-Manual Procedure)	ASTM D2488-17e1	P / S
Civil engineering	Soil	Determination of Liquid Limit, Plastic Limit and Plasticity Index of Soil	BS EN ISO 17892-12:2018+A2:2022, Cl. 5.4,5.5,6.3,6.4,6.5,7.0 / BS 1377-2:2022 Cl. 5.4, 6	P

This is an electronic certificate and does not require stamp and signature. Certificate will be invalid in case of any modification.



هذه الشهادة صدرت إلكترونياً ولا تحتاج لختم أو توقيع، أي كشط أو تغيير في هذه الشهادة يلغيها.



Accreditation Scope

Al Masfoufa Engineering Lab for Geotechnical Sole Proprietorship L.L.CS, NAL 035
Testing Laboratory, (ISO/IEC 17025:2017)

Al Masfoufa Engineering Laboratory Behind LuLu Hypermarket, Sanaiya, Al Ain P.O. Box : 84618, Al Ain,
United Arab Emirates, Abu Dhabi, United Arab Emirates

Issue Date: 24/03/2025

Expiry Date: 11/07/2026

Issue No: 7

Civil engineering	Rock	Determination of Liquid Limit, Plastic Limit and Plasticity Index of Soil	ASTM D 4543-19	P
Civil engineering	Rock	Compressive Strength of Elastic Moduli of Intact Rock Core Specimens under Varying States of Stress and Temperature (UCS)	ASTM D 7012-14ε1, Method C	P
Civil engineering	Rock	Determining Point Load Strength Index of Rock and Application to Rock Strength Classifications	ASTM D 5731-16	P
Civil engineering	Soil	Determination of Water (Moisture) Content of Soil by Mass	BS 1377-2:2022 Cl. 4.1 / BS EN ISO 17892-1:2014+A1:2022	P
Civil engineering	Soil	Determination of Particle Size Distribution of Soil (Wet and Dry Sieving Methods)	BS 1377-2:2022 Cl. 10 / BS EN ISO 17892-4:2016, Cl. 5.2	P

This is an electronic certificate and does not require stamp and signature. Certificate will be invalid in case of any modification.



هذه الشهادة صدرت إلكترونياً ولا تحتاج لختم أو توقيع، أي كشط أو تغيير في هذه الشهادة يلغيها.



Accreditation Scope

Al Masfoufa Engineering Lab for Geotechnical Sole Proprietorship L.L.CS, NAL 035
Testing Laboratory, (ISO/IEC 17025:2017)

Al Masfoufa Engineering Laboratory Behind LuLu Hypermarket, Sanaiya, Al Ain P.O. Box : 84618, Al Ain,
United Arab Emirates, Abu Dhabi, United Arab Emirates

Issue Date: 24/03/2025

Expiry Date: 11/07/2026

Issue No: 7

Civil engineering	Soil	Determination of Particle Size Distribution using Sedimentation by the Hydrometer Method	BS 1377-2:2022 / BS EN ISO 17892-4:2016, Cl. 5.3	P
Civil engineering	Soil & Rock	Determination of Water (moisture) Content of Soil & Rock by Mass	ASTM D 2216-19	P
Construction materials and building	Soil	Determination of Water Soluble Sulphate Content of Soil	BS 1377-3:2018+A1:2021 Cl.7.2, 7.3 & 7.6	P
Construction materials and building	Soil	Determination of Water Soluble Chloride Content of Soil	BS 1377-3:2018+A1:2021 Cl. 9.2	P
Construction materials and building	Soil	Determination of pH Value of Soil	BS 1377-3:2018 Cl. 12	P
Construction materials and building	Soil	Determination of Acid Soluble Sulphate Content of Soil	BS 1377-3:2018+A1:2021 Cl.7.2, 7.6 & 7.9	P
Construction materials and building	Soil	Determination of Acid Soluble Chloride Content of Soil	BS 1377-3:2018+A1:2021 Cl. 9.3	P

This is an electronic certificate and does not require stamp and signature. Certificate will be invalid in case of any modification.



هذه الشهادة صدرت إلكترونياً ولا تحتاج لختم أو توقيع، أي كشط أو تغيير في هذه الشهادة يلغيها.



Accreditation Scope

Al Masfoufa Engineering Lab for Geotechnical Sole Proprietorship L.L.CS, NAL 035
Testing Laboratory, (ISO/IEC 17025:2017)

**Al Masfoufa Engineering Laboratory Behind LuLu Hypermarket, Sanaiya, Al Ain P.O. Box : 84618, Al Ain,
United Arab Emirates, Abu Dhabi, United Arab Emirates**

Issue Date: 24/03/2025

Expiry Date: 11/07/2026

Issue No: 7

Construction materials and building	Groundwater	Determination of Sulphate Content of Groundwater	BS 1377-3:2018+A1:2021 Cl. 7.2, 7.6,7.8	P
Construction materials and building	Groundwater	Determination of Chloride Content of Groundwater	BS 1377-3:2018+A1:2021 Cl. 9.2	P
Construction materials and building	Groundwater	Determination of pH Value of Groundwater	BS 1377-3:2018+A1:2021 Cl. 12	P
Civil engineering	NA	Reporting	BS 5930:2015, Sec. 10	P
Civil engineering	Soil	MASW Streamer Equipment	ASTM D5777/D6429/MASW/All Equipment	S
Civil engineering	Soil	Acquisition procedures on the site	ASTM D5777/D6429/MASW/All Equipment	S
Civil engineering	Soil	Data Processing Software	ASTM D577/D6429/MASW/All Equipment	S
END				

This is an electronic certificate and does not require stamp and signature. Certificate will be invalid in case of any modification.



هذه الشهادة صدرت إلكترونياً ولا تحتاج لختم أو توقيع، أي كشط أو تغيير في هذه الشهادة يلغيها.