



# Accreditation Scope

Independent Laboratories LLC, NAL 211  
Testing Laboratory, (ISO/IEC 17025:2017)  
Sajaa, Sharjah, Sharjah, United Arab Emirates

Issue Date: 20/05/2024  
Issue No: 1

Expiry Date: 19/05/2027

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	Hardened Concrete	Method of Normal Curing of test specimens at (20 degree Celsius method)	BS EN 12390 Part 2 : 2019	P
Construction materials and building	Hardened Concrete	Method for Determination of density of hardened concrete	BS EN 12390 Part 7 : 2019	P
Construction materials and building	Hardened Concrete	Method for Determination of compressive strength of Concrete Cubes	BS EN 12390 Part 3 : 2009	P
Construction materials and building	Fresh Concrete	Slump Test	BS EN 12350-2:2019	P/S
Construction materials and building	Fresh Concrete	Air Content- Pressure Methods	BS EN 12350-7:2019	P/S
Construction materials and building	Soil	In Situ Tests - Large Pouring Cylinder method	BS 1377-9:1990 Cl 2.2	S

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Construction materials and building	Soil	Compaction Related Test - Method using 4.5kg rammer	BS 1377-4:1990 Cl 3.5/3.6	P
Construction materials and building	Soil	Classification Related Test Water (Moisture) Content of Soil Sample- Oven Drying Method	BS 1377-2:2022 Cl 4.1	P
Construction materials and building	Soil	Determination of Particle Size Distribution	BS EN ISO 17892-4:2016	P
Construction materials and building	Soil	Determination of Particle Size Distribution	BS 1377-2:2022, Cls 9.2 & 9.3	P
Construction materials and building	Soil	Determination of the vertical deformation and strength characteristics of soil by the plate loading test.	BS 1377-9:1990 Cl.4.1	S
Construction materials and building	Rock	Weight Distribution of Quarried Stone (Rock Grading)	BS EN 13383-2:2013, Cls 5	S
Construction materials and building	Rock	Shape Index (Length-to-Thickness Ratio of Quarried Stone)	BS EN 13383-2:2013	P/S

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Construction materials and building	Rock	Drop Test Breakage Index	BS EN 13383-2:2013	S
Construction materials and building	Aggregate	Determination of Particle Size Distribution - Sieving method	BS EN 933-1:2012	P
Construction materials and building	Aggregate	Clay Silt & Dust	BS EN 933-1:2012	P
Construction materials and building	Aggregate	Standard test method for Material Finer than 75micron(no.200) sieve in mineral aggregates by washing	ASTM C117-17	P
Construction materials and building	Aggregate	Flakiness Index	BS 812-105.1:1990	P
Construction materials and building	Aggregate	Elongation Index of course aggregate	BS 812-105.2:1990	P
Construction materials and building	Aggregate	Standard test method for Relative Density (Specific Gravity),and Absorption of Fine Aggregate	ASTM C128-22	P

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Construction materials and building	Aggregate	Standard test method for Relative Density(Specific Gravity) and Absorption of Coarse Aggregate	ASTM C127-15	P
Construction materials and building	Asphalt	Standard test method for Bulk Specific Gravity and Density of Non-Absorptive Compacted Bituminous Mixtures	ASTM D 2726 / D2726M-21	P
Construction materials and building	Asphalt	Standard test method for Thickness or Height of Compacted Bituminous Paving Mixture Specimens	ASTM D 3549 / D3549M-18 (2023)	P
Civil engineering	Geotechnical	Soil-Penetration Resistance using Split Barrel Sampler	BS 1377-9:1990, Cls. 3.3 Amd. 8264:1995 (Partially Replaced, Superseded)	S
Civil engineering	Geotechnical	Ground Water Level Measurement	BS 5930:2015+A1 2020, Cl.52.2, 52.3, 52.5 and 52.10	S
Civil engineering	Geotechnical	Ground Water Sampling	BS 5930:2015+A1 2020, Cl.26.4	S

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Civil engineering	Geotechnical	Soil and Rock Sampling	BS 5930:2015+A1 2020, Cl.25	S
Civil engineering	Geotechnical	Soil and Rock Description	BS 5930:2015+A1 2020, Cl.33 and 36	P
Civil engineering	Geotechnical	Rock Quality Designation	BS 5930:2015+A1 2020, Section 6	S
Civil engineering	Geotechnical	Core Recovery	BS 5930:2015+A1 2020, Section 6	S
Civil engineering	Geotechnical	Reporting	BS 5930:2015+A1 2020, Section 10	P
Environment	Environmental Monitoring	Measurement of Airborne pollutants Indoor Air (Temp. RH, NO <sub>2</sub> , NH <sub>3</sub> , SO <sub>2</sub> , CH <sub>2</sub> O, CO, H <sub>2</sub> S, O <sub>2</sub> , O <sub>3</sub> , CO <sub>2</sub> , VOC)	ISTL-SOP-EM-001, In Combination with Technical Guidance Document- Environment Agency- Abu Dhabi, 1999 & Green Buildings Regulations & Specifications, Dubai Municipality; Section 4- Building vitality, Table 102.2(1), 2001	S
Environment	Environmental Monitoring	Determination of Airborne Particulate Matter (PM) of Size PM <sub>10</sub> , PM <sub>7</sub> , PM <sub>4</sub> , PM <sub>2.5</sub> , PM <sub>1</sub> (Indoor)	ISTL-SOP-EM-002, In Combination with USEPA, SECTION 01 81 09:2007 & BS EN 60079-29-2:2007	S

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Environment	Environmental Monitoring	Determination of Nitrogen Oxides, CO, CO <sub>2</sub> , SO <sub>2</sub> , O <sub>2</sub> , and CxHy Emissions from stationary and combustion sources, boilers and incinerators using portable flue gas analyzers	ISTL-SOP-EM-003, In Combination with CTM 034:1999, 40 CFR 60:1991, Appendix A to Part 60, USEPA Method 1:2023— Sample and Velocity Traverses for Stationary Sources, Method 7E:2020— Determination of Nitrogen Oxides Emissions From Stationary Sources (Instrumental Analyzer Procedure), & ASTM D6522-20	S
Environment	Environmental Monitoring	Determination of Stack Gas Monitoring(Isokinetic sampling)	USEPA Method 1:2023—Sample and velocity traverses for stationary sources, & USEPA Method 2:2017— Determination of stack gas velocity and volumetric flow rate (Type S pitot tube)	S

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Environment	Environmental Monitoring	Determination of Stack Velocity	USEPA Method 1:2023	S
Environment	Environmental Monitoring	Determination of Stack Temperature	USEPA Method 2:2017	S
Environment	Environmental Monitoring	Determination of Ambient Air Quality for (SO <sub>2</sub> , NO <sub>2</sub> , O <sub>3</sub> , CO, H <sub>2</sub> S, NH <sub>3</sub> , TSP, RSPM (10, 2.5), Temp, RH, Wind Speed, Wind Direction)	ISTL-SOP-EM-004 In Combination with US-EPA Emission Monitoring Centre Conditional Testing Methods & BS EN 60079-29-2:2007	S
Environment	Environmental Monitoring	Determination of Environmental and Occupational Noise	ISTL-SOP-EM-005 In Combination with ISO 1996-1:2003, ISO 1996-2:2007 Noise Measurement Manual, Department of Environment and Heritage Protection, Qunsland, Australia, 2013	S
Environment	Environmental Monitoring	Illumination level at work place	ISTL-SOP-EM-009 In Combination with BS 667:2005	S
<b>END</b>				

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