



INTERNATIONAL  
ACCREDITATION  
SERVICE®

# CERTIFICATE OF ACCREDITATION

*This is to attest that*

## **ADVANCED CONSTRUCTION TECHNOLOGY SERVICES - QATAR**

ADDRESS 1: BUILDING NO 5, ZONE 57, STREET 531 (STREET 13 LAB)

ADDRESS 2: BUILDING NO 1, ZONE 57, STREET 565 (STREET 4 LAB)

DOHA, QATAR

### **Testing Laboratory TL-558**

has met the requirements of AC89, *IAS Accreditation Criteria for Testing Laboratories*, and has demonstrated compliance with ISO/IEC Standard 17025:2017, *General requirements for the competence of testing and calibration laboratories*. This organization is accredited to provide the services specified in the scope of accreditation.

Effective Date November 25, 2025



*International Accreditation Service*  
Issued under the authority of IAS management

Visit [www.iasonline.org](http://www.iasonline.org) for current accreditation information.

# SCOPE OF ACCREDITATION

International Accreditation Service, Inc.

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## ADVANCED CONSTRUCTION TECHNOLOGY SERVICES - QATAR

[www.acts-int.com](http://www.acts-int.com)

**Contact Name** Chegust Rubin Mora

**Contact Phone** +974-30306234

*Accredited to ISO/IEC 17025:2017*

*Effective Date November 25, 2025*

Category	Standard/ Method No. / Date	Standard/ Method Title & Section	Location / Facility
Admixture	ASTM E70	pH of Aqueous Solutions With the Glass Electrode	Street 13/ Chemistry
Admixture	ASTM D891 (B)	Standard Test Methods for Specific Gravity, Apparent, of Liquid Industrial Chemicals (Density by pycnometer)	Street 13/ Chemistry
Admixture	ASTM C494/C494M (18.2)	Standard Specification for Chemical Admixtures for Concrete (Residue by Oven Drying)	Street 13/ Chemistry
Aggregate	AASHTO T304	Uncompacted Void Content of Fine Aggregate	Street 13/ Aggregate
Aggregate	ASTM C40	Standard Test Method for Organic Impurities in Fine Aggregates for Concrete	Street 13/ Aggregate
Aggregate	ASTM C88	Standard Test Method for Soundness of Aggregates by Use of Sodium Sulfate or Magnesium Sulfate	Street 13/ Aggregate
Aggregate	ASTM C117, Procedure A	Standard Test Method for Materials Finer than 75-µm (No. 200) Sieve in Mineral Aggregates by Washing <sup>1</sup>	Street 13/ Aggregate
Aggregate	ASTM C123	Lightweight Particles in Aggregate	Street 13/ Aggregate
Aggregate	ASTM C127	Standard Test Method for Density, Relative Density (Specific Gravity), and Absorption of Coarse Aggregate	Street 13/ Aggregate
Aggregate	ASTM C128	Standard Test Method for Density, Relative Density (Specific Gravity), and Absorption of Fine Aggregate	Street 13/ Aggregate
Aggregate	ASTM C131/C131M	Standard Test Method for Resistance to Degradation of Small- Size Coarse Aggregate by Abrasion and Impact in the Los Angeles Machine	Street 13/ Aggregate
Aggregate	ASTM C136	Standard Test Method for Sieve Analysis of Fine and Coarse Aggregates	Street 13/ Aggregate
Aggregate	ASTM C142	Standard Test Method for Clay Lumps and Friable Particles in Aggregates	Street 13/ Aggregate

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Category	Standard/ Method No. / Date	Standard/ Method Title & Section	Location / Facility
Aggregate	ASTM C535	Standard Test Method for Resistance to Degradation of Large- Size Coarse Aggregate by Abrasion and Impact in the Los Angeles Machine1	Street 13/ Aggregate
Aggregate	ASTM C702	Standard Practice for Reducing Samples of Aggregate to Testing Size	Site/ Street 13/ Aggregate
Aggregate	ASTM C1252	Uncompacted Void Content of Fine Aggregate	Street 13/ Aggregate
Aggregate	ASTM D546	Sieve analysis of Mineral filler	Street 13/ Aggregate
Aggregate	ASTM D4791, Method A	Standard Test Method for Flat Particles, Elongated Particles, or Flat and Elongated Particles in Coarse Aggregate	Street 13/ Aggregate
Aggregate	ASTM D5821	Determining the Percentage of Fractured Particles in Coarse Aggregate	Street 13/ Aggregate
Aggregate	BS 812-110	Determination of aggregate crushing value	Street 13/ Aggregate
Aggregate	BS 812-111	Determination of ten percent fines value	Street 13/ Aggregate
Aggregate	BS 812-112	Determination of aggregate impact value	Street 13/ Aggregate
Aggregate	BS EN 933-1	Tests for geometrical properties of aggregates. Determination of particle size distribution. Sieving method	Street 13/ Aggregate
Aggregate	BS EN 933-3	Tests for geometrical properties of aggregates. Determination of particle shape. Flakiness index	Street 13/ Aggregate
Aggregate	BS EN 933-7	Determination of Shell Content	Street 13/ Aggregate
Aggregate	BS EN 933 Part 9	Methylene Blue Test	Street 13/ Aggregate
Aggregate	BS EN 1097-6	Determination of Particle density and water absorption	Street 13/ Aggregate
Aggregate	BS EN 1744-1 +A1: C7	Tests for chemical properties of aggregates; Clause7 Determination of water soluble chloride salts using the Volhard Method	Street 13/ Chemistry
Aggregate	BS EN 1744-1 +A1: C10	Tests For Chemical Properties of Aggregates; Clause10 Determination of Water Soluble Sulphates	Street 13/ Chemistry
Aggregate	BS EN 1744-1 +A1 C12	Acid-soluble Sulfate in Aggregates	Street 13/ Chemistry
Aggregate	BS EN 1744-5	Acid-soluble Chloride in Aggregates	Street 13/ Chemistry
Aggregate	QCS 2018, Section 06, Part 09 & in-house Method	High density materials	Street 13/ Aggregate

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Aggregate	QCS 2018, Section 06, Part 09 & in-house Method	Low density/crushable materials	Street 13/ Aggregate
Aggregate	QCS 2018, Section 06, Part 09 & in-house Method	Compressible materials	Street 13/ Aggregate
Aggregate	BS EN 933-11	Tests for geometrical properties of aggregates - Classification test for the constituents of coarse recycled aggregate (Floating Particle of Aggregate)	Street 13/ Aggregate
Air Monitoring	Inhouse Method	Air Quality Monitoring Station (O3, NO2, SO2, PM2.5, PM 10, PM 1 and metrological data)	Environmental
Air Monitoring	In-house method	Carbon Dioxide (CO2)	Environmental
Air Monitoring	In-house method	Carbon Monoxide (CO)	Environmental
Air Monitoring	In-house method	Hydrogen Sulfide (H2S)	Environmental
Air Monitoring	In-house method	Methane	Environmental
Air Monitoring	In-house method	Noise	Environmental
Air Monitoring	In-house method	PID (VOC)	Environmental
Building	ASTM E283/E283M	Standard Test Method for Determining Rate of Air Leakage Through Exterior Windows, Skylights, Curtain Walls, and Doors Under Specified Pressure Differences Across the Specimen	Field
Building	ASTM E331	Water Penetration of Exterior Windows, Skylights, Doors, and Curtain Walls by Uniform Static Air Pressure Difference	Field
Building	ASTM E783	Field Measurement of Air Leakage Through Installed Exterior Windows and Doors	Field
Building	ASTM E1105	Field Determination of Water Penetration of Installed Exterior Windows, Skylights, Doors, and Curtain Walls, by Uniform or Cyclic Static Air Pressure Difference	Field
Cementitious Materials	ASTM C114	Standard Test Methods For Chemical Analysis for hydraulic Cement. Sec. 18. Loss On Ignition.	Street 13/ Chemistry
Cementitious Materials	ASTM C183	Method of sampling of cement	Site/ Cement
Cementitious Materials	ASTM C311/C311M C11 & C12	Standard Test Methods For Sampling And Testing Fly ash of Natural Pozzolans For Use In Portland Cement Concrete/ Moisture Content	Street 13/ Chemistry
Cementitious Materials	ASTM C311/C311M C13 & C14	Sampling and Testing Fly Ash or Natural Pozzolans for Use in Portland-Cement Concrete / Loss on Ignition	Street 13/ Chemistry
Cementitious Materials	ASTM C1064	Standard Test Method for Temperature of Freshly Mixed Hydraulic-Cement Concrete	Site/ Concrete

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Category	Standard/ Method No. / Date	Standard/ Method Title & Section	Location / Facility
Cementitious Materials	ASTM C1240	Standard Specification for Silica Fume Used in Cementitious Mixtures/ Moisture content and Loss on Ignition.	Street 13/ Chemistry
Cementitious Materials	ASTM C1240 C11	Moisture and Loss on Ignition of Microsilica	Street 13/ Chemistry
Cementitious Materials	BS EN 196-2, C4.5.5 to 4.5.6	Chemical Analysis of cement (SiO <sub>2</sub> )	Street 13/ Chemistry
Cementitious Materials	BS EN 196-2 C4.5.10	Chemical Analysis of cement (Fe <sub>2</sub> O <sub>3</sub> )	Street 13/ Chemistry
Cementitious Materials	BS EN 196-2 C4.5.11	Chemical Analysis of cement (Al <sub>2</sub> O <sub>3</sub> )	Street 13/ Chemistry
Cementitious Materials	BS EN 196-2 C4.5.14	Chemical Analysis of cement (CaO)	Street 13/ Chemistry
Cementitious Materials	BS EN 196-2 C4.5.15	Chemical Analysis of cement (MgO)	Street 13/ Chemistry
Cementitious Materials	BS EN 196-2 C4.5.16	Chemical Analysis of cement (Cl)	Street 13/ Chemistry
Cementitious Materials	BS EN 196-2 C4.5.19	Chemical Analysis of cement (Alkalis)	Street 13/ Chemistry
Cementitious Materials	BS EN 196-2 C7	Method of testing cement-Part 2 Chemical analysis of cement; Determination of loss on ignition	Street 13/ Chemistry
Cementitious Materials	BS EN 196-2 C8	Method of testing cement-Part 2 Chemical analysis of cement; Clause 8 Determination of sulphate.	Street 13/ Chemistry
Cementitious Materials	BS EN 196-5	Pozzolanicity Test of Pozzolanic Cement	Street 13/ Chemistry
Cementitious Materials	BS EN 196-6 C4	Fineness by Blaine Air- Permeability Apparatus	Street 13/ Chemistry
Cementitious Materials	BS EN 480-8	Determination of the conventional dry material content in Admixtures	Street 13/ Chemistry
Concrete	ASTM C900	Pullout Strength of Hardened Concrete	Site
Concrete	BS 1881-124 C10.2, C12.1	Testing concrete. Methods for analysis of hardened concrete/Acid soluble chloride in concrete	Street 13/ Chemistry
Concrete	BS 1881-124 C10.3, C12.2	Testing concrete. Methods for analysis of hardened concrete/Acid soluble sulphate in concrete	Street 13/ Chemistry
Emulsified Asphalt	ASTM D7496	Viscosity of Emulsified Asphalt by Saybolt Furol Viscometer	Street 13/ Asphalt
Environmental	APHA 3500-Cr B	Chromium (VI)	Street 13/ Chemistry
Environmental	APHA/AWWA 4500- P D&C	Phosphorous (total)	Street 13/ Chemistry
Environmental	APHA/AWWA/ 4500- SiO <sub>2</sub> -C	Total Silicates	Street 13/ Chemistry
Environmental	APHA/AWWA-9223B IDEXX method	Fecal Coliform	Street 13/ Chemistry

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Category	Standard/ Method No. / Date	Standard/ Method Title & Section	Location / Facility
Environmental	SMWW 2310 B	Acidity by Titration Method	Street 13/ Chemistry
Environmental	SMWW 2130 B	Turbidity	Street 13/ Chemistry
Environmental	SMWW 2320 B	Bicarbonate by Titration method	Street 13/ Chemistry
Environmental	SMWW 2320 B	Carbonate by Titration method	Street 13/ Chemistry
Environmental	SMWW 2320 B	P-Alkalinity by Titration method	Street 13/ Chemistry
Environmental	SMWW 2320 B	Total Alkalinity by Titration method	Street 13/ Chemistry
Environmental	SMWW 2340 C	Total Hardness	Street 13/ Chemistry
Environmental	SMWW 2510 B	Conductivity	Street 13/ Chemistry
Environmental	SMWW 2520 B	Salinity by Conductivity Method	Street 13/ Chemistry
Environmental	SMWW 2540 B	Total Solids	Street 13/ Chemistry
Environmental	SMWW 2540 C	Total Dissolved Solids	Street 13/ Chemistry
Environmental	SMWW 2540 C	Total Volatile Dissolved Solids	Street 13/ Chemistry
Environmental	SMWW 2540 D	Total Suspended Solids	Street 13/ Chemistry
Environmental	SMWW 2540 D	Total Volatile Suspended Solids	Street 13/ Chemistry
Environmental	SMWW 2540 F	Settleable Solids	Street 13/ Chemistry
Environmental	SMWW 2550	Temperature	Street 13/ Chemistry
Environmental	SMWW 3120 / USEPA 6010C, Metals by Plasma Emission	Aluminum	Street 13/ Chemistry
Environmental	SMWW 3120 / USEPA 6010C, Metals by Plasma Emission	Antimony	Street 13/ Chemistry
Environmental	SMWW 3120 / USEPA 6010C, Metals by Plasma Emission	Arsenic	Street 13/ Chemistry
Environmental	SMWW 3120 / USEPA 6010C, Metals by Plasma Emission	Barium	Street 13/ Chemistry
Environmental	SMWW 3120 / USEPA 6010C, Metals by Plasma Emission	Beryllium	Street 13/ Chemistry
Environmental	SMWW 3120 / USEPA 6010C, Metals by Plasma Emission	Boron	Street 13/ Chemistry
Environmental	SMWW 3120 / USEPA 6010C, Metals by Plasma Emission	Cadmium	Street 13/ Chemistry

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Category	Standard/ Method No. / Date	Standard/ Method Title & Section	Location / Facility
Environmental	SMWW 3120 / USEPA 6010C, Metals by Plasma Emission	Calcium	Street 13/ Chemistry
Environmental	SMWW 3120 / USEPA 6010C, Metals by Plasma Emission	Chromium	Street 13/ Chemistry
Environmental	SMWW 3120 / USEPA 6010C, Metals by Plasma Emission	Cobalt	Street 13/ Chemistry
Environmental	SMWW 3120 / USEPA 6010C, Metals by Plasma Emission	Copper	Street 13/ Chemistry
Environmental	SMWW 3120 / USEPA 6010C, Metals by Plasma Emission	Iron	Street 13/ Chemistry
Environmental	SMWW 3120 / USEPA 6010C, Metals by Plasma Emission	Lead	Street 13/ Chemistry
Environmental	SMWW 3120 / USEPA 6010C, Metals by Plasma Emission	Lithium	Street 13/ Chemistry
Environmental	SMWW 3120 / USEPA 6010C, Metals by Plasma Emission	Magnesium	Street 13/ Chemistry
Environmental	SMWW 3120 / USEPA 6010C, Metals by Plasma Emission	Manganese	Street 13/ Chemistry
Environmental	SMWW 3120 / USEPA 6010C, Metals by Plasma Emission	Mercury	Street 13/ Chemistry
Environmental	SMWW 3120 / USEPA 6010C, Metals by Plasma Emission	Molybdenum	Street 13/ Chemistry
Environmental	SMWW 3120 / USEPA 6010C, Metals by Plasma Emission	Nickel	Street 13/ Chemistry

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Environmental	SMWW 3120 / USEPA 6010C, Metals by Plasma Emission	Phosphorous	Street 13/ Chemistry
Environmental	SMWW 3120 / USEPA 6010C, Metals by Plasma Emission	Potassium	Street 13/ Chemistry
Environmental	SMWW 3120 / USEPA 6010C, Metals by Plasma Emission	Selenium	Street 13/ Chemistry
Environmental	SMWW 3120 / USEPA 6010C, Metals by Plasma Emission	Silicon	Street 13/ Chemistry
Environmental	SMWW 3120 / USEPA 6010C, Metals by Plasma Emission	Silver	Street 13/ Chemistry
Environmental	SMWW 3120 / USEPA 6010C, Metals by Plasma Emission	Sodium	Street 13/ Chemistry
Environmental	SMWW 3120 / USEPA 6010C, Metals by Plasma Emission	Thallium (Tl)	Street 13/ Chemistry
Environmental	SMWW 3120 / USEPA 6010C, Metals by Plasma Emission	Vanadium	Street 13/ Chemistry
Environmental	SMWW 3120 / USEPA 6010C, Metals by Plasma Emission	Zinc	Street 13/ Chemistry
Environmental	SMWW 3120 B / USEPA 6010C	Tin by ICP-AES Method	Street 13/ Chemistry
Environmental	SMWW 3120 B / USEPA 6010C	Titanium by ICP-AES Method	CHEMISTRY
Environmental	SMWW 3500-Ca B	Calcium by Hardness	Street 13/ Chemistry
Environmental	SMWW 3500-Mg B	Magnesium by Calculation	Street 13/ Chemistry
Environmental	SMWW 4500-B	Chloride	Street 13/ Chemistry
Environmental	SMWW 4500-Cl <sup>-</sup> G	Residual Chlorine	Street 13/ Chemistry
Environmental	SMWW 4500-Cl G	Total Chlorine	Street 13/ Chemistry
Environmental	SMWW 4500-H <sup>+</sup> B	pH	Street 13/ Chemistry
Environmental	SMWW 4500-NO <sub>2</sub> <sup>-</sup> B	Nitrite Nitrogen by Colorimetric Method	Street 13/ Chemistry

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Category	Standard/ Method No. / Date	Standard/ Method Title & Section	Location / Facility
Environmental	SMWW 4500-NO <sub>3</sub> <sup>-</sup> D	Nitrogen Nitrate	Street 13/ Chemistry
Environmental	SMWW 4500-S <sup>2-</sup> F	Sulphide	Street 13/ Chemistry
Environmental	SMWW 4500-SO <sub>4</sub> <sup>2-</sup> C	Sulphate	Street 13/ Chemistry
Environmental	SMWW 5210 B / 4500-O C or G	Biochemical Oxygen Demand (BOD)	Street 13/ Chemistry
Environmental	SMWW 5520 B	Oil & Grease	Street 13/ Chemistry
Environmental	SMWW 5220 D	Chemical Oxygen Demand (COD)	Street 13/ Chemistry
Environmental	SMWW 5310 B / USEPA 9060	Total Organic Carbon (TOC) by High Temperature Combustion Method	Street 13/ Chemistry
Environmental	SMWW 9223 B	<i>E. coli</i> by Enzyme Substrate Method	Street 13/ Chemistry
Environmental	SMWW 9223 B	Total Coliform by Enzyme Substrate Method	Street 13/ Chemistry
Environmental	USEPA 8260C/5021A	Volatile Organic Compounds (VOCs) BTEX	Street 13/ Chemistry
Environmental	USEPA 8270D	Semi-volatile Organic Compounds (SVOC) by GC/MS	Street 13/ Chemistry
Environmental	ASTM D3249	Air Quality Monitoring: Particulate Matter (PM 100, 10, 2.5, 1.0); Ozone (O <sub>3</sub> ); Carbon Monoxide (CO); Sulfur Dioxide (SO <sub>2</sub> ); Nitrogen Oxide (NO); Nitrogen Dioxide (NO <sub>2</sub> ); Hydrogen Sulfide (H <sub>2</sub> S); Total Volatile Organic Compounds (TVOC)	Site/ Environmenta
Environmental	ASTM E1014	Noise Monitoring: Leq (Equivalent Continuous Sound Level); Lmax (Maximum Sound Level); Lmin (Minimum Sound Level); L10, L50, L90;	Site/ Environmenta
Environmental	SMWW 24th Ed. 4500-F D	Fluoride Test (SPADNS) Method	Street 13/ Chemistry
Environmental/ CNT	BS EN ISO 16283-1/ BS EN ISO 140-4/ BS EN ISO 16283- 3/ASTM E966	Acoustics. Field measurement of sound insulation in buildings and of building elements	Site/ CNT
Environmental/ CNT	ASTM E779	Standard Test Method for Determining Air Leakage Rate by Fan Pressurization	Site/ CNT
Geotechnical	AASHTO T256/ ASTM D4695	General Pavement Deflection Measurements	Site/ Geo
Geotechnical	ASTM D3967	Splitting Tensile Strength of Rock Core Specimen	Street 13/ Rock
Geotechnical	ASTM D4429	In Place California Bearing Ratio (CBR)	Site
Geotechnical	ASTM D4543	Standard Practices for Preparing Rock Core as Cylindrical Test Specimens and Verifying Conformance to Dimensional and Shape Tolerances	Street 13/ Rock
Geotechnical	ASTM D4644	Slake Durability of Rock Specimens	Street 13/ Rock
Geotechnical	ASTM D4945	Standard Test Method for High- Strain Dynamic Testing of Deep Foundations	Site/ Geo

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Geotechnical	ASTM D5334	Standard Test Method for Determination of Thermal Conductivity of Soil and Rock by Thermal Needle Probe Procedure	Site/ Geo
Geotechnical	ASTM D5731	Standard Test Method for Determination of the Point Load Strength Index of Rock and Application to Rock Strength Classifications	Street 13/ Rock
Geotechnical	ASTM D5882	Standard Test Method for Low Strain Impact Integrity Testing of Deep Foundations	Site/ Geo
Geotechnical	ASTM D6760	Standard Test Method for Integrity Testing of Concrete Deep Foundations by Ultrasonic Cross hole Testing	Site/ Geo
Geotechnical	ASTM D6951	Dynamic Cone Penetrometer for Shallow Pavements, DCPT	Site/ Geo
Geotechnical	ASTM D7012	Standard Test Methods for Compressive Strength and Elastic Moduli of Intact Rock Core Specimens under Varying States of Stress and Temperatures	Street 13/ Rock
Geotechnical	ASTM D7625	Abrasiveness of Rock Using CERCHAR Method	Street 13/ Rock
Geotechnical	ASTM G57	Soil Resistivity	Site/ Geo
Geotechnical	BS 1377-7: Sec. 4	Methods of Test for Soils for Civil Engineering Purposes. Shear Strength Tests (Total Stress), Direct Shear of Soil (Small Box)	Street 13/ Soil
Geotechnical	BS 1377-9: C3.3	Methods for test for soils for civil engineering purposes. In-situ tests (SPT)	Site/ Geo
Geotechnical	BS 1377-9: C4.1	Methods for Test for Soils For Civil Engineering Purposes. In- situ Tests (Plate Load Test)	Site/ Soil Street-13
Geotechnical	BS 1377-9: Sec. 4.3	Methods for test for soils for civil engineering purposes. In-situ tests, Field CBR	Site/ Geo
Geotechnical	BS 5930: Section 3 C22	Code of practice for site investigations. Soil Sampling	Site/ Geo
Geotechnical	BS 5930: Section 3 C23.3	Code of practice for site investigations. Groundwater sampling	Site/ Geo
Geotechnical	BS 5930: Section 4 C25	Code of practice for site investigations. Falling Head Permeability Test	Site/ Geo
Geotechnical	BS 5930: Section 4 C25.5	Code of practice for site investigations. Packer Test	Site/ Geo
Geotechnical	BS 5930: Section 6 C27, C47	Code of Practice for Site Investigations, Ground Water Level Measurement	Site/ Geo
Geotechnical	EN 13036-7	Road and Airfield Surface Characteristics - Test Methods - Part 7: Irregularity measurement of pavement courses - The straightedge test	Site/ Geo
Geotechnical	ISRM Suggested Method, part 1.3	Porosity/Density Determination Using Saturation and Buoyancy Techniques	Street 13/ Rock

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Geotechnical	ASTM D5777	Seismic Refraction	Site/ Geotechnical
Geotechnical	ASTM E2835	Light Weight Deflectometer (LWD)	Site/ Geotechnical
Geotechnical	ASTM D6431	Electrical Resistivity Tomography (ERT)	Site/ Geotechnical
Geotechnical	ASTM D6429	Multichannel Analysis of Surface Waves (MASW)	Site/ Geotechnical
Non Destructive	AAMA 501.2-03	Quality Assurance and Diagnostic Water Leakage Field Check of Installed Storefronts, Curtain Walls, and Sloped Glazing Systems	Site/ NDT
Non Destructive	ASTM C805	Standard Test Method for Rebound Number of Hardened Concrete	Site/ NDT
Non Destructive	ASTM D4541	Standard Test Method for Pull-Off Strength of Coatings Using Portable Adhesion Testers	Site/ NDT
Non Destructive	ASTM D4787/ ASTM D5162	Holiday Detection of Coating	Site/ NDT
Non Destructive	ASTM D7091 ASTM D6132	Coating Thickness Measurement	Site/ NDT
Non Destructive	ASTM E164	Ultrasonic Testing	NDT
Non Destructive	ASTM E165/ ASME - Sec. V	Dye Penetration Test	NDT
Non Destructive	ASTM E709/ ASME - Sec. V	Magnetic Particle Inspection	NDT
Non Destructive	ASTM E950 ASTM E1926	Road Surface Profiler	Site/ Geotechnical
Non Destructive	BS 1881-204	Testing Concrete. Recommendations on the Use of Electromagnetic Cover Meters	Site/ NDT
Non Destructive	BS EN 12504-4	Testing Concrete. Determination Of Ultrasonic Pulse Velocity	Site/ NDT
Non Destructive	Measurement of Crack Width & Monitoring on Site	Gauge Manual Method	Site/ NDT
Non Destructive	Measurement of Crack Width & Monitoring on Site	Microscope Manual Method	Site/ NDT
Paints & Varnishes	ASTM D1212	Measurement of Wet Film Thickness of Organic Coatings	Site
Paints & Varnishes	ASTM D1212	Measurement of Wet Film Thickness of Organic Coatings	Street 13/ Soil Lab
Paints & Varnishes	ASTM D1475	Density of Liquid Coatings, Inks & paints	Street 13/ Soil Lab
Paints & Varnishes	ASTM D2196	Rheological Properties of Non-Newtonian Materials by Rotational Viscometer	Street 13/ Soil Lab
Paints & Varnishes	ASTM D2369	Determination of Volatile Content of Coatings	Street 13/ Chemistry
Paints & Varnishes	ASTM D3723	Pigment Content of Water-Emulsion Paints by Low Temperature Ashing	Street 13/ Chemistry

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Category	Standard/ Method No. / Date	Standard/ Method Title & Section	Location / Facility
Paints & Varnishes	ASTM D4414	Wet Film Thickness by Notch Gauge	Site
Paints & Varnishes	ASTM D4541	Adhesion (Pull off ) strength	Site
Paints & Varnishes	BS EN 13197:2011+A1 Annex C	Wet Film Thickness by Notch Gauge	Site
Paints & Varnishes	BS EN ISO 787-9	Determination of pH value of Aqueous suspension	Street 13/ Chemistry
Paints & Varnishes	BS EN ISO 4624	Paints and varnishes — Pull-off test for adhesion except CI 6 & 7	Site
Road & Pavement	ASTM D1188	Bulk Specific Gravity and Density Using Coated Samples	Street 13/ Asphalt
Road and Pavement	ASTM D5	Standard Test Method for Penetration of Bituminous Materials	Street 13/ Asphalt
Road and Pavement	ASTM D6/D6M	Loss on Heating of Oil and Asphaltic Compounds	Street 13/ Asphalt
Road and Pavement	ASTM D36	Determination of softening point (ring and ball method)	Street 13/ Asphalt
Road and Pavement	ASTM D70	Determination of Density of Bitumen	Street 13/ Asphalt
Road and Pavement	ASTM D92	Standard Test Method for Flash and Fire Point by Cleveland Open Cup Tester	Street 13/ Asphalt
Road and Pavement	ASTM D95	Water in Petroleum Products and Bituminous Materials by Distillation	Street 13/ Asphalt
Road and Pavement	ASTM D113	Ductility of Bituminous Materials	Street 13/ Asphalt
Road and Pavement	ASTM D140	Sampling Bituminous Materials	Site/ Asphalt
Road and Pavement	ASTM D402	Distillation of Cutback Asphalt	Street 13/ Asphalt
Road and Pavement	ASTM D979	Standard Practice for Sampling Bituminous Paving Mixtures	Site/ Asphalt
Road and Pavement	ASTM D2041	Standard Test Method for Theoretical Maximum Specific Gravity and Density of Bituminous Paving Mixtures	Street 13/ Asphalt
Road and Pavement	ASTM D2042	Solubility in trichloroethylene	Street 13/ Asphalt
Road and Pavement	ASTM D2170/D2170M	Determination of Viscosity of Asphalt	Street 13/ Asphalt
Road and Pavement	ASTM D2172	Standard Test Methods for Quantitative Extraction of Bitumen From Bituminous Paving Mixtures	Street 13/ Asphalt
Road and Pavement	ASTM D2726	Standard Test Method for Bulk Specific Gravity and Density of Non-Absorptive Compacted Bituminous Mixtures	Street 13/ Asphalt

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Category	Standard/ Method No. / Date	Standard/ Method Title & Section	Location / Facility
Road and Pavement	ASTM D2872	Effect of heat and air on a moving film of asphalt (Rolling thin film oven test)	Street 13/ Asphalt
Road and Pavement	ASTM D2950	Density of Bituminous Concrete in Place by Nuclear Methods	Site/ NDT
Road and Pavement	ASTM D2995	Application Rate of Bituminous Materials	Site/ Asphalt
Road and Pavement	ASTM D3549 Method A	Standard Test Method for Thickness or Height of Compacted Bituminous Paving Mixture Specimens	Street 13/ Asphalt
Road and Pavement	ASTM D4402	Viscosity Determination using Rotational Viscometer (RV)	Street 13/ Asphalt
Road and Pavement	ASTM D5361	Standard Practice for Sampling Compacted Bituminous Mixtures for Laboratory Testing	Site/ Asphalt
Road and Pavement	ASTM D5444	Standard Test Method for Mechanical Size Analysis of Extracted Aggregate	Street 13/ Asphalt
Road and Pavement	ASTM D6521	Accelerated aging of asphalt binder using PAV	Street 13/ Asphalt
Road and Pavement	ASTM D6648	Flexural Creep Stiffness using the BBR	Street 13/ Asphalt
Road and Pavement	ASTM D6926	Standard Practice for Preparation of Bituminous Specimens Using Marshall Apparatus	Street 13/ Asphalt
Road and Pavement	ASTM D6931	Indirect Tensile (IDT) Strength of Asphalt Mixtures	Street 13/ Soil Lab
Road and Pavement	ASTM D7173	Separation Tendency of Polymers	Street 13/ Asphalt
Road and Pavement	ASTM D7175	Determining the Rheological Properties using DSR	Street 13/ Asphalt
Road and Pavement	ASTM D7405 AASHTO TP70	Multiple Creep and Recovery (MSCR), using Dynamic Shear Rheometer (DSR)	Street 13/ Asphalt
Road and Pavement	ASTM E303	Surface Frictional Properties using the British Pendulum Tester	Street 13/ Asphalt
Road and Pavement	BS 2000-58	Softening Point (Ring and Ball Method) of Thermoplastic Material	Street 13/ Asphalt
Road and Pavement	BS 3262-1 Ap. C Method C	Binder Content of Thermoplastic Material	Street 13/ Asphalt
Road and Pavement	BS 3262-3 Ap. B	Dry Film Thickness	Street 13/ Asphalt
Road and Pavement	BS EN 1426	Determination of Needle Penetration	Street 13/ Asphalt
Road and Pavement	BS EN 1427	Determination of Softening Point (Ring and Ball METHOD)	Street 13/ Asphalt
Road and Pavement	BS EN 12697-1 centrifuge extractor method	Soluble binder content	Street 13/ Asphalt
Road and Pavement	BS EN 12697-5	Bituminous mixtures. Test methods for hot mix asphalt. Determination of the maximum density	Street 13/ Asphalt

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Category	Standard/ Method No. / Date	Standard/ Method Title & Section	Location / Facility
Road and Pavement	BS EN 12697-6	Bituminous mixtures. Test methods for hot mix asphalt. Determination of bulk density of bituminous specimens	Street 13/ Asphalt
Road and Pavement	BS EN 12697-8	Bituminous mixtures. Test methods for hot mix asphalt. Determination of void characteristics of bituminous specimens	Street 13/ Asphalt
Road and Pavement	BS EN 12697-13	Bituminous mixtures. Test methods for hot mix asphalt. Temperature measurement	Street 13/ Asphalt
Road and Pavement	BS EN 12697-23	Determination of the indirect tensile strength of Bituminous specimens	Street 13/ Asphalt
Road and Pavement	BS EN 12697-27	Bituminous mixtures. Test methods for hot mix asphalt. Sampling	Street 13/ Asphalt
Road and Pavement	BS EN 12697-28	Bituminous mixtures. Test methods for hot mix asphalt. Preparation of samples for determining binder content, water content and grading	Street 13/ Asphalt
Road and Pavement	BS EN 12697-29	Bituminous mixtures. Test methods for hot mix asphalt. Determination of the dimensions of a bituminous specimen	Street 13/ Asphalt
Road and Pavement	BS EN 12697-30	Bituminous mixtures. Test methods for hot mix asphalt. Specimen preparation by impact compactor	Street 13/ Asphalt
Road and Pavement	BS EN 12697-34	Bituminous mixtures. Test methods for hot mix asphalt. Marshall test	Street 13/ Asphalt
Road and Pavement	QCS 2014 Section 06-05 Paragraph 16	Retained Stability (ASTM D6927)	Street 13/ Asphalt
Road and Pavement	ASTM E1710	Measurement of Retro-reflectivity of pavement marking materials	Site/ Street 13
Road and Pavement	BS EN 1436	Measurement of Retro-reflectivity of pavement marking materials	Site/ Street 13
Road and Pavement	ASTM D2493/D2493M	Standard Practice for Viscosity-Temperature Chart for Asphalt Binders (Lab Mixing & Compaction)	Street 13/ Asphalt
Rock	ASTM D5873	Determination of Rock Hardness by Rebound Hammer Method	Street 25/ Rock
Soil	ASTM C702	Standard Practice for Reducing Samples of Aggregate to Testing Size	Site/Street 13/ Soil
Soil	ASTM D75	Standard Practice for Sampling Aggregates	Site/ Aggregate
Soil	ASTM D1140	Material finer than 0.075mm sieve	Street 13/ Soil
Soil	ASTM D1556	Field Density (Sand Cone)	Street 13/ Soil
Soil	ASTM D1557	Lab compaction test using modified effort	Street 13/ Soil
Soil	ASTM D1883	Standard Test Method for California Bearing Ratio (CBR) of Laboratory- Compacted Soils	Site/Street 13/ Soil
Soil	ASTM D2216	Standard Test Methods for Laboratory Determination of Water (Moisture) Content of Soil and Rock by Mass	Street 13/ Soil

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Category	Standard/ Method No. / Date	Standard/ Method Title & Section	Location / Facility
Soil	ASTM C854	Standard Test Methods for Specific Gravity of Soil Solids by the Water Displacement Method	Site/Street 13
Soil	ASTM D2419	Standard Test Method for Sand Equivalent Value of Soils and Fine Aggregate	Site/ Street 13/ Soil
Soil	ASTM D4318	Liquid Limit, Plastic Limit, and Plasticity Index of soil	Street 13/ Soil
Soil	ASTM D4718	Correction of density and water content of soil	Street 13/ Soil
Soil	ASTM D4944	Standard Test Method for Field Determination of Water (Moisture) Content of Soil by the Calcium Carbide Gas Pressure Tester	Street 13
Soil	ASTM D6913	Standard Test Methods for Particle- Size Distribution (Gradation) of Soils Using Sieve Analysis	Street 13/ Soil
Soil	ASTM D6938	Field density (Nuclear)	Site/ Soil
Soil	BS 1377-2 C3.2	Methods of test for soils for civil engineering purposes. Classification tests. Moisture Content (Oven Drying)	Street 13/ Soil
Soil	BS 1377-2 Sec.4.3	Determination of Liquid Limit (Cone Penetrometer)	Street 13/ Soil
Soil	BS 1377-2 C4.5	Methods of test for soils for civil engineering purposes. Classification tests. Liquid Limit (Casagrande)	Street 13/ Soil
Soil	BS 1377-2 C5.0	Methods of test for soils for civil engineering purposes. Classification tests. Plastic Limit & Plasticity Index	Street 13/ Soil
Soil	BS 1377-2 C9.2	Methods of test for soils for civil engineering purposes. Classification tests. Wet Sieving	Street 13/ Soil
Soil	BS 1377-2 C9.3	Methods of test for soils for civil engineering purposes. Classification tests. Dry Sieving	Street 13/ Soil
Soil	BS 1377-3 C3	Organic Matter	Street 13/ Chemistry
Soil	BS 1377-3 C5.2, 5.5	Methods of test of soils for civil engineering purposes. Chemical and electro- chemical tests: Determination of water soluble sulphate	Street 13/ Chemistry
Soil	BS 1377-3 C5.3, 5.5	Methods of test of soils for civil engineering purposes. Chemical and electro- chemical tests: Determination of acid soluble sulphate	Street 13/ Chemistry
Soil	BS 1377-3 C7.2	Methods of test of soils for civil engineering purposes. Chemical and electro- chemical tests: Determination of water soluble chloride	Street 13/ Chemistry
Soil	BS 1377-3 C7.3	Methods of test of soils for civil engineering purposes. Chemical and electro- chemical tests: Acid soluble chloride	Street 13/ Chemistry
Soil	BS 1377-4 C3.5	Methods of test for soils for civil engineering purposes. Compaction-related tests. Dry Density	Street 13/ Soil
Soil	BS 1377-4 C3.6	Methods of test for soils for civil engineering purposes. Compaction-related tests	Street 13/ Soil

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Soil	BS 1377-4 C7.0	Methods of test for soils for civil engineering purposes. Compaction-related tests (CBR)	Site/ Soil
Soil	BS 1377-9 Sec. 2.2	Methods for Test for Soils for Civil Engineering Purposes. In- Situ Tests (Sand Replacement)	Street 13/ Soil
Soil	BS 1377-9 C2.5; BS EN 1997-2; BS EN ISO 22476-2 +A1; BS EN ISO 22476-3 +A1; BS EN ISO 22476-1	Methods for test for soils for civil engineering purposes. In-situ tests (Nuclear Gauge Method)	Site/ Street 13/ Soil
Soil	BS EN 933-8	Tests for geometrical properties of aggregates, Part 8: Assessment of fines — Sand equivalent test	Street 13/ Soil

## Annex A

Cementitious Materials	ASTM C187	Standard Test Method for Amount of Water Required for Normal Consistency of Hydraulic Cement Paste	Street 4
Cementitious Materials	ASTM C191	Standard Test Methods for Time of Setting of Hydraulic Cement by Vicat Needle	Street 4
Cementitious Materials	ASTM C359	Early stiffening of Portland cement	Street 4
Cementitious Materials	ASTM C939	Standard Test Method for Flow of Grout for Preplaced-Aggregate Concrete (Flow Cone Method)	Street 4
Cementitious Materials	ASTM C940	Standard Test Method for Expansion and Bleeding of Freshly Mixed Grouts for Preplaced-Aggregate Concrete in the Laboratory	Street 4
Cementitious Materials	ASTM C1012	Length change of cement mortars	Street 4
Cementitious Materials	ASTM C1240 C16	CL 16. Accelerated Pozzolanic Strength Activity Index with Portland Cement	Street 4
Cementitious Materials	BS EN 196-1	Methods of testing cement. Determination of Strength	Street 4
Cementitious Materials	BS EN 196-3	Determination of setting time of cement	Street 4
Cementitious Materials	BS EN 196-3	Standard Test Methods of testing cement. Determination of setting times and soundness	Street 4
Cementitious Materials	BS EN 196-7	Taking & preparing samples of cement	Street 4
Concrete	ASTM C31	Making and curing of concrete tests specimen	Site/ Street 4
Concrete	ASTM C39	Compressive strength of concrete cylindrical specimen	Site/ Street 4
Concrete	ASTM C42	Obtaining and testing of drilled cores and sawed beams	Site/ Street 4

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Concrete	ASTM C109	Standard Test Method for Compressive Strength of Hydraulic Cement Mortars (Using 2-in. or [50- mm] Cube Specimens)	Site/ Street 4
Concrete	ASTM C138	Density (Unit Weight), Yield, and Air Content (Gravimetric) of Concrete	Street 4
Concrete	ASTM C143	Slump Test	Site/ Street 4
Concrete	ASTM C172	Sampling of fresh concrete	Site/ Street 4
Concrete	ASTM C231	Air content test for fresh concrete by pressure method, Type B	Site/ Street 4
Concrete	ASTM C617	Capping of cylindrical concrete specimen (Sulfur Mortar - 6.2.4)	Street 4
Concrete	ASTM C989	Slag Cement for Use in Concrete and Mortars	Street 4
Concrete	ASTM C1202	Standard Test Method for Electrical Indication of Concrete's Ability to Resist Chloride Ion Penetration	Street 4
Concrete	ASTM C1231	Testing concrete cylinders using unbonded caps	Street 4
Concrete	ASTM C1385	Standard Practice for Sampling Materials for Shotcrete	Street 4
Concrete	ASTM C1611	Slump flow test for self- consolidated concrete	Street 4
Concrete	ASTM C1621	Passing Ability for Self- Consolidating Concrete by J-Ring	Street 4
Concrete	ASTM C1688	Density Determination of Pervious Concrete	Site/ Street 4
Concrete	ASTM C1701	Infiltration Test for In place Pervious Concrete	Site/ Street 4
Concrete	BS 1881-122	Testing concrete. Method for determination of water absorption	Street 4
Concrete	BS 1881-208	Testing concrete. Recommendations for the determination of the initial surface absorption of concrete	Street 4
Concrete	BS EN 12350-1	Testing fresh concrete. Sampling	Site/ Street 4
Concrete	BS EN 12350-2	Testing fresh concrete. Slump- test	Site/ Street 4
Concrete	BS EN 12350-5	Flow table test	Street 4
Concrete	BS EN 12350-9	Testing Fresh Concrete, Part 9: Self Compacting Concrete - V- funnel Test	Street 4
Concrete	BS EN 12350-10	Testing Fresh Concrete, Part 10: Self Compacting Concrete - L Box Test	Street 4
Concrete	BS EN 12390-2	Testing hardened concrete. Making and curing specimens for strength tests	Site/ Street 4
Concrete	BS EN 12390-3	Testing hardened concrete. Compressive strength of test specimens	Site/ Street 4
Concrete	BS EN 12390-7	Density of hardened concrete	Site/ Street 4
Concrete	BS EN 12390-8	Testing hardened concrete. Depth of penetration of water under pressure	Street 4
Concrete	BS EN 12504-1	Testing concrete in structures. Cored specimens. Taking, examining and testing in compression	Street 4
Concrete	DIN 1048	Water penetration test	Street 4
Concrete	NT Build 492	Chloride penetration test	Street 4
Concrete	Rilem CPC 11.3:1994	Total porosity	Street 4

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Dimension Stone	ASTM C1354/C1354M	Strength of Individual Stone Anchorages in Dimension stone	Street 4
Geotextile	BS EN ISO 12956	Geotextiles and geotextile-related products. Determination of the characteristic opening size (Size of the Openings of a Single Layer of a Geotextile)	Street 4/ Geotextile
Geotextile	ASTM D4632	Standard Test Method for Grab Breaking Load and Elongation of Geotextiles	Street 4
Geotextiles & Water Proofing	ASTM D412	Vulcanized Rubber and Thermoplastic Elastomers—Tension	Street 4
Geotextiles & Water Proofing	ASTM D570	Water Absorption of Plastics	Street 4
Geotextiles & Water Proofing	ASTM D638	Tensile Properties of Plastics	Street 4
Geotextiles & Water Proofing	ASTM D751	Puncture resistance - Coated Fabrics	Street 4
Geotextiles & Water Proofing	ASTM D1000	Pressure-Sensitive Adhesive-Coated Tapes Used for Electrical and Electronic Applications	Street 4
Geotextiles & Water Proofing	ASTM D1000 CI 50	Pressure-Sensitive Adhesive-Coated Tapes Used for Electrical and Electronic Applications - CI 50 Adhesion Strength To Steel And Backing	Street 4
Geotextiles & Water Proofing	ASTM D1004	Tear Resistance (Graves Tear) of Plastic Film and Sheeting	Street 4
Geotextiles & Water Proofing	ASTM D3767	Dimensions Measurement of Rubber	Street 4
Geotextiles & Water Proofing	ASTM D3787	Bursting Strength of Textiles—Constant-Rate-of-Traversal (CRT) Ball Burst Test	Street 4
Geotextiles & Water Proofing	ASTM D4533	Trapezoid Tearing Strength of Geotextiles	Street 4
Geotextiles & Water Proofing	ASTM D5034	Breaking Strength and Elongation of Textile Fabrics (Grab Strength)	Street 4
Geotextiles & Water Proofing	ASTM D5035	Breaking Force and Elongation of Textile Fabrics (Strip Method)	Street 4
Geotextiles & Water Proofing	ASTM D5199	Measuring The Nominal Thickness Of Geosynthetics	Street 4

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Geotextiles & Water Proofing	ASTM E96	Water Vapor Transmission Rate	Street 4
Geotextiles & Water Proofing	ASTM E154	Water Vapor Retarders Used in Contact with Earth Under Concrete Slabs, on Walls, or as Ground Cover	Street 4
Geotextiles & Water Proofing	BS EN 1849-1	Determination of thickness and mass per unit area of Bitumen sheets	Street 4
Geotextiles & Water Proofing	BS EN 1849-2	Determination of thickness and mass per unit area of Plastic and rubber sheets	Street 4
Geotextiles & Water Proofing	BS EN 12127	Determination Of Mass Per Unit Area (Weight)	Street 4
Geotextiles & Water Proofing	BS EN ISO 527-3	Plastics —Determination of tensile properties — Part 3: Test conditions for films and sheets	Street 4
Geotextiles & Water Proofing	BS EN ISO 5084	Determination Of Thickness Of Textiles	Street 4
Geotextiles & Water Proofing	BS EN ISO 10319	Geosynthetics — Wide-width tensile test	Street 4
Geotextiles & Water Proofing	BS EN ISO 11058	Geotextiles and geotextile-related products — Determination of water permeability characteristics normal to the plane, without load	Street 4
Geotextiles & Water Proofing	BS EN ISO 12236	Static Puncture Test (CBR Test)	Street 4
Geotextiles & Water Proofing	BS EN ISO 13433	Geosynthetics —Dynamic perforation test (cone drop test)	Street 4
Masonry Blocks and Paving	ASTM C97	Standard Test Methods for Absorption and Bulk Specific Gravity of Dimension Stone	Street 4
Masonry Blocks and Paving	ASTM C99	Standard Test Method for Modulus of Rupture of Dimension Stone	Street 4
Masonry Blocks and Paving	ASTM C140	Standard Test Methods for Sampling and Testing Concrete Masonry Units and Related Units	Street 4
Masonry Blocks and Paving	ASTM C170	Standard Test Method for Compressive Strength of Dimension Stone	Street 4
Masonry Blocks and Paving	ASTM C880	Standard Test Method for Flexural Strength of Dimension Stone	Street 4

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Masonry Blocks and Paving	ASTM C1353	Standard Test Method for Abrasion Resistance of Dimension Stone Subjected to Foot Traffic Using a Rotary Platform, Double-Head Abraser	Street 4
Masonry Blocks and Paving	BS EN 679	Determination of the compressive strength of Autoclaved Aerated Concrete	Street 4
Masonry Blocks and Paving	BS EN 771-1	Specification for masonry units. Clay masonry units. Water absorption for interlocks	Street 4
Masonry Blocks and Paving	BS EN 771-3	Specification for masonry units. Aggregate concrete masonry units (dense and lightweight aggregates)	Street 4
Masonry Blocks and Paving	BS EN 772-1	Methods of test for masonry units. Determination of compressive strength	Street 4
Masonry Blocks and Paving	BS EN 772-2 BS EN 771-3 (BS 6073-1)	Precast concrete masonry units. Specification for precast concrete masonry units, Compressive Strength	Street 4
Masonry Blocks and Paving	BS EN 772-11	Methods of test for masonry units. Determination of water absorption of aggregate concrete, autoclaved aerated concrete, manufactured stone and natural stone masonry units due to capillary action and the initial rate of water absorption of clay masonry units.	Street 4
Masonry Blocks and Paving	BS EN 772-16	Methods of test for masonry units. Determination of dimensions	Street 4
Masonry Blocks and Paving	BS 6717 Annex B Superseded, Withdrawn BS EN 1338	Measurement of dimensions of paving blocks	Street 4
Masonry Blocks and Paving	BS 6717 Annex E Superseded, Withdrawn BS EN 1338	Compressive strength of paving blocks	Street 4
Masonry Blocks and Paving	BS EN 1338 Annex E	Concrete paving blocks. Requirements and test methods, Water absorption for paving blocks	Street 4
Masonry Blocks and Paving	BS EN 1338 Annex F	Concrete paving blocks. Requirements and test methods, Tensile strength of paving blocks	Street 4
Masonry Blocks and Paving	BS EN 1339 Annex E	Concrete paving flags. Requirements and test methods, Water absorption for concrete paving flags/slabs	Street 4
Masonry Blocks and Paving	BS EN 1339 Annex F	Concrete paving flags. Requirements and test methods, Transverse strength of concrete paving slabs	Street 4
Masonry Blocks and Paving	BS EN 1340 Annex C	Concrete kerb units. Requirements and test methods, Measurement of dimensions of kerbs	Street 4

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Masonry Blocks and Paving	BS EN 1340 Annex E	Concrete kerb units. Requirements and test methods, Water absorption for kerbs	Street 4
Masonry Blocks and Paving	BS EN 1340 Annex F	Transverse strength of kerbs.	Street 4
Masonry Blocks and Paving	BS EN 13748-1:2004+A1: C5.5, 5.8	Compressive strength and water absorption of terrazzo tiles	Street 4
Masonry Blocks and Paving	ISRM CPC 11.3	Porosity of tiles	Street 4
Mechanical	ASTM A956 ISO 16859	Leeb hardness	Street 4
Mechanical	ASTM F606	Standard Test Methods for Determining the Mechanical Properties of Externally and Internally Threaded Fasteners, Washers, Direct Tension Indicators, and Rivets	Street 4
Mechanical	ISO 898-1	Mechanical properties of fasteners made of carbon steel and alloy steel -- Part 1: Bolts, screws and studs with specified property classes -- Coarse thread and fine pitch thread	Street 4
Mechanical	ISO 898-2	Mechanical properties of fasteners made of carbon steel and alloy steel -- Part 2: Nuts with specified property classes -- Coarse thread and fine pitch thread	Street 4
NDT	BS EN 12504-2	Testing concrete in structures - Non-destructive testing. Determination of rebound number	Site/ NDT
Rubber	ASTM D2240	Determination of durometer hardness (Shore A/D hardness)	Street 4
Soil	BS 1924-2 C4.2	Method of Test for Cement Stabilized Materials	Street 4
Steel	ASTM A370	Standard Test Methods and Definitions for Mechanical Testing of Steel Products	Street 4
Steel	ASTM A615 CI 9, 10, 11	Standard Specification for Deformed and Plain Carbon-Steel Bars for Concrete Reinforcement. 9. Tensile Requirements. 10. Bending Requirements 11. Permissible Variation in Weight [Mass]	Street 4
Steel	ASTM A931	Tension Testing of Wire Ropes and Strand	Street 4
Steel	ASTM A1061	Standard Test Methods for Testing Multi-Wire Steel Prestressing Strand	Street 4
Steel	BS 4449 C7.2.5	Steel for the reinforcement of concrete. Weldable reinforcing steel. Bar, coil and decoiled product. Specification	Street 4
Steel	BS EN 124-1 Annex "A" and Annex "B"	Load Resistance Test Of Manhole Covers	Street 4

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Steel	BS EN ISO 148-1, ASTM E23, BS EN 10045	Charpy Test / Impact Test	Street 4
Steel	BS EN 10002-1 BS EN ISO 6892-1	Metallic materials — Tensile testing — Part 1: Method of test at ambient temperature	Street 4
Steel	BS EN ISO15630-1 CI 5.3	Steel for the reinforcement and prestressing of concrete — Test methods Part 1: Reinforcing bars, wire rod and wire	Street 4
Steel	BS EN 15630-3 CL 5, 6, 7	Steel for the reinforcement and prestressing of concrete - Test methods Part 3: Prestressing Steel. CL 5 Tensile Test.	Street 4
Paint	ASTM D 4060	Standard Test Method for Abrasion Resistance of Organic Coatings by the Taber Abraser.	Street 4
Road and Pavement	BS EN 1436 Annex D	Road marking materials. Road marking performance for road users and test methods.	Street 4

## Annex B

Soil	ASTM D6913/D6913M – 17	Standard Test Methods for Particle-Size Distribution (Gradation) of Soils Using Sieve Analysis	QPMC RCA Site-Lab Jerry Al Samur
Soil	ASTM D1140 – 17	Standard Test Methods for Determining the Amount of Material Finer than 75-µm (No. 200) Sieve in Soils by Washing	QPMC RCA Site-Lab Jerry Al Samur
Soil	ASTM D4318 – 17e1	Standard Test Methods for Liquid Limit, Plastic Limit, and Plasticity Index of Soils	QPMC RCA Site-Lab Jerry Al Samur
Soil	ASTM D2419 – 22	Standard Test Method for Sand Equivalent Value of Soils and Fine Aggregate	QPMC RCA Site-Lab Jerry Al Samur
Soil	ASTM D1557 – 12 (Reapproved 2021)	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> ))	QPMC RCA Site-Lab Jerry Al Samur
Aggregate	QCS 2018, Section 06, Part 09 & in-house Method	High density materials	QPMC RCA Site-Lab Jerry Al Samur
Aggregate	QCS 2018, Section 06, Part 09 & in-house Method	Low density/crushable materials	QPMC RCA Site-Lab Jerry Al Samur
Aggregate	QCS 2018, Section 06, Part 09 & in-house Method	Compressible materials	QPMC RCA Site-Lab Jerry Al Samur
Soil	ASTM D6913/D6913M – 17	Standard Test Methods for Particle-Size Distribution (Gradation) of Soils Using Sieve Analysis	QPMC RCA Site-Lab Rawdath Rashid
Soil	ASTM D1140 – 17	Standard Test Methods for Determining the Amount of Material Finer than 75-µm (No. 200) Sieve in Soils by Washing	QPMC RCA Site-Lab Rawdath Rashid
Soil	ASTM D4318 – 17e1	Standard Test Methods for Liquid Limit, Plastic Limit, and Plasticity Index of Soils	QPMC RCA Site-Lab Rawdath Rashid

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# SCOPE OF ACCREDITATION

International Accreditation Service, Inc.

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Soil	ASTM D2419 – 22	Standard Test Method for Sand Equivalent Value of Soils and Fine Aggregate	QPMC RCA Site-Lab Rawdath Rashid
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Soil	ASTM D6913/D6913M – 17	Standard Test Methods for Particle-Size Distribution (Gradation) of Soils Using Sieve Analysis	QPMC RCA Site-Lab Busalba
Soil	ASTM D1140 – 17	Standard Test Methods for Determining the Amount of Material Finer than 75-µm (No. 200) Sieve in Soils by Washing	QPMC RCA Site-Lab Busalba
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