



CERTIFICATE OF ACCREDITATION

This is to attest that

QATAR INDUSTRIAL LABORATORIES W.LL

STREET NO. 43, GATE NO. 127, P.O. BOX NO. 10415
DOHA 10415, STATE OF QATAR

Testing Laboratory TL-528

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 13, 2023



A handwritten signature in black ink, reading 'Raj Nathan'.

President

SCOPE OF ACCREDITATION

International Accreditation Service, Inc.

3060 Saturn Street, Suite 100, Brea, California 92821, U.S.A. | www.iasonline.org

QATAR INDUSTRIAL LABORATORIES W.LL

www.qilqatar.com

Contact Name Rafique Abdulla Shaikh

Contact Phone +974-44601580

Accredited to ISO/IEC 17025:2017

Effective Date November 13, 2023

| Category | Standard/ Method No. /Date | Standard/ Method Title & Section | Location / Facility |
|-----------|-------------------------------|---|--------------------------------------|
| Admixture | ASTM C233 CI 11.1.1 | Standard Test Method for Air-Entraining Admixtures for Concrete CI 11.1.1 pH | Industrial Area (St. No.46) Main Lab |
| Admixture | ASTM E70 | Standard Test Method for pH of Aqueous Solutions with the Glass Electrode | Industrial Area (St. No.46) Main Lab |
| Aggregate | AASHTO T304 | Standard Method of Test for Uncompacted Void Content of Fine Aggregate | Industrial Area (St. No.43) Main Lab |
| Aggregate | ASTM C29 | Standard Test Method for Bulk Density ("Unit Weight") and Voids in Aggregate | Industrial Area (St. No.43) Main Lab |
| Aggregate | ASTM C40 | Standard Test Method for Organic Impurities in Fine Aggregates for Concrete | Industrial Area (St. No.43) Main Lab |
| Aggregate | ASTM C88 | Standard Test Method for Soundness of Aggregates by Use of Sodium Sulfate or Magnesium Sulfate | Industrial Area (St. No.43) Main Lab |
| Aggregate | ASTM C117 | Standard Test Method for Materials Finer than 75- μm (No. 200) Sieve in Mineral Aggregates by Washing | Industrial Area (St. No.43) Main Lab |
| Aggregate | ASTM C123 | Standard Test Method for Lightweight Particles in Aggregate | Industrial Area (St. No.43) Main Lab |
| Aggregate | ASTM C127 | Standard Test Method for Relative Density (Specific Gravity) and Absorption of Coarse Aggregate | Industrial Area (St. No.43) Main Lab |
| Aggregate | ASTM C128 | Standard Test Method for Relative Density (Specific Gravity) and Absorption of Fine Aggregate | Industrial Area (St. No.43) Main Lab |
| Aggregate | ASTM C131 | Standard Test Method for Resistance to Degradation of Small-Size Coarse Aggregate by Abrasion and Impact in the Los Angeles Machine | Industrial Area (St. No.43) Main Lab |
| Aggregate | ASTM C136 | Standard Test Method for Sieve Analysis of Fine and Coarse Aggregates | Industrial Area (St. No.43) Main Lab |
| Aggregate | ASTM C142 | Standard Test Method for Clay Lumps and Friable Particles in Aggregates | Industrial Area (St. No.43) Main Lab |
| Aggregate | ASTM C535 | Standard Test Method for Resistance to Degradation of Large-Size Coarse Aggregate by Abrasion and Impact in the Los Angeles Machine | Industrial Area (St. No.43) Main Lab |
| Aggregate | ASTM C1252 | Uncompacted Void Content of Fine Aggregate (as Influenced by Particle Shape, Surface Texture, and Grading) | Industrial Area (St. No.43) Main Lab |
| Aggregate | ASTM D75 | Standard Practice for Sampling Aggregates | Field Test |

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| Category | Standard/ Method No. /Date | Standard/ Method Title & Section | Location / Facility |
|-----------|-------------------------------|---|--------------------------------------|
| Aggregate | ASTM D546 | Standard Test Method for Sieve Analysis of Mineral Filler for Bituminous Paving Mixtures | Industrial Area (St. No.43) Main Lab |
| Aggregate | ASTM D854 | Standard Test Methods for Specific Gravity of Soil Solids by Water Pycnometer | Industrial Area (St. No.43) Main Lab |
| Aggregate | ASTM D4791 | Flat particle, elongated particle, flat and elongated particle | Industrial Area (St. No.43) Main Lab |
| Aggregate | ASTM D5821 | Standard Test Method for Determining the Percentage of Fractured Particles in Coarse Aggregate | Industrial Area (St. No.43) Main Lab |
| Aggregate | BS 812-2 | Testing aggregates. Methods for determination of density- Clauses 5.3, 5.4 & 5.5 | Industrial Area (St. No.43) Main Lab |
| Aggregate | BS 812-102 | Testing aggregates. Methods for sampling | Field Test |
| Aggregate | BS 812-103.1 | Testing aggregates. Method for determination of particle size distribution. Sieve tests- Clauses 7.2 & 7.3 | Industrial Area (St. No.43) Main Lab |
| Aggregate | BS 812-105.1 | Testing aggregates. Methods for determination of particle shape. Flakiness index | Industrial Area (St. No.43) Main Lab |
| Aggregate | BS 812-105.2 | Testing aggregates. Methods for determination of particle shape. Elongation index of coarse aggregate | Industrial Area (St. No.43) Main Lab |
| Aggregate | BS 812-109 | Testing aggregates. Methods for determination of moisture content | Industrial Area (St. No.43) Main Lab |
| Aggregate | BS 812-110 | Testing aggregates. Methods for determination of aggregate crushing value (ACV) | Industrial Area (St. No.43) Main Lab |
| Aggregate | BS 812-111 | Testing aggregates. Methods for determination of ten per cent fines value (TFV) | Industrial Area (St. No.43) Main Lab |
| Aggregate | BS 812-112 | Testing aggregates. Method for determination of aggregate impact value (AIV) | Industrial Area (St. No.43) Main Lab |
| Aggregate | BS 812-117 | Testing aggregates. Method for determination of water-soluble chloride salts: Clause 9: Water soluble chloride content | Industrial Area (St. No.46) Main Lab |
| Aggregate | BS 812-117 | Testing aggregates. Method for determination of water-soluble chloride salts Appendix C: Test Method for Determination of Chloride Content of Aggregates using a Nitric Acid Extract, for Aggregate Containing Chloride not Extracted by Water. | Industrial Area (St. No.46) Main Lab |
| Aggregate | BS 812-118 | Testing aggregates. Methods for determination of sulphate content: Clause 6: Determination of the Total Sulphate Content by Acid Extraction | Industrial Area (St. No.43) Main Lab |

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|-----------|-------------------------------|---|--------------------------------------|
| Aggregate | BS 812-121 | Testing aggregates. Method for determination of soundness | Industrial Area (St. No.43) Main Lab |
| Aggregate | BS EN 932-1 | Tests for general properties of aggregates. Methods for sampling | Field Test |
| Aggregate | BS EN 933-1 | Tests for geometrical properties of aggregates. Determination of particle size distribution. Sieving method | Industrial Area (St. No.43) Main Lab |
| Aggregate | BS EN 933-3 | Tests for geometrical properties of aggregates. Determination of particle shape. Flakiness index | Industrial Area (St. No.43) Main Lab |
| Aggregate | BS EN 933-4 | Tests for geometrical properties of aggregates. Determination of particle shape. Shape index | Industrial Area (St. No.43) Main Lab |
| Aggregate | BS EN 933-7 | Tests for geometrical properties of aggregates. Determination of shell content. Percentage of shells in coarse aggregates | Industrial Area (St. No.43) Main Lab |
| Aggregate | BS EN 1097-2 | Tests for mechanical and physical properties of aggregates. Methods for the determination of resistance to fragmentation CL 5 | Industrial Area (St. No.43) Main Lab |
| Aggregate | BS EN 1097-6 | Tests for mechanical and physical properties of aggregates. Determination of particle density and water absorption | Industrial Area (St. No.43) Main Lab |
| Aggregate | BS EN 1367-2 | Tests for thermal and weathering properties of aggregates. Magnesium sulfate test-Soundness test | Industrial Area (St. No.43) Main Lab |
| Aggregate | BS EN 1744-1 | Tests for chemical properties of aggregates. Chemical analysis: Clause 7 Determination of Water-Soluble Chloride salts using the Volhard Method | Industrial Area (St. No.46) Main Lab |
| Aggregate | BS EN 1744-1 | Tests for chemical properties of aggregates. Chemical analysis: Clause 10 Determination of Water-Soluble Sulphates | Industrial Area (St. No.46) Main Lab |
| Aggregate | BS EN 1744-1 | Tests for chemical properties of aggregates. Chemical analysis: Clause 12 Determination of Acid soluble Sulfates | Industrial Area (St. No.46) Main Lab |
| Aggregate | BS EN 1744-5 | Tests for chemical properties of aggregates. Determination of acid-soluble chloride salts | Industrial Area (St. No.46) Main Lab |

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| Category | Standard/ Method No. /Date | Standard/ Method Title & Section | Location / Facility |
|---|--|--|---|
| Air Quality - Ambient / Work Zone | In-House Method (QSWI- CHEM-99-039) SENS-IT | Carbon Monoxide (CO) Nitrogen Dioxide (NO ₂) Ozone (O ₃) Benzene (C ₆ H ₆) Methane (CH ₄) Sulphur Dioxide (SO ₂) Ammonia (NH ₃) Hydrogen Sulphide (H ₂ S) Volatile Organic Compounds (VOC) - PID4 PM - 10 (Respirable suspended particulate matter) PM - 2.5 (Particulate Matter) | Industrial Area (St. No.46) Main Lab / Site |
| Air Quality - Ambient / Work Zone | In-House Method based on Automatic Weather monitoring station (WMS) -MET-3000 | Meteorological Data: Temperature (Inside/Outside) Humidity (Inside/Outside) Barometric Pressure Wind Speed Wind Direction Rainfall | Industrial Area (St. No.46) Main Lab / Site |
| Air Quality – Indoor (IAQ) | In-House Method (Based on Manufacturers Manual AeroQual) | Oxides of Nitrogen (NO ₂) Particulate Matter (PM 2.5) Particulate Matter (PM 10) Sulphur Dioxide (SO ₂) Hydrogen Sulphide (H ₂ S) NMHC (Non Methanic Hydrocarbon) Ammonia (NH ₃) Carbon Monoxide (CO) Volatile Organic Compounds (VOC) Carbon dioxide (CO ₂) Formaldehyde (HCHO) Temperature (°C) % Relative Humidity | Industrial Area (St. No.46) Main Lab |
| Asphalt | AASHTO R47 | Reducing samples of hot mix asphalt to testing size | Industrial Area (St. No.43) Main Lab |
| Asphalt | AASHTO T312 | Preparation and determination of relative density of Asphalt mix specimen using Super pave gyratory compactor | Industrial Area (St. No.43) Main Lab |
| Asphalt | ASTM D5 | Standard Test Method for Penetration of Bituminous Materials | Industrial Area (St. No.43) Main Lab |
| Asphalt | ASTM D6 | Standard Test Method for Loss on Heating of Oil and Asphaltic Compounds | Industrial Area (St. No.43) Main Lab |
| Asphalt | ASTM D36/D36M | Standard Test Method for Softening Point of Bitumen (Ring-and-Ball Apparatus) | Industrial Area (St. No.43) Main Lab |
| Asphalt | ASTM D70 | Standard Test Method for Density of Semi- Solid Bituminous Materials (Pycnometer Method) | Industrial Area (St. No.43) Main Lab |
| Asphalt | ASTM D92 | Standard Test Method for Flash and Fire Points by Cleveland Open Cup Tester | Industrial Area (St. No.43) Main Lab |

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|----------|---|--|--------------------------------------|
| Asphalt | ASTM D95 | Standard Test Method for Water in Petroleum Products and Bituminous Materials by Distillation | Industrial Area (St. No.43) Main Lab |
| Asphalt | ASTM D113 | Standard Test Method for Ductility of Bituminous Materials | Industrial Area (St. No.43) Main Lab |
| Asphalt | ASTM D139 | Standard Test Method for Float Test for Bituminous Materials | Field test |
| Asphalt | ASTM D140 Cl. 9.1.1,10,11, 13 and 14 | Standard Practice for Sampling Bituminous Materials | Industrial Area (St. No.43) Main Lab |
| Asphalt | ASTM D402 | Standard Test Method for Distillation of Cutback Asphaltic (Bituminous) Products | Industrial Area (St. No.43) Main Lab |
| Asphalt | ASTM D979 | Standard Practice for Sampling Bituminous Paving Mixtures | Field Test |
| Asphalt | ASTM D1188 | Standard Test Method for Bulk Specific Gravity and Density of Compacted Bituminous Mixtures Using Coated Samples | Industrial Area (St. No.43) Main Lab |
| Asphalt | ASTM D1754 | Standard Test Method for Effects of Heat and Air on Asphaltic Materials & #40; Thin-Film Oven Test & #41 | Industrial Area (St. No.43) Main Lab |
| Asphalt | ASTM D2041 | Standard Test Method for Theoretical Maximum Specific Gravity and Density of Bituminous Paving Mixtures | Industrial Area (St. No.43) Main Lab |
| Asphalt | ASTM D2042 | Standard Test Method for Solubility of Asphalt Materials in Trichloroethylene | Industrial Area (St. No.43) Main Lab |
| Asphalt | ASTM D2172 | Standard Test Methods for Quantitative Extraction of Bitumen From Bituminous Paving Mixtures | Industrial Area (St. No.43) Main Lab |
| Asphalt | ASTM D2726 | Standard Test Method for Bulk Specific Gravity and Density of Non-Absorptive Compacted Bituminous Mixtures | Industrial Area (St. No.43) Main Lab |
| Asphalt | ASTM D2950 | Standard Test Method for Density of Bituminous Concrete in Place by Nuclear Methods | Industrial Area (St. No.43) Main Lab |
| Asphalt | ASTM D2995 | Standard Practice for Estimating Application Rate and Residual Application Rate of Bituminous Distributors | Industrial Area (St. No.43) Main Lab |
| Asphalt | ASTM D3549 | Standard Test Method for Thickness or Height of Compacted Asphalt Mixture Specimens | Industrial Area (St. No.43) Main Lab |
| Asphalt | ASTM D3665 | Standard Practice for Random Sampling of Construction Materials | Field Test |
| Asphalt | ASTM D4867 | Standard Test Method for Effect of Moisture on Asphalt Concrete Paving Mixtures (TSR) | Industrial Area (St. No.43) Main Lab |
| Asphalt | ASTM D4402 | Standard Test Method for Viscosity Determination of Asphalt at Elevated Temperatures Using a Rotational Viscometer | Industrial Area (St. No.43) Main Lab |

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| Asphalt | ASTM D5361 | Standard Practice for Sampling Compacted Bituminous Mixtures for Laboratory Testing | Field Test |
| Asphalt | ASTM D5444 | Standard Test Method for Mechanical Size Analysis of Extracted Aggregate | Industrial Area (St. No.43) Main Lab |
| Asphalt | ASTM D5581 | Standard Test Method for Resistance to Plastic Flow of Bituminous Mixtures Using Marshall Apparatus (6 inch-Diameter Specimen) | Industrial Area (St. No.43) Main Lab |
| Asphalt | ASTM D6925 | Standard Test Method for Preparation and Determination of the Relative Density of Asphalt Mix Specimens by Means of the Super pave Gyratory Compactor | Industrial Area (St. No.43) Main Lab |
| Asphalt | ASTM D6926 | Standard Practice for Preparation of Bituminous Specimens Using Marshall Apparatus | Industrial Area (St. No.43) Main Lab |
| Asphalt | ASTM D6927 | Standard Test Method for Marshall Stability and Flow of Asphalt Mixtures | Industrial Area (St. No.43) Main Lab |
| Asphalt | ASTM D6930 | Standard Test Method for Settlement and Storage Stability of Emulsified Asphalts | Industrial Area (St. No.43) Main Lab |
| Asphalt | ASTM D6931 | Standard Test Method for Indirect Tensile (IDT) Strength of Bituminous Mixtures | Industrial Area (St. No.43) Main Lab |
| Asphalt | ASTM D6933 | Standard Test Method for Oversized Particles in Emulsified Asphalts (Sieve Test) | Industrial Area (St. No.43) Main Lab |
| Asphalt | ASTM D6935 | Standard Test Method for Determining Cement Mixing of Emulsified Asphalt | Industrial Area (St. No.43) Main Lab |
| Asphalt | ASTM D6997 | Standard Test Method for Distillation of Emulsified Asphalt | Industrial Area (St. No.43) Main Lab |
| Asphalt | ASTM D7113 | Standard Test Method for Density of Bituminous Paving Mixtures in Place by the Electromagnetic Surface Contact Methods | Industrial Area (St. No.43) Main Lab |
| Asphalt | ASTM D7402 | Standard Practice for Identifying Cationic Emulsified Asphalts | Industrial Area (St. No.43) Main Lab |
| Asphalt | ASTM D7496 | Standard Test Method for Viscosity of Emulsified Asphalt by Saybolt Furol Viscometer | Industrial Area (St. No.43) Main Lab |
| Asphalt | ASTM E303 | Standard Test Method for Measuring Surface Frictional Properties Using the British Pendulum Tester | Industrial Area (St. No.43) Main Lab/Field |
| Asphalt | ASTM E965 | Standard Test Method for Measuring Pavement Macrotexture Depth Using a Volumetric Technique | Field Test |
| Asphalt | ASTM E1703 | Standard Test Method for Measuring Rut-Depth of Pavement Surfaces Using a Straightedge | Field Test |
| Asphalt | BS EN 1426 | Bitumen and bituminous binders. Determination of needle penetration | Industrial Area (St. No.43) Main Lab |
| Asphalt | BS EN 1427 | Bitumen and bituminous binders. Determination of the softening point. Ring and Ball method | Industrial Area (St. No.43) Main Lab |

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| Asphalt | BS EN 12697-1 | Bituminous mixtures. Test methods for hot mix asphalt Soluble binder content | Industrial Area (St. No.43) Main Lab |
| Asphalt | BS EN 12697-2 | Bituminous mixtures. Test methods. Determination of particle size distribution | Industrial Area (St. No.43) Main Lab |
| Asphalt | BS EN 12697-5 | Bituminous mixtures. Test methods for hot mix asphalt. Determination of the maximum density | Industrial Area (St. No.43) Main Lab |
| Asphalt | BS EN 12697-6 | Bituminous mixtures. Test methods for hot mix asphalt. Determination of bulk density of bituminous specimens | Industrial Area (St. No.43) Main Lab |
| Asphalt | BS EN 12697-8 | Bituminous mixtures. Test methods for hot mix asphalt. Determination of void characteristics of bituminous specimens | Industrial Area (St. No.43) Main Lab |
| Asphalt | BS EN 12697-13 | Bituminous mixtures. Test methods for hot mix asphalt. Temperature measurement | Industrial Area (St. No.43) Main Lab |
| Asphalt | BS EN 12697-27 | Bituminous mixtures. Test methods for hot mix asphalt. Sampling | Field Test |
| Asphalt | BS EN 12697-28 | Bituminous mixtures. Test methods for hot mix asphalt. Preparation of samples for determining binder content, water content and grading | Industrial Area (St. No.43) Main Lab |
| Asphalt | BS EN 12697-29 | Bituminous mixtures. Test methods for hot mix asphalt. Determination of the dimensions of a bituminous specimen | Industrial Area (St. No.43) Main Lab |
| Asphalt | BS EN 12697-30 | Bituminous mixtures. Test methods for hot mix asphalt. Specimen preparation by impact compactor | Industrial Area (St. No.43) Main Lab |
| Asphalt | BS EN 12697-34 | Bituminous mixtures. Test methods for hot mix asphalt. Marshall test | Industrial Area (St. No.43) Main Lab |
| Asphalt | BS EN 12697-36 | Bituminous mixtures. Test methods for hot mix asphalt. Determination of the thickness of a bituminous pavement | Industrial Area (St. No.43) Main Lab |
| Asphalt | BS EN 13036-6 | Measurement of transverse and longitudinal profiles in the evenness | Field Test |
| Asphalt | Method Statement No.: QSWI-ASPH-99-030 QCS 2014, Section 06 Part 5.3.3 Paragraph 16 | Marshall Retained Stability Test | Industrial Area (St. No.43) Main Lab |
| Asphalt | Method Statement No.: QSWI-ASPH-99-031 QCS 2014, Section 06 Part 05 Table 5.12 | Air Voids Percent at 400 Blows | Industrial Area (St. No.43) Main Lab |
| Cement | ASTM C109 | Standard Test Method for Compressive Strength of Hydraulic Cement Mortars | Industrial Area (St. No.46) Main Lab |
| Cement | ASTM C183 | Standard Practice for Sampling and the Amount of Testing of Hydraulic Cement | Industrial Area (St. No.46) Main Lab |
| Cement | ASTM C187 | Standard Test Method for Amount of Water Required for Normal Consistency of Hydraulic Cement Paste | Industrial Area (St. No.46) Main Lab |

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| Cement | ASTM C191 | Standard Test Methods for Time of Setting of Hydraulic Cement by Vicat Needle | Industrial Area (St. No.46) Main Lab |
| Cement | ASTM C349 | Standard Test Method for Compressive Strength of Hydraulic-Cement Mortars (Using Portions of Prisms Broken in Flexure) | Industrial Area (St. No.46) Main Lab |
| Cement | ASTM C430 | Standard Test Method for Fineness of Hydraulic Cement by the 45- μ m (No. 325) Sieve | Industrial Area (St. No.43) Main Lab |
| Cement | ASTM C989 | Standard Specification for Slag Cement for Use in Concrete and Mortars | Industrial Area (St. No.46) Main Lab |
| Cement | ASTM C1012 | Standard Test Method for Length Change of Hydraulic-Cement Mortars Exposed to a Sulfate Solution | Industrial Area (St. No.46) Main Lab |
| Cement | ASTM C1240 | Standard Specification for Silica Fume Used in Cementitious Mixtures | Industrial Area (St. No.46) Main Lab |
| Cement | BS EN 196-1 | Methods of testing cement. Determination of strength | Industrial Area (St. No.46) Main Lab |
| Cement | BS EN 196-2 | Method of testing cement: Chemical analysis of cement. Clause 5 (SiO ₂ , Al ₂ O ₃ , Fe ₂ O ₃ , CaO, MgO, SO ₃ , K ₂ O) | Industrial Area (St. No.46) Main Lab |
| Cement | BS EN 196-2 Cl 4.4.1 | Method of testing cement: Chemical analysis of cement. Clause 4.4.1 Loss on Ignition @ 950 \pm 25°C of Cement | Industrial Area (St. No.46) Main Lab |
| Cement | BS EN 196-2 Cl 4.4.3 | Method of testing cement: Chemical analysis of cement. Cl 4.4.3 Insoluble Residue | Industrial Area (St. No.46) Main Lab |
| Cement | BS EN 196-2 Cl 4.5.16 | Method of testing cement: Chemical analysis of cement. Cl 4.5.16 Chloride (Cl) Content in Cement | Industrial Area (St. No.46) Main Lab |
| Cement | BS EN 196-3 | Methods of testing cement. Determination of setting times and soundness | Industrial Area (St. No.46) Main Lab |
| Cement | BS EN 196-6 | Methods of testing cement. Determination of fineness & Density of Cement | Industrial Area (St. No.46) Main Lab |
| Cement | BS EN 196-7 | Methods of testing cement. Methods of taking and preparing samples of cement | Industrial Area (St. No.46) Main Lab |
| Cement | BS EN 450-1 | Fly ash for concrete. Definition, specifications and conformity criteria | Industrial Area (St. No.46) Main Lab |
| Chemical | ASTM C494 | Standard Specification for Chemical Admixtures for Concrete: Clause.18.2 Residue by Oven Drying | Industrial Area (St. No.46) Main Lab |
| Chemical | ASTM C494 | Standard Specification for Chemical Admixtures for Concrete: Clause 18.4 Specific Gravity | Industrial Area (St. No.46) Main Lab |
| Chemical | ASTM E415 | Standard Test Method for Analysis of Carbon and Low-Alloy Steel by Spark Atomic Emission Spectrometry | Industrial Area (St. No.43) Main Lab |
| Chemical | ASTM E1086 | Standard Test Method for Analysis of Austenitic Stainless Steel by Spark Atomic Emission Spectrometry | Industrial Area (St. No.43) Main Lab |

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| Chemical | BS 6068-2.51 | Water Quality. Determination of Alkalinity Part 1: Determination of Total and Composite Alkalinity | Industrial Area (St. No.46) Main Lab |
| Chemical | BS EN 196-2 | Method of testing cement: Chemical analysis of cement. Clause 4.4.1 Determination of Loss on Ignition | Industrial Area (St. No.46) Main Lab |
| Chemical | BS EN 480 Part 8 | Admixtures for concrete, mortar and grout. Test methods. Determination of the conventional dry material content | Industrial Area (St. No.46) Main Lab |
| Chemical | EN ISO 9963-1 | Water quality - Determination of alkalinity - Part 1: Determination of total and composite alkalinity | Industrial Area (St. No.46) Main Lab |
| Chemical | SMEWW 2130 B | Turbidity | Industrial Area (St. No.46) Main Lab |
| Chemical | SMEWW 2320 B | Alkalinity: Titration Method | Industrial Area (St. No.46) Main Lab |
| Chemical | SMEWW 2340 C | Hardness: EDTA Titrimetric Method | Industrial Area (St. No.46) Main Lab |
| Chemical | SMEWW 2510 B | Conductivity: Laboratory Method | Industrial Area (St. No.46) Main Lab |
| Chemical | SMEWW 2540 B | Total Solids Dried at 103-105°C | Industrial Area (St. No.46) Main Lab |
| Chemical | SMEWW 2540 C | Total Dissolved Solids Dried at 180°C | Industrial Area (St. No.46) Main Lab |
| Chemical | SMEWW 2540 D | Total Suspended Solids Dried at 103- 105°C | Industrial Area (St. No.46) Main Lab |
| Chemical | SMEWW 2540 F | Settleable Solids | Industrial Area (St. No.46) Main Lab |
| Chemical | SMEWW 3500 Ca B | Calcium: EDTA Titrimetric Method | Industrial Area (St. No.46) Main Lab |
| Chemical | SMEWW 3500 Mg B | Magnesium: Calculation Method | Industrial Area (St. No.46) Main Lab |
| Chemical | SMEWW 4500 Cl- B | Chloride: Argentometric Method | Industrial Area (St. No.46) Main Lab |
| Chemical | SMEWW 4500 Cl G | Chlorine (Residual): DPD Colorimetric Method | Industrial Area (St. No.46) Main Lab |
| Chemical | SMEWW 4500 H+ B | pH Value: Electrometric Method | Industrial Area (St. No.46) Main Lab |
| Chemical | SMEWW 4500 P C | Phosphorus: Vanadomolybdophosphoric Acid Colorimetric Method | Industrial Area (St. No.46) Main Lab |
| Chemical | SMEWW 4500 SO42 C | Sulphate: Gravimetric Method with Ignition of Residue | Industrial Area (St. No.46) Main Lab |
| Chemical | SMEWW 5210 D | Biological Oxygen Demand: Respirometric Method | Industrial Area (St. No.46) Main Lab |
| Chemical | SMEWW 5220 D | Chemical Oxygen Demand: Closed Reflux, Colorimetric Method | Industrial Area (St. No.46) Main Lab |
| Chemical | SMEWW 9223 B | Enzyme Substrate Coliform Test: E.Coli | Industrial Area (St. No.46) Main Lab |
| Chemical | SMEWW 9223 B | Enzyme Substrate Coliform Test: Fecal Coliforms | Industrial Area (St. No.46) Main Lab |

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| Chemical | SMEWW 9223 B | Enzyme Substrate Coliform Test: Total Coliforms | Industrial Area (St. No.46) Main Lab |
| Chemical (Soil) | SOP: QSWI-CHEM-99-020 (based on APHA/SMEWW 3120-B) | Metals by Plasma Emission Spectroscopy: ICP Method (Hg, Ca, Fe, K, Mg, Na, Si, B, P, Ag, Al, As, Ba, Be, Cd, Co, Cr, Cu, Mn, Mo, Ni, Pb, Sb, Se, Ti, V, Zn, Th and U) | Industrial Area (St. No.46) Main Lab |
| Chemical (Soil) | SOP: QSWI-CHEM-PAH-GC/MS-01 (based on APHA/SMEWW 6640 B & C (Soxhlet Extraction)) | Poly Aromatic Hydrocarbons: Naphthalene Acenaphthlene Acenaphthene Fluorene Phenanthrene Anthracene Fluoranthene Pyrene 1,2-Benzanthracene Chrysene Benzo(b)fluoranthene Benzo(k)fluoranthene Benzo(a)pyrene Indeno (1,2,3-c.d)pyrene Dibenzo(a,h)Anthracene Benzo(g,h,i)Perylene | Industrial Area (St. No.46) Main Lab |
| Chemical (Soil) | USEPA 1664 Revision B USEPA 9071 B | Total Petroleum Hydrocarbons (>C28-C40 and above) - Heavy Fraction | Industrial Area (St. No.46) Main Lab |
| Chemical (Soil) | USEPA 8015 D USEPA 5021 A | Total Petroleum Hydrocarbons (C6-C9) - GRO | Industrial Area (St. No.46) Main Lab |
| Chemical (Soil) | USEPA 8015 D USEPA 3510 C | Total Petroleum Hydrocarbons (C10-C28) - DRO | Industrial Area (St. No.46) Main Lab |
| Chemical (Soil) | USEPA 8260 B | Volatile Organic Compounds by Gas Chromatography/Mass Spectrometry (GC/MS) (VOCs): Vinyl chloride Ethyl ether 1,1-dichloroEthene CFC-113 Carbon disulfide Acetonitrile Allyl chloride Methylene chloride MTBE trans-1,2-Dichloroethene 1,1-dichloroEthane Diisopropyl ether cis-1,2-dichloroethene Propionitrile 2,2-Dichloropropane Methyl Acrylate Methane, bromochloro- Chloroprene | Industrial Area (St. No.46) Main Lab |

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| Chemical (Soil) (cont'd.) | USEPA 8260 B (cont'd.) | Tetrahydrofuran Chloroform Ethane, 1,1,1-trichloro- 1-Propene, 1,1-dichloro- Benzene 1,2-dichloroEthane Trichloroethylene 1,2-dichloroPropane Methane, dibromo- Methyl methacrylate Methane, bromodichloro- Propane, 2-nitro- 1-Propene, Cis 1,3-dichloro- Toluene 1-Propene, trans 1,3-dichloro-, (E)- Ethyl Methacrylate 1,1,2-trichloroEthane Tetrachloroethylene 1,3-dichloroPropane dibromochloroMethane 1,2-dibromoEthane ChloroBenzene, Ethylbenzene m & p-Xylene o-Xylene Styrene Bromoform isopropylbenzene(cumene) 2-Butene, trans 1,4-dichloro, (E)- Bromobenzene 1,2,3-trichloropropane Benzene, propyl- 2-chlorotoluene Benzene, 1,3,5 -trimethyl- 4-chlorotoluene Benzene, tert-butyl- Benzene, 1,2,4-trimethyl- Sec-butylbenzene p-Cymene 1,3-dichloroBenzene 1,4-dichloroBenzene 1,2-dichloroBenzene n-butyl-Benzene Propane, 1,2-dibromo-3-chloro- Benzene, nitro- 1,2,4-trichloroBenzene, hexachloro-1,3-Butadiene, Naphthalene Benzene, 1,2,3-trichloro- | Industrial Area (St. No.46) Main Lab |
| Chemical (Soil) | USEPA 8270D | Semi-volatile Organic Compounds (SVOC) Phenol | Industrial Area (St. No.46) Main Lab |

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| Chemical (Soil) (cont'd.) | USEPA 8270D (cont'd.) | Aniline Bis(2-chloroethyl) ether 2-Chlorophenol 1,3-Dichlorobenzene 1,4-Dichlorobezene Benzyl alcohol 1,2-Dichlorobenzene 2-Methylphenol (o-cresol) 2,2'-oxybis(1-chloropropane) 3-Methylphenol (o-cresol) 4-Methylphenol (p-cresol) Hexachloroethane Nitrobenzene Isophorone 2-Nitrophenol 2,4-Dimethylphenol Bis(2-chloroethoxy)methane 2,4-Dichlorophenol 1,2,4-Trichlorobenzene Naphthalene 4-Chloroaniline Hexachlorobutadiene Dichlorvos (DDVP) 2-Methylnaphthalene 1-Methylnaphthalene Hexachlorocyclopentadiene 2,4,6-Trichlorophenol 2,4,5-Trichlorophenol 2-Chloronaphthalene 2-Nitroaniline 1,4-Dinitrobenzene Dimethyl phthalate 1,3-Dinitrobenzene 2,6-Dinitrotoluene 1,2-Dinitrobenzene Acenaphthylene 3-Nitroaniline Acenaphthene 4-Nitrophenol 2,4-Dinitrotoluene Dibenzofuran 2,3,4,6-Tetrachlorophenol 2,3,5,6-Tetrachlorophenol Diethylphthalate 4-Chlorophenyl phenyl ether Fluorene 4-Nitroaniline 4,6-Dinitro-2-methylphenol (Dinitro-o-cresol) Diphenylamine Azobenzene | Industrial Area (St. No.46) Main Lab |

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| Chemical (Soil) (cont'd.) | USEPA 8270D (cont'd.) | 2,4,6-Tribromophenol (SS) 4-Bromopheny phenyl ether Hexachlorobenzene Pentachlorophenol Phenanthrene Anthracene Phosphamidon Carbazole Di-n-butylphthalate Fluoranthene Pyrene Benzyl butyl phthalate Bis(2-ethylhexyl)adipate Chrysene Bis(2-ethylhexyl) phthalate Benz[a]anthracene Di-n-octyl phthalate Benzo[b]fluoranthene Benzo[k]fluoranthene Benzo[a]pyrene Indeno[1,2,3-cd]pyrene Dibenz[a,h]anthracene Benzo[ghi]perylene | Industrial Area (St. No.46) Main Lab |
| Chemical (Water) | APHA 2320-B | Bicarbonate (Carbonate and Bicarbonate by Calculation from Alkalinity: Titration Method) | Industrial Area (St. No.46) Main Lab |
| Chemical (Water) | APHA 2320-B | Carbonate (Carbonate and Bicarbonate by Calculation from Alkalinity: Titration Method) | Industrial Area (St. No.46) Main Lab |
| Chemical (Water) | APHA 2540 G | Total, Fixed Solids in Solid and semi solid samples | Industrial Area (St. No.46) Main Lab |
| Chemical (Water) | APHA 2540- G | Total Volatile Solids in Solid and semi solid samples | Industrial Area (St. No.46) Main Lab |
| Chemical (Water) | APHA 9213-E | Pseudomonas Aeruginosa (Recreational Waters: Membrane Filter Technique for Pseudomonas aeruginosa) | Industrial Area (St. No.46) Main Lab |
| Chemical (Water) | APHA 9240 D | Sulphate Reducing Bacteria (SRB) (SRB BART- Sulfur Bacteria) | Industrial Area (St. No.46) Main Lab |
| Chemical (Water) | APHA/AWWA 4500-CI G | Total Chlorine (DPD Colorimetric method) | Industrial Area (St. No.46) Main Lab |
| Chemical (Water) | APHA/AWWA 4500-S2 E or F | Sulphide (Iodometric Method) | Industrial Area (St. No.46) Main Lab |
| Chemical (Water) | APHA/AWWA 4500- SiO2-C | Total Silicates (Molybdosilicate Method) | Industrial Area (St. No.46) Main Lab |
| Chemical (Water) | APHA/SMEWW 3120-B | Metals by Plasma Emission Spectroscopy. ICP Method. (Hg, Ca, Fe, K, Mg, Na, Si, B, P, Ag, Al, As, Ba , Be, Cd, Co, Cr, Cu, Mn, Mo, Ni, Pb, Sb, Se, Ti, V Zn, Th and U) | Industrial Area (St. No.46) Main Lab |
| Chemical (Water) | APHA/SMEWW 3500-Cr B | Chromium. Colorimetric method | Industrial Area (St. No.46) Main Lab |

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| Chemical (Water) | APHA/SMEWW 4500 NH ₃ F | Nitrogen (Ammonia). Phenate Method | Industrial Area (St. No.46) Main Lab |
| Chemical (Water) | APHA/SMEWW 5310B | Total Organic Carbon (TOC) - High Temperature Combustion Method | Industrial Area (St. No.46) Main Lab |
| Chemical (Water) | APHA/SMEWW 6440 B&C | Poly Aromatic Hydrocarbons Liquid-Liquid Extraction Chromatographic method:-16 compounds Naphthalene Acenaphthlene Acenaphthene Fluorene Phenanthrene Anthracene Fluoranthene Pyrene 1,2-Benzanthracene Chrysene Benzo(b)fluoranthene Benzo(k)fluoranthene Benzo(a)pyrene Indeno (1,2,3-c.d)pyrene Dibenzo(a,h)Anthracene Benzo(g,h,i)Perylene | Industrial Area (St. No.46) Main Lab |
| Chemical (Water) | ASTM D8083 | Standard Test Method for Total Nitrogen, and TKN by Calculation, in Water by High Temperature Catalytic Combustion and Chemiluminescence Detection | Industrial Area (St. No.46) Main Lab |
| Chemical (Water) | ISO 11731 | Legionella (Detection and enumeration of Legionella as per ISO 11731) | Industrial Area (St. No.46) Main Lab |
| Chemical (Water) | SMWW Test 4500 Cl G | Free Chlorine (DPD Colorimetric method) | Industrial Area (St. No.46) Main Lab |
| Chemical (Water) | USEPA 1664 Revision B | Oil and Grease Total Petroleum Hydrocarbons (>C28-C40 and above) - Heavy Fraction | Industrial Area (St. No.46) Main Lab |
| Chemical (Water) | USEPA 8015 D USEPA 5021 A | Nonhalogenated Organics using GC/FID Volatile Organic Compounds in Various Sample Matrices Using Equilibrium Headspace Analysis Total Petroleum Hydrocarbons (C6-C9) – Gasoline Range Organics (GRO) | Industrial Area (St. No.46) Main Lab |
| Chemical (Water) | USEPA 8015 D USEPA 3510 C | Nonhalogenated Organics using GC/FID Separatory Funnel Liquid-Liquid Extraction Total Petroleum Hydrocarbons (C10-C28) – Diesel Range Organics (DRO) | Industrial Area (St. No.46) Main Lab |
| Chemical (Water) | USEPA 8260 B | Volatile Organic Compounds by Gas Chromatography/Mass Spectrometry (GC/MS) (VOCs, 64 Compounds):- Vinyl chloride Ethyl ether | Industrial Area (St. No.46) Main Lab |

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| Chemical (Water) (cont'd.) | USEPA 8260 B (cont'd.) | 1,1-dichloroEthene CFC-113 Carbon disulfide Acetonitrile Allyl chloride Methylene chloride MTBE trans-1,2-Dichloroethene 1,1-dichloroEthane Diisopropyl ether cis-1,2-dichloroethene Propionitrile 2,2-Dichloropropane Methyl Acrylate Methane, bromochloro- Chloroprene Tetrahydrofuran Chloroform Ethane, 1,1,1-trichloro- 1-Propene, 1,1-dichloro- Benzene 1,2-dichloroEthane Trichloroethylene 1,2-dichloroPropane Methane, dibromo- Methyl methacrylate Methane, bromodichloro- Propane, 2-nitro- 1-Propene, Cis 1,3-dichloro- Toluene 1-Propene, trans 1,3-dichloro-, (E)- Ethyl Methacrylate 1,1,2-trichloroEthane Tetrachloroethylene 1,3-dichloroPropane dibromochloroMethane 1,2-dibromoEthane ChloroBenzene, Ethylbenzene m & p-Xylene o-Xylene Styrene Bromoform isopropylbenzene(cumene) 2-Butene, trans 1,4-dichloro, (E)- Bromobenzene 1,2,3-trichloropropane Benzene, propyl- 2-chlorotoluene | Industrial Area (St. No.46) Main Lab |
| Chemical (Water) | USEPA 8260 B | Benzene, 1,3,5 -trimethyl- 4-chlorotoluene | Industrial Area (St. No.46) Main Lab |

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| (cont'd.) | (cont'd.) | Benzene, tert-butyl- Benzene, 1,2,4-trimethyl- Sec-butylbenzene p-Cymene 1,3-dichloroBenzene 1,4-dichloroBenzene 1,2-dichloroBenzene n-butyl-Benzene Propane, 1,2-dibromo-3-chloro- Benzene, nitro- 1,2,4-trichloroBenzene, hexachloro-1,3-Butadiene, Naphthalene Benzene, 1,2,3-trichloro- | |
| Chemical (Water) | USEPA 8270D | Semi-volatile Organic Compounds by Gas Chromatography/Mass Spectrometry (SVOC): Phenol Aniline Bis(2-chloroethyl) ether 2-Chlorophenol 1,3-Dichlorobenzene 1,4-Dichlorobezene Benzyl alcohol 1,2-Dichlorobenzene 2-Methylphenol (o-cresol) 2,2'-oxybis(1-chloropropane) 3-Methylphenol (o-cresol) 4-Methylphenol (p-cresol) Hexachloroethane Nitrobenzene Isophorone 2-Nitrophenol 2,4-Dimethylphenol Bis(2-chloroethoxy)methane 2,4-Dichlorophenol 1,2,4-Trichlorobenzene Naphthalene 4-Chloroaniline Hexachlorobutadiene Dichlorvos (DDVP) 2-Methylnaphthalene 1-Methylnaphthalene Hexachlorocyclopentadiene 2,4,6-Trichlorophenol 2,4,5-Trichlorophenol 2-Chloronaphthalene 2-Nitroaniline 1,4-Dinitrobenzene | Industrial Area (St. No.46) Main Lab |
| Chemical (Water) | USEPA 8270D (cont'd.) | Dimethyl phthalate 1,3-Dinitrobenzene | Industrial Area (St. No.46) Main Lab |

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| (cont'd.) | | 2,6-Dinitrotoluene 1,2-Dinitrobenzene Acenaphthylene 3-Nitroaniline Acenaphthene 4-Nitrophenol 2,4-Dinitrotoluene Dibenzofuran 2,3,4,6-Tetrachlorophenol 2,3,5,6-Tetrachlorophenol Diethylphthalate 4-Chlorophenyl phenyl ether Fluorene 4-Nitroaniline 4,6-Dinitro-2-methylphenol (Dinitro-o-cresol) Diphenylamine Azobenzene 2,4,6-Tribromophenol (SS) 4-Bromopheny phenyl ether Hexachlorobenzene Pentachlorophenol Phenanthrene Anthracene Phosphamidon Carbazole Di-n-butylphthalate Fluoranthene Pyrene Benzyl butyl phthalate Bis(2-ethylhexyl)adipate Chrysene Bis(2-ethylhexyl) phthalate Benz[a]anthracene Di-n-octyl phthalate Benzo[b]fluoranthene Benzo[k]fluoranthene Benzo[a]pyrene Indeno[1,2,3-cd]pyrene Dibenz[a,h]anthracene Benzo[ghi]perylene | |
| Chemical (Water/Soil) | APHA 3120-B | Arsenic (Metals by Plasma Emission Spectroscopy ICP method) | Industrial Area (St. No.46) Main Lab |
| Chemical (Water/Soil) | APHA 3120-B | Lithium (Metals by Plasma Emission Spectroscopy ICP method) | Industrial Area (St. No.46) Main Lab |
| Chemical (Water/Soil) | APHA/AWWA 4500F-D | Fluoride (Spands method) | Industrial Area (St. No.46) Main Lab |
| Chemical (Water/Soil) | APHA/AWWA 4500 N | Total Kjeldahl Nitrogen (semi micro-Kjelahl method) | Industrial Area (St. No.46) Main Lab |

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| Chemical (Water/Soil) | APHA/AWWA 4500 N | Total Organic Nitrogen (semi micro-Kjelahl method) | Industrial Area (St. No.46) Main Lab |
| Chemical (Water/Soil) | APHA/AWWA Test- 4500 NH ₃ B&C | Ammonia Nitrogen (preliminary distillation step) (Titrimetric method) | Industrial Area (St. No.46) Main Lab |
| Chemical (Water/Soil) | APHA/AWWA Test- 4500- NO ₂ B | Nitrite Nitrogen (Colorimetric method) | Industrial Area (St. No.46) Main Lab |
| Chemical (Water/Soil) | APHA/AWWA 5520 B | Oil & grease (liquid-liquid, partition-gravimetric method) | Industrial Area (St. No.46) Main Lab |
| Concrete | ASTM C31 | Standard Practice for Making and Curing Concrete Test Specimens in the Field | Industrial Area (St. No.46) Main Lab |
| Concrete | ASTM C39 | Standard Test Method for Compressive Strength of Cylindrical Concrete Specimens | Industrial Area (St. No.46) Main Lab |
| Concrete | ASTM C42 | Standard Test Method for Obtaining and Testing Drilled Cores and Sawed Beams of Concrete | Industrial Area (St. No.46) Main Lab/ Field Test |
| Concrete | ASTM C78 | Standard Test Method for Flexural Strength of Concrete (Using Simple Beam with Third- Point Loading) | Industrial Area (St. No.46) Main Lab |
| Concrete | ASTM C138 | Standard Test Method for Density (Unit Weight), Yield, and Air Content (Gravimetric) of Concrete | Industrial Area (St. No.46) Main Lab/ Field Test |
| Concrete | ASTM C143 | Standard Test Method for Slump of Hydraulic- Cement Concrete | Industrial Area (St. No.46) Main Lab/ Field Test |
| Concrete | ASTM C172 | Standard Practice for Sampling Freshly Mixed Concrete | Industrial Area (St. No.46) Main Lab/ Field Test |
| Concrete | ASTM C231 | Standard Test Method for Air Content of Freshly Mixed Concrete by the Pressure Method | Industrial Area (St. No.46) Main Lab/ Field Test |
| Concrete | ASTM C232 | Standard Test Methods for Bleeding of Concrete | Industrial Area (St. No.46) Main Lab/ Field Test |
| Concrete | ASTM C403 | Standard Test Method for Time of Setting of Concrete Mixtures by Penetration Resistance | Industrial Area (St. No.46) Main Lab/ Field Test |
| Concrete | ASTM C642 | Standard Test Method for Density, Absorption, and Voids in Hardened Concrete | Industrial Area (St. No.46) Main Lab |
| Concrete | ASTM C900 | Standard Test Method for Pullout Strength of Hardened Concrete | Field Test |
| Concrete | ASTM C1064 | Standard Test Method for Temperature of Freshly Mixed Hydraulic-Cement Concrete | Field Test |
| Concrete | ASTM C1202 | Standard Test Method for Electrical Indication of Concrete's Ability to Resist Chloride Ion Penetration | Industrial Area (St. No.46) Main Lab |
| Concrete | ASTM C1611 | Standard Test Method for Slump Flow of Self-Consolidating Concrete | Industrial Area (St. No.46) Main Lab |

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| Concrete | BS 1881-122 | Determination of water Absorption in Hardened concrete | Industrial Area (St. No.46) Main Lab |
| Concrete | BS 1881-124 | Testing concrete. Methods for analysis of hardened concrete: Clause 12.1 Determination Of Chloride Content | Industrial Area (St. No.46) Main Lab |
| Concrete | BS 1881-124 | Testing concrete. Methods for analysis of hardened concrete: Clause 12.2 Determination Of Sulfate Content | Industrial Area (St. No.46) Main Lab |
| Concrete | BS 1881-208 | Testing concrete. Recommendations for the determination of the initial surface absorption of concrete | Industrial Area (St. No.46) Main Lab |
| Concrete | BS 6073-2 | Precast concrete masonry units. Guide for specifying precast concrete masonry units | Industrial Area (St. No.46) Main Lab |
| Concrete | BS EN 445 | Grout for prestressing tendons. Test methods (Bleeding) | Industrial Area (St. No.46) Main Lab |
| Concrete | BS EN 445 | Grout for prestressing tendons. Test methods (Fluidity Test of Grouts) | Industrial Area (St. No.46) Main Lab |
| Concrete | BS EN 445 | Grout for prestressing tendons. Test methods (Volume Change) | Industrial Area (St. No.46) Main Lab |
| Concrete | BS EN 1338: Annex G | Measurement of abrasion resistance | Industrial Area (St. No.46) Main Lab |
| Concrete | BS EN 1338 Annex I | Method for the determination of unpolished slip resistance value (USRV) | Industrial Area (St. No.46) Main Lab/ Field Test |
| Concrete | BS EN 1367-4 | Tests for thermal and weathering properties of aggregates; Determination of drying shrinkage | Industrial Area (St. No.46) Main Lab |
| Concrete | BS EN 12350-1 | Testing fresh concrete. Sampling and common apparatus (Testing fresh concrete. Sampling) | Field Test |
| Concrete | BS EN 12350-2 | Testing fresh concrete. Slump-test | Field Test |
| Concrete | BS EN 12350-5 | Testing fresh concrete. Flow table test | Industrial Area (St. No.46) Main Lab |
| Concrete | BS EN 12350-9 | Testing fresh concrete. Self-compacting concrete (V-funnel test) | Industrial Area (St. No.46) Main Lab |
| Concrete | BS EN 12350-10 | Testing fresh concrete. Self-compacting concrete (L-box test) | Industrial Area (St. No.46) Main Lab |
| Concrete | BS EN 12350-12 | Testing fresh concrete. Self-compacting concrete (J-ring test) | Industrial Area (St. No.46) Main Lab |
| Concrete | BS EN 12390-1 | Testing hardened concrete. Shape, dimensions and other requirements for specimens and moulds | Industrial Area (St. No.46) Main Lab |
| Concrete | BS EN 12390-2 | Testing hardened concrete. Making and curing specimens for strength tests | Industrial Area (St. No.46) Main Lab |
| Concrete | BS EN 12390-3 | Testing hardened concrete. Compressive strength of test specimens | Industrial Area (St. No.46) Main Lab |
| Concrete | BS EN 12390-7 | Testing hardened concrete. Density of hardened concrete | Industrial Area (St. No.46) Main Lab |
| Concrete | BS EN 12390-8 | Testing hardened concrete. Depth of penetration of water under pressure | Industrial Area (St. No.46) Main Lab |

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| Concrete | BS EN 12504-1 | Testing concrete in structures. Cored specimens. Taking, examining and testing in compression | Industrial Area (St. No.46) Main Lab and Field Test |
| Concrete | BS EN 13791 | Assessment of in-situ compressive strength in structure and precast concrete | Industrial Area (St. No.46) Main Lab |
| Concrete | QCS 2014:Part 5 Section 6, 6.6.3a ACI 301-16 Section 08 | Thermocouple; Monitoring the concrete temperature in mass concrete | Field Test |
| Dimension Stone | ASTM C97 | Standard Test Method for Absorption and Bulk Specific Gravity of Dimension Stone | Industrial Area (St. No.46) Main Lab |
| Dimension Stone | ASTM C170 | Standard Test Method for Compressive Strength of Dimension Stone | Industrial Area (St. No.46) Main Lab |
| Dimension Stone | ASTM C880 | Standard Test Method for Flexural Strength of Dimension Stone | Industrial Area (St. No.46) Main Lab |
| Geotechnical | ASTM D4543 | Standard Practices for Preparing Rock Core as Cylindrical Test Specimens and Verifying Conformance to Dimensional and Shape Tolerances | Industrial Area (St. No.43) Main Lab |
| Geotechnical | ASTM D5334 | Standard Test Method for Determination of Thermal Conductivity of Soil and Soft Rock by Thermal Needle Probe Procedure | Industrial Area (St. No.43) Main Lab |
| Geotechnical | ASTM D5731 | Standard Test Method for Determination of the Point Load Strength Index of Rock and Application to Rock Strength Classifications | Industrial Area (St. No.43) Main Lab |
| Geotechnical | ASTM D6951 | Use of the Dynamic Cone Penetrometer in Shallow Pavement Applications | Industrial Area (St. No.43) Main Lab |
| Geotechnical | ASTM D7012 | Standard Test Methods for Compressive Strength and Elastic Moduli of Intact Rock Core Specimens under Varying States of Stress and Temperature | Industrial Area (St. No.43) Main Lab |
| Geotechnical | ASTM G57 | Standard Test Method for Field Measurement of Soil Resistivity Using the Wenner Four-Electrode Method | Field Test |
| Geotechnical | BS 1377-5 | Methods of test for soils for civil engineering purposes. Compressibility, permeability and durability tests - Clause 5: Determination of permeability by the constant-head method | Industrial Area (St. No.43) Main Lab |
| Geotechnical | BS 1377-7 | Methods of test for soils for civil engineering purposes. Shear strength tests (total stress) -Clause 4: Determination of shear strength by direct shear (small shear box apparatus) | Industrial Area (St. No.43) Main Lab |
| Geotechnical | BS 1377-9 | Methods for test for soils for civil engineering purposes. In-situ tests – Clause 3.3 Standard penetration test (SPT) | Field Test |
| Geotechnical | BS 5930 | Code of practice for ground investigations (Geotech Sampling & Description) | Field Test |

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| Geotechnical | BS 5930 | Code of practice for ground investigations (Code of Practice for Site Investigation) CL 25: Packer Test | Field Test |
| Geotechnical | BS 5930 | Code of practice for ground investigations (Code of Practice for Site Investigation) CL 25: Permeability Test Constant Head+ Falling Head | Field Test |
| Geotechnical | BS 5930 | Code of practice for ground investigations (Code of Practice for Site Investigation) CL 27: Pumping Test | Field Test |
| Geotechnical | BS 5930 | Code of practice for ground investigations (Section 4 Cl 25.7: Pressuremeter Test) | Field Test |
| Geotextiles | ASTM C203 | Standard Test Methods for Breaking Load and Flexural Properties of Block-Type Thermal Insulation | Industrial Area (St. No.43) Main Lab |
| Geotextiles | ASTM D412 Clause 16 | Standard Test Methods for Vulcanized Rubber and Thermoplastic Elastomers— Tension | Industrial Area (St. No.43) Main Lab |
| Geotextiles | ASTM D543 | Standard Practices for Evaluating the Resistance of Plastics to Chemical Reagents | Industrial Area (St. No.46) Main Lab |
| Geotextiles | ASTM D570 | Standard Test Method for Water Absorption of Plastics | Industrial Area (St. No.43) Main Lab |
| Geotextiles | ASTM D624 Type B Type C | Standard Test Method for Tear Strength of Conventional Vulcanized Rubber and Thermoplastic Elastomers Type B Tear Strength Type C Tear Strength | Industrial Area (St. No.43) Main Lab |
| Geotextiles | ASTM D638 | Standard Test Method for Tensile Properties of Plastics | Industrial Area (St. No.43) Main Lab |
| Geotextiles | ASTM D695 | Standard Test Method for Compressive Properties of Rigid Plastics | Industrial Area (St. No.43) Main Lab |
| Geotextiles | ASTM D751 Clause 18-22 | Standard Test Methods for Coated Fabrics | Industrial Area (St. No.43) Main Lab |
| Geotextiles | ASTM D790 | Standard Test Methods for Flexural Properties of Unreinforced and Reinforced Plastics and Electrical Insulating Materials | Industrial Area (St. No.43) Main Lab |
| Geotextiles | ASTM D792 | Standard Test Method for Density and Specific Gravity (Relative Density) of Plastics by Displacement | Industrial Area (St. No.43) Main Lab |
| Geotextiles | ASTM D882 | Standard Test Method for Tensile Properties of Thin Plastic Sheeting ¹ | Industrial Area (St. No.43) Main Lab |
| Geotextiles | ASTM D1000 | Standard Test Methods for Pressure-Sensitive Adhesive-Coated Tapes Used for Electrical and Electronic Applications (Addition-Pressure -Sensitive Adhesion to Primed Concrete) | Industrial Area (St. No.43) Main Lab |
| Geotextiles | ASTM D1004 | Standard Test Method for Tear Resistance (Graves Tear) of Plastic Film and Sheeting | Industrial Area (St. No.43) Main Lab |

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|-------------|----------------------------------|--|--------------------------------------|
| Geotextiles | ASTM D1204 | Standard Test Method for Linear Dimensional Changes of Nonrigid Thermoplastic Sheeting or Film at Elevated Temperature | Industrial Area (St. No.43) Main Lab |
| Geotextiles | ASTM D1621 | Standard Test Method for Compressive Properties of Rigid Cellular Plastics | Industrial Area (St. No.43) Main Lab |
| Geotextiles | ASTM D1622 | Standard Test Method for Apparent Density of Rigid Cellular Plastics | Industrial Area (St. No.43) Main Lab |
| Geotextiles | ASTM D1751 Sections 5.2-5.4 | Standard Specification for Preformed Expansion Joint Filler for Concrete Paving and Structural Construction (Nonextruding and Resilient Bituminous Types) | Industrial Area (St. No.43) Main Lab |
| Geotextiles | ASTM D2240 Shore D | Standard Test Method for Rubber Property-Durometer Hardness—Durometer Hardness | Industrial Area (St. No.43) Main Lab |
| Geotextiles | ASTM D2842 | Standard Test Method for Water Absorption of Rigid Cellular Plastics | Industrial Area (St. No.43) Main Lab |
| Geotextiles | ASTM D3767 | Standard Practice for Rubber— Measurement of Dimensions | Industrial Area (St. No.43) Main Lab |
| Geotextiles | ASTM D3787 | Standard Test Method for Bursting Strength of Textiles-Constant-Rate-of- Traverse (CRT) Ball Burst Test | Industrial Area (St. No.43) Main Lab |
| Geotextiles | ASTM D4073 | Standard Test Method for Tensile-Tear Strength of Bituminous Roofing Membranes | Industrial Area (St. No.43) Main Lab |
| Geotextiles | ASTM D4354 | Standard Practice for Sampling of Geosynthetics and Rolled Erosion Control Products (RECPs) for Testing | Industrial Area (St. No.43) Main Lab |
| Geotextiles | ASTM D4533 | Standard Test Method for Trapezoid Tearing Strength of Geotextiles | Industrial Area (St. No.43) Main Lab |
| Geotextiles | ASTM D4595 | Standard Test Method for Tensile Properties of Geotextiles by the Wide-Width Strip Method | Industrial Area (St. No.43) Main Lab |
| Geotextiles | ASTM D4751 Method A | Standard Test Methods for Determining Apparent Opening Size of a Geotextile, Method A - Glass Bead Dry Sieving | Industrial Area (St. No.43) Main Lab |
| Geotextiles | ASTM D5034 | Standard Test Method for Breaking Strength and Elongation of Textile Fabrics | Industrial Area (St. No.43) Main Lab |
| Geotextiles | ASTM D5035 | Standard Test Method for Breaking Force and Elongation of Textile Fabrics (Strip Method) | Industrial Area (St. No.43) Main Lab |
| Geotextiles | ASTM D5147 Cl 6, 7, 8, 10, 11 | Standard Test Methods for Sampling and Testing Modified Bituminous Sheet Material CL6 Thickness Cl 7 Load Strain Properties Cl 8 Tear Strength Cl 10 Water Absorption Cl 11 Dimensional Stability | Industrial Area (St. No.43) Main Lab |

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| Geotextiles | ASTM D5199 | Standard Test Method for Measuring the Nominal Thickness of Geosynthetics | Industrial Area (St. No.43) Main Lab |
| Geotextiles | ASTM D5261 | Standard Test Method for Measuring Mass per Unit Area of Geotextiles | Industrial Area (St. No.43) Main Lab |
| Geotextiles | ASTM D5385 | Standard Test Method for Hydrostatic Pressure Resistance of Waterproofing Membranes | Industrial Area (St. No.43) Main Lab |
| Geotextiles | ASTM D6241 | Standard Test Method for Static Puncture Strength of Geotextiles and Geotextile-Related Products Using a 50-mm Probe | Industrial Area (St. No.43) Main Lab |
| Geotextiles | ASTM D6637 Method A | Standard Test Method for Determining Tensile Properties of Geogrids by the Single or Multi-Rib Tensile Method, Method A | Industrial Area (St. No.43) Main Lab |
| Geotextiles | ASTM E96 | Water Vapor Transmission | Industrial Area (St. No.43) Main Lab |
| Geotextiles | ASTM E154 CI 10 | Standard Test Method for Resistance to Puncture | Industrial Area (St. No.43) Main Lab |
| Geotextiles | BS EN ISO 527 | Plastics. Determination of tensile properties. General principles | Industrial Area (St. No.43) Main Lab |
| Geotextiles | BS EN 1849-1 | Flexible sheets for waterproofing. Determination of thickness and mass per unit area. Bitumen sheets for roof waterproofing | Industrial Area (St. No.43) Main Lab |
| Geotextiles | BS EN 1849-2 | Flexible sheets for waterproofing. Determination of thickness and mass per unit area. Plastics and rubber sheets for roof waterproofing | Industrial Area (St. No.43) Main Lab |
| Geotextiles | BS EN ISO 5084 | Textiles -- Determination of thickness of textiles and textile products | Industrial Area (St. No.43) Main Lab |
| Geotextiles | BS EN ISO 9863 Part 1 CI 7.2.1 Procedure C Procedure D | Geosynthetics- Determination of thickness at specified pressures - single layers, CI 7.2.1 – Partial Procedure A Procedure C Procedure D | Industrial Area (St. No.43) Main Lab |
| Geotextiles | BS EN ISO 9864 | Test method for the determination of mass per unit area of geotextiles and geotextile-related products | Industrial Area (St. No.43) Main Lab |
| Geotextiles | BS EN ISO 10319 | Geosynthetics. Wide-width tensile test | Industrial Area (St. No.43) Main Lab |
| Geotextiles | BS EN ISO 11058 | Geotextiles and geotextile-related products —Determination of water permeability characteristics normal to the plane, without load | Industrial Area (St. No.43) Main Lab |
| Geotextiles | BS EN 12127 | Textiles. Fabrics. Determination of mass per unit area using small samples | Industrial Area (St. No.43) Main Lab |
| Geotextiles | BS EN ISO 12236 | Geotextiles and geotextile related products static puncture test (CBR test) | Industrial Area (St. No.43) Main Lab |

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| Geotextiles | BS EN ISO 12956 | Geotextiles and geotextile-related products. Determination of the characteristic opening size | Industrial Area (St. No.43) Main Lab |
| Geotextiles | BS EN ISO 13433 | Geosynthetics - Dynamic perforation test (cone drop test) | Industrial Area (St. No.43) Main Lab |
| Grout | BS EN 445 Cl 4.7 | Grout for prestressing tendons — Test methods Cl 4.7 Fresh density | Industrial Area (St. No.46) Main Lab/ Field Test |
| Grout | BS EN 445 Cl 4.6 | Grout for prestressing tendons — Test methods Cl 4.6 Compressive strength | Industrial Area (St. No.46) Main Lab/ Field Test |
| HDPE | ISO 13953 | Tensile Testing | Industrial Area (St. No.43) Main Lab |
| Masonry | ASTM C140 | Standard Test Methods for Sampling and Testing Concrete Masonry Units and Related Units | Field Test |
| Masonry | BS 6073-1 | Precast concrete masonry units. Specification for precast concrete masonry units | Industrial Area (St. No.46) Main Lab |
| Masonry | BS 6717 | Precast, unreinforced concrete paving blocks. Requirements and test methods | Industrial Area (St. No.46) Main Lab |
| Masonry | BS 6717-1 | Precast concrete paving blocks. Specification for paving blocks (Compressive Strength of paving blocks) | Industrial Area (St. No.46) Main Lab |
| Masonry | BS EN 771-1 | Specification for masonry units. Clay masonry units (Compressive strength and water absorption) | Industrial Area (St. No.46) Main Lab |
| Masonry | BS EN 771-3 | Specification for masonry units. Aggregate concrete masonry units (dense and lightweight aggregates) | Industrial Area (St. No.46) Main Lab |
| Masonry | BS EN 772-1 | Methods of test for masonry units. Determination of compressive strength | Industrial Area (St. No.46) Main Lab |
| Masonry | BS EN 772-16 | Methods of test for masonry units - Determination of dimensions | Industrial Area (St. No.46) Main Lab |
| Masonry | BS EN 1338 | Concrete paving blocks. Requirements and test methods | Industrial Area (St. No.46) Main Lab |
| Masonry | BS EN 1339 | Concrete paving flags. Requirements and test methods - Appendix E: Transverse strength Appendix F: Water absorption | Industrial Area (St. No.46) Main Lab |
| Masonry | BS EN 1340 | Concrete kerb units. Requirements and test methods: Appendix C Dimension: Appendix E Water absorption and Appendix F Transverse strength of kerbs | Industrial Area (St. No.46) Main Lab |
| Masonry | CML 09-1997 | Standard Test Method for determination of Water Absorption of precast concrete paving blocks/ Masonry Units | Industrial Area (St. No.46) Main Lab |
| Metallurgy | ASTM E10 | Standard Test Method for Brinell Hardness of Metallic Materials | Industrial Area (St. No.46) Main Lab |
| Metallurgy | ASTM E18 | Standard Test Methods for Rockwell Hardness of Metallic Materials | Industrial Area (St. No.46) Main Lab |

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| Metallurgy | ASTM E384 | Test Method for Microindentation Hardness of Materials | Industrial Area (St. No.46) Main Lab |
| Metallurgy | BS EN ISO 6506-1 | Metallic materials — Brinell hardness test — Part 1: Test method | Industrial Area (St. No.46) Main Lab |
| Metallurgy | BS EN ISO 6507-1 | Metallic materials — Vickers hardness test — Part 1: Test method | Industrial Area (St. No.46) Main Lab |
| Metallurgy | BS EN ISO 6508-1 | Metallic materials — Rockwell hardness test — Part 1: Test method (scales A, B, C) | Industrial Area (St. No.46) Main Lab |
| Metallurgy | BS EN ISO 9015-1 | Destructive tests on welds in metallic materials — Hardness testing — Part 1: Hardness test on arc welded joints | Industrial Area (St. No.46) Main Lab |
| Metallurgy | BS EN 17639 | Destructive tests on welds in metallic materials. Macroscopic and microscopic examination of welds | Industrial Area (St. No.46) Main Lab / Field Test |
| Metallurgy | ISO 945-1 | Microstructure of cast irons — Part 1: Graphite classification by visual analysis | Industrial Area (St. No.46) Main Lab / Field Test |
| NDT | ASME Section V | Dye penetration test | Industrial Area (St. No.43) Main Lab/ Field Test |
| NDT | ASME Section V | Magnetic particle inspection | Industrial Area (St. No.43) Main Lab/ Field Test |
| NDT | ASME Section V | Ultrasonic test -Welding | Industrial Area (St. No.43) Main Lab/ Field Test |
| NDT | ASTM C805 | Standard Test Method for Rebound Number of Hardened Concrete | Industrial Area (St. No.46) Main Lab/ Field Test |
| NDT | ASTM C876 | Standard Test Method for Half-Cell Potentials of Uncoated Reinforcing Steel in Concrete | Field Test |
| NDT | ASTM D4541 | Standard Test Method for Pull-Off Strength of Coatings Using Portable Adhesion Testers | Field Test |
| NDT | ASTM D4945 | Standard Test Method for High-Strain Dynamic Testing of Deep Foundations | Field Test |
| NDT | ASTM D5882 | Standard Test Method for Low Strain Impact Integrity Testing of Deep Foundations | Field Test |
| NDT | ASTM D6132 | Standard Test Method for Nondestructive Measurement of Dry Film Thickness of Applied Organic Coatings Using an Ultrasonic Coating Thickness Gage | Field Test |
| NDT | ASTM D6167 | Standard Guide for Conducting Borehole Geophysical Logging: Mechanical Caliper | Field Test |
| NDT | ASTM D6760 | Standard Test Method for Integrity Testing of Concrete Deep Foundations by Ultrasonic Cross hole Testing | Field Test |

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| NDT | ASTM E10 | Standard Test Method for Brinell Hardness of Metallic Materials | Industrial Area (St. No.43) Main Lab |
| NDT | ASTM E18 | Standard Test Methods for Rockwell Hardness of Metallic Materials | Industrial Area (St. No.43) Main Lab |
| NDT | ASTM G62 | Standard Test Methods for Holiday Detection in Pipeline Coatings | Industrial Area (St. No.43) Main Lab/ Field Test |
| NDT | BS 1881-204 | Testing concrete. Recommendations on the use of electromagnetic covermeters | Industrial Area (St. No.46) Main Lab |
| NDT | BS EN 124 | Gully tops and manhole tops for vehicular and pedestrian areas 0 Design requirements, type testing, marking, quality control | Industrial Area (St. No.43) Main Lab |
| NDT | BS EN 12504-2 | Testing concrete in structures. Non-destructive testing. Determination of rebound number | Industrial Area (St. No.46) Main Lab/ Field Test |
| NDT | BS EN 12504-4 | Testing concrete. (Determination of ultrasonic pulse velocity) | Field Test |
| NDT | Internal Procedure | GRP Pipe Deflection test (Mandrel method) | Field Test |
| NDT | Microscope manual | Crack width measurement using microscope | Field Test |
| NDT | NT BUILD 492 | Chloride migration test | Industrial Area (St. No.46) Main Lab |
| NDT-metals | ASTM D4787 | Standard Practice for Continuity Verification of Liquid or Sheet Linings Applied to Concrete Substrates | Field Test |
| NDT-metals | ASTM D5162 | Standard Practice for Discontinuity (Holiday) Testing of Nonconductive Protective Coating on Metallic Substrates | Field Test |
| Noise Monitoring | ASTM E1503 | Standard Test Method for Conducting Outdoor Sound Measurements Using a Statistical Sound Analysis System | Field Test |
| Paint | ASTM C1353 | Standard Test Method for Abrasion Resistance of Dimension Stone Subjected to Foot Traffic Using a Rotary Platform Abraser | Industrial Area (St. No.46) Main Lab |
| Paint | ASTM D4060 | Standard Test Method for Abrasion Resistance of Organic Coatings by the Taber Abraser | Industrial Area (St. No.46) Main Lab |
| Soil | ASTM C702 | Standard Practice for Reducing Samples of Aggregate to Testing Size | Industrial Area (St. No.43) Main Lab |
| Soil | ASTM D1140 | Standard Test Methods for Determining the Amount of Material Finer than 75- μ m (No. 200) Sieve in Soils by Washing | Industrial Area (St. No.43) Main Lab |
| Soil | ASTM D1196 | Standard Test Method for Non-repetitive Static Plate Load Tests of Soils and Flexible Pavement Components, for Use in Evaluation and Design of Airport and Highway Pavements | Field Test |

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| Soil | ASTM D1556 | Standard Test Method for Density and Unit Weight of Soil in Place by Sand-Cone Method | Field Test |
| Soil | ASTM D1557 | Standard Test Methods for Laboratory Compaction Characteristics of Soil Using Modified Effort (56,000 ft-lbf/ft ³ (2,700 kN-m/m ³)) | Industrial Area (St. No.43) Main Lab |
| Soil | ASTM D1883 | Standard Test Method for California Bearing Ratio (CBR) of Laboratory-Compacted Soils | Industrial Area (St. No.43) Main Lab |
| Soil | ASTM D2216 | Standard Test Methods for Laboratory Determination of Water (Moisture) Content of Soil and Rock by Mass | Industrial Area (St. No.43) Main Lab |
| Soil | ASTM D2419 | Standard Test Method for Sand Equivalent, Value of Soils and Fine Aggregate | Industrial Area (St. No.43) Main Lab |
| Soil | ASTM D2487 | Standard Practice for Classification of Soils for Engineering Purposes (Unified Soil Classification System) | Industrial Area (St. No.43) Main Lab |
| Soil | ASTM D2488 | Standard Practice for Description and Identification of Soils (Visual-Manual Procedure) | Industrial Area (St. No.43) Main Lab |
| Soil | ASTM D3282 | Standard Practice for Classification of Soils and Soil-Aggregate Mixtures for Highway Construction Purposes | Industrial Area (St. No.43) Main Lab |
| Soil | ASTM D4318 | Standard Test Methods for Liquid Limit, Plastic Limit, and Plasticity Index of Soils | Industrial Area (St. No.43) Main Lab |
| Soil | ASTM D4429 | Standard Test Method for CBR (California Bearing Ratio) of Soils in Place | Field Test |
| Soil | ASTM D4718 | Standard Practice for Correction of Unit Weight and Water Content for Soils Containing Oversize Particles | Industrial Area (St. No.43) Main Lab |
| Soil | ASTM D4944 | Standard Test Method for Field Determination of Water (Moisture) Content of Soil by the Calcium Carbide Gas Pressure Tester | Field Test |
| Soil | ASTM D6913 | Standard Test Methods for Particle-Size Distribution (Gradation) of Soils Using Sieve Analysis | Industrial Area (St. No.43) Main Lab |
| Soil | ASTM D6938 | Standard Test Methods for In-Place Density and Water Content of Soil and Soil-Aggregate by Nuclear Methods (Shallow Depth) | Field Test |
| Soil | ASTM D7830 | Soil- Non nuclear Density Gauge | Field test |
| Soil | BS 1377-1 | Methods of test for soils for civil engineering purposes. General requirements and sample preparation | Industrial Area (St. No.43) Main Lab/ Field Test |
| Soil | BS 1377-2 | Methods for test for soils for civil engineering purposes. In-situ tests – Clause 3 Moisture Content | Industrial Area (St. No.43) Main Lab |

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| Soil | BS 1377-2 | Methods of test for soils for civil engineering purposes. Classification tests Clause 5: plasticity index CL 4 Liquid Limit | Industrial Area (St. No.43) Main Lab |
| Soil | BS 1377-2 Section 8 | Methods of test for soils for civil engineering purposes. Classification tests- (Section 8 Particle density Test) | Industrial Area (St. No.43) Main Lab |
| Soil | BS 1377-2 Section 9 | Soil Sieve Analysis/Mat finer than 63 microns | Industrial Area (St. No.43) Main Lab |
| Soil | BS 1377-3 Section 4 | Methods of Test for Soils for Civil Engineering Purposes: Chemical and Electrochemical Tests - Determination of Organic Matter Content | Industrial Area (St. No.46) Main Lab |
| Soil | BS 1377-3 Section 7.3 | Methods of Test for Soils for Civil Engineering Purposes: Chemical and Electrochemical Tests – Determination of Water-Soluble Sulfate in Soil (WS) | Industrial Area (St. No.46) Main Lab |
| Soil | BS 1377-3 Section 7.9 | Methods of Test for Soils for Civil Engineering Purposes: Chemical and Electrochemical Tests – Determination of Acid-Soluble Sulfate (AS) | Industrial Area (St. No.46) Main Lab |
| Soil | BS 1377-3 Section 9.2 | Methods of Test for Soils for Civil Engineering Purposes: Chemical and Electrochemical Tests – Determination of Water-Soluble Chloride Content | Industrial Area (St. No.46) Main Lab |
| Soil | BS 1377-3 Section 9.3 | Methods of Test for Soils for Civil Engineering Purposes: Chemical and Electrochemical Tests - Determination of Acid-Soluble Chloride Content | Industrial Area (St. No.46) Main Lab |
| Soil | BS 1377-3 Section 11 | Methods of Test for Soils for Civil Engineering Purposes: Chemical and Electrochemical Tests – Determination of Total Dissolved Solids | Industrial Area (St. No.46) Main Lab |
| Soil | BS 1377-3 Section 12 | Methods of Test for Soils for Civil Engineering Purposes: Chemical and Electrochemical Tests – Determination of pH Value (Soil and Groundwater) | Industrial Area (St. No.46) Main Lab |
| Soil | BS 1377-4 | Methods of tests for soils for civil engineering purposes: Compaction related tests- Section 3 Determination of Dry Density/Moisture Content/Correction of unit weight | Industrial Area (St. No.43) Main Lab |
| Soil | BS 1377-4 | Methods of test for soils for civil engineering purposes. Compaction-related tests Section 7: California Bearing Ratio test | Industrial Area (St. No.43) Main Lab |
| Soil | BS 1377-9 | Methods for test for soils for civil engineering purposes. In-situ tests (Non Repetitive Plate load test) | Field Test |

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| Soil | BS 1377-9 | Methods for test for soils for civil engineering purposes. Clauses 2.1 & 2.2 - In-situ tests Field Density (Sand Replacement) | Field Test |
| Soil | BS 1377-9 | Methods for test for soils for civil engineering purposes. In-situ tests – Clause 2.5 In-situ Density Test (Nuclear Method) | Field Test |
| Soil | BS 1377-9 | Methods for test for soils for civil engineering purposes. In-situ tests: (Clause 4.1 Plate load test) | Field Test |
| Soil | BS 1377-9 | Methods for test for soils for civil engineering purposes. In-situ tests – Clause 4.3 Field CBR | Field Test |
| Soil | BS 1924-2 | Hydraulically bound and stabilized materials for civil engineering purposes. Sample preparation and testing of materials during and after treatment (Method of Test for Cement Stabilized Materials CL 1.3.3, 1.3.7, 1.4.4, 1.4.5, 1.4.6, 2.1.4, 3.1 & 4.2) | Industrial Area (St. No.46) Main Lab/ Field Test |
| Soil | BS EN 933-8 | Tests for geometrical properties of aggregates. Assessment of fines. Sand equivalent test | Industrial Area (St. No.43) Main Lab |
| Steel | ASTM A370 | Standard Test Methods and Definitions for Mechanical Testing of Steel Products | Industrial Area (St. No.43) Main Lab |
| Steel | ASTM A615 | Steel for the reinforcement of concrete. Weldable reinforcing steel. Bar, coil and decoiled product. Specification | Industrial Area (St. No.43) Main Lab |
| Steel | ASTM A706 | Standard Specification for Deformed and Plain Low-Alloy Steel Bars for Concrete Reinforcement | Industrial Area (St. No.43) Main Lab |
| Steel | ASTM A1038 | Standard Test Method for Portable Hardness Testing by the Ultrasonic Contact Impedance Method | Industrial Area (St. No.43) Main Lab |
| Steel | ASTM E110 | Standard Test Method for Rockwell and Brinell Hardness of Metallic Materials by Portable Hardness Testers | Industrial Area (St. No.43) Main Lab |
| Steel | BS EN 10025-2 Clause 10.2.1 | Tensile Testing | Industrial Area (St. No.43) Main Lab |
| Steel | BS EN ISO 898-1 Clause 9.2, Clause 9.3 | Mechanical properties of fasteners made of carbon steel and alloy steel Part 01 | Industrial Area (St. No.43) Main Lab |
| Steel | BS EN ISO 15630-1 | Testing of Carbon steel bars for tensile and Rebend test | Industrial Area (St. No.43) Main Lab |
| Steel | ISO 1083 Clause 9.1 | Tensile Testing | Industrial Area (St. No.43) Main Lab |
| Steel | ISO 6892-1 | Testing of Carbon steel bars for tensile and Rebend test | Industrial Area (St. No.43) Main Lab |

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| Terrazzo Tile | BS EN 13748-1 CI 4.2.1, 4.2.2, 4.2.6, 5.1, 5.2, 5.5, 5.8 | Terrazzo Tiles For Internal Use- Dimensions, breaking strength, breaking load, Flexural strength, water absorption CI 4.2.1, 4.2.2, 4.2.6, 5.1, 5.2, 5.5, 5.8 | Industrial Area (St. No.46) Main Lab |
| Terrazzo Tile | BS EN 13478-2 CI 4.2.1, 4.2.2, 4.2.6, 5.1, 5.2, 5.5, 5.8 | Terrazzo Tiles For external use- Dimensions, breaking strength, breaking load, Flexural strength, water absorption CI 4.2.1, 4.2.2, 4.2.6, 5.1, 5.2, 5.5, 5.8 | Industrial Area (St. No.46) Main Lab |