



INTERNATIONAL
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CERTIFICATE OF ACCREDITATION

This is to attest that

DUROCRETE ENGINEERING SERVICES PRIVATE LTD.

PLOT NO A387, CP TALAV, RAM NAGAR, RD NUMBER 28 NEAR SADHANA JUNIOR COLLEGE
THANE, MH, 400604, INDIA

Testing Laboratory TL-1123

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 January 23, 2025



International Accreditation Service
Issued under the authority of IAS management

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DUROCRETE ENGINEERING SERVICES PRIVATE LTD.

www.durocrete.in

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Accredited to ISO/IEC 17025:2017

Effective Date January 23, 2025

| Mechanical and Chemical | |
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| ASTM C471M-20a | Test Method for Chemical analysis of Gypsum and Gypsum Products. Excluding clause 9 |
| ASTM C1202 | Standard Test Method for Electrical Indication of Concrete's Ability to Resist Chloride Ion Penetration |
| ASTM C1660-10 | Standard Specification for Thin-bed Mortar for Autoclaved Aerated Concrete (AAC) Masonry |
| BS 1881-122 | Method for determination of water absorption. |
| BS 1881: Part 124 | BS 1881 Part 124: Method for Analysis of Harnened Concrete Inclusion: clause 10.2, 10.3 |
| BS 1881-204 | Testing concrete Recommendations on the use of electromagnetic cover meters. |
| BS EN 1015 Part 1 | Determination of particle size distribution (by sieve analysis) |
| BS EN 1015 Part 3 | Determination of consistency of fresh mortar (by flow table). |
| BS EN 1015 Part 6 | Determination of bulk density of fresh mortar. |
| BS EN 1015 Part 10 | Determination of dry bulk density of hardened mortar |
| BS EN 1015 Part 11 | Determination of flexural and compressive strength of hardened mortar |
| BS EN 1015 Part 12 | Determination of adhesive strength of hardened rendering and plastering mortars on substrates. |
| IS 101: Part 1: Sec 5 Inclusion: Clause 3 | Methods Of Sampling And Test For Paints, Varnishes And Related Products Part 1 Tests On Liquid Paints (general And Physical) Sec 5 Consistency |
| IS 101: Part 1: Sec 7 | Methods of Sampling and Test for Paints, Varnishes and Related Products Part 1 Test on Liquid Paints (General and Physical) Section 7 Mass per 10 litres " Determination of density" Pycnometer method. |
| IS 101: Part 3: Sec 1 | Methods Of Sampling And Test For Paints, Varnishes And Related Products Part 3 Tests On Paint Film Formation Sec 1 Drying Time |
| IS 101: Part 3: Sec 2 Inclusion: Method 3 | Methods Of Sampling And Test For Paints, Varnishes And Related Products Part 3 Tests On Paint Film Formation Sec 2 Film Thickness. |
| IS 101: Part 3: Sec 4 | Methods of sampling and test for paints, varnishes and related products part 3 Test on paint film formation sec 4 Finish |
| IS 101: Part 4: Sec 4 | Methods of Sampling and Test for Paints, Varnishes and Related Products Part 4 Optical Test Section 4 Gloss â€" Determination of gloss value at 20Â°, 60Â° and 85Â° |
| IS 101: Part 5: Sec 2 | Methods of sampling and test for paints, varnishes and related products part 5 Mechanical test on paint films Sec 2 Flexibility and adhesion |
| IS 101: Part 8: Sec 2 | Methods of sampling and test for paints, varnishes and related products Part 8 Tests for pigments and other solids Sec 2 Pigments and non-volatile matter |
| IS 101: Part 8: Sec 3 | Methods of sampling and test for paints, varnishes and related products: Part 8 Tests for pigments and other solids: Sec 3 Ash content |

TL-1123

DUROCRETE ENGINEERING SERVICES PRIVATE LTD.

Effective Date January 23, 2025

Page 2 of 6

IAS/TL/100-1



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| IS 516: Part 1: Sec 1 | Hardened concrete methods of test part 1 testing of strength of hardened concrete section 1 compressive, flexural and split tensile strength. |
| IS 516: Part 2: Sec 1 | Hardened Concrete — Methods of Test Part 2 Properties of Hardened Concrete other than Strength Section 1 Density of Hardened Concrete and Depth of Water Penetration Under Pressure |
| IS 516: Part 2: Sec 2 | Methods of Test Part 2 Properties of Hardened Concrete other than Strength Section 2 Initial surface absorption. |
| IS 516: Part 4 | Hardened Concrete —Methods of Test Part 4 Sampling, Preparing and Testing of Concrete Cores. |
| IS 516: Part 5: Sec 1 | Hardened Concrete —Methods of Test Part 5 Non-destructive Testing of Concrete Section 1 Ultrasonic Pulse Velocity Testing. |
| IS 516: Part 5: Sec 2 | Hardened concrete-methods of test part 5 non-destructive testing section 2 half-cell potentials of uncoated reinforcing steel in concrete. |
| IS 516: Part 5: Sec 3 | Hardened Concrete - Methods of Test Part 5 Non-Destructive Testing of Concrete Section 3 Carbonation Depth Test. |
| IS 516: Part 5: Sec 4 | Hardened Concrete- Methods of Test Part 5 Non-Destructive Testing of Concrete Section 4 Rebound Hammer Test. |
| IS 516: Part 6 | Hardened Concrete — Methods of Test Part 6 Determination of Drying Shrinkage and Moisture Movement of Concrete Samples |
| IS 516: Part 8: Sec 1 | Hardened Concrete -Methods of Test Part 8 Determination of Modulus of Elasticity Section 1 Static Modulus of Elasticity and Poisson's Ratio in Compression |
| IS 1077 | Common Burnt Clay Building Bricks -Specification |
| IS 1121: Part 1 | Determination of Strength Properties of Natural Building Stones - Methods of Test Part 1 Compressive Strength |
| IS 1121: Part 2 | Determination of Strength Properties of Natural Building Stones - Methods of Test Part 2 Transverse Strength |
| IS 1124 | Method of test for determination of water absorption, apparent specific gravity and porosity of natural building stones |
| IS 1199: Part 2 (Excluding 4.4, 4.5, 4.6) | Fresh Concrete— Methods of Sampling, Testing and Analysis Part 2 Determination of Consistency of Fresh Concrete. |
| IS 1199: Part 7 | Fresh Concrete — Methods of Sampling, Testing and Analysis Part 7 Determination of Setting Time of Concrete by Penetration Resistance. |
| IS 1237 Inclusion: Annexure E & F | Cement Concrete Flooring Tiles – Specification |
| IS 1599 | Metallic Materials - Bend Test |
| IS 1608: Part 1 | Metallic materials - Tensile testing - Part 1 : Method of test at room temperature |
| IS 1727 | Methods of test for Pozzolan materials |
| IS 1734: Part 1 | Methods of test for plywood - Determination of density and moisture content |
| IS 1734: Part 2 | Methods of test for plywood - Determination of resistance to dry heat |
| IS 1734: Part 5 | Methods of test for plywood - Test for adhesion of plies |
| IS 1734: Part 6 | Methods of test for plywood - Determination of water resistance |
| IS 1734: Part 18 | Methods of test for plywood - Impact resistance Test |
| IS 1786 | High strength deformed steel bars and wires for concrete reinforcement |
| IS 2185: Part 1 | Concrete masonry units - : Part 1 Hollow and solid concrete blocks |
| IS 2185: Part 3 | Concrete Masonry Units Part 3 Autoclaved Cellular Aerated Concrete Blocks |
| IS 2386: Part 1 | Methods of Test for Aggregates for Concrete - Part I : Particle Size and Shape |
| IS 2386: Part 2 | Methods of test for aggregates for concrete Part 2 Estimation of deleterious materials and organic impurities |

TL-1123

DUROCRETE ENGINEERING SERVICES PRIVATE LTD.

Effective Date January 23, 2025

Page 3 of 6

IAS/TL/100-1



SCOPE OF ACCREDITATION

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| IS 2386: Part 3 | Methods of test for aggregates for concrete Part 3 Specific gravity, density, voids, absorption and bulking |
| IS 2386: Part 4 (Excluding Sec. 6) | Methods of test for aggregates for concrete Part 4 Mechanical properties Exclusion – Determination of Polished Stone Value |
| IS 2386: Part 5 | Methods of Test for Aggregates for Concrete - Part V: Soundness |
| IS 2386: Part 7 | Methods of Test for Aggregates for Concrete - Part VII : Alkali Aggregate Reactivity |
| IS 2542: Part 1: Sec 1 to 12 (Inclusion Parts 1,3,5,6,12) | Methods of Test for Gypsum Plaster, Concrete and Products - Part I : Plaster and Concrete |
| IS 2547: Part 1 | Gypsum building plaster: Part 1 Excluding premixed lightweight plaster |
| IS 2547: Part 2 | Gypsum building plaster: Part 2 Premixed lightweight plaster |
| IS 2720: Part 2 | Methods of test for soils: Part 2 Determination of water content |
| IS 2720: Part 3: Sec 1 | Methods of test for soils: Part 3 Determination of specific gravity, Section 1 Fine grained soils. |
| IS 2720: Part 3: Sec 2 | Methods of test for soils: Part 3 Determination of specific gravity, Section 2 Coarse grained soils |
| IS 2720: Part 4 | Methods of test for soils: Part 4 Grain size analysis |
| IS 2720: Part 5 | Methods of test for soils: Part 5 Determination of liquid and plastic limit. |
| IS 2720: Part 6 | Methods of test for soils: Part 6 Determination of shrinkage factors |
| IS 2720: Part 7 | Methods of test for soils: Part 7 Determination of water content-dry density relation using light compaction. |
| IS 2720: Part 8 | Methods of test for soils: Part 8 Determination of water content-dry density relation using heavy compaction. |
| IS 2720: Part 16 | Methods of test for soils: Part 16 Laboratory determination of CBR |
| IS 2720: Part 22 | Methods of test for soils: Part 22 Determination of organic Matter |
| IS 2720: Part 26 | Method of test for soils: Part 26 Determination of pH value |
| IS 2720: Part 27 Inclusion: Clause 2 | Methods of test for soils: Part 27 Determination of total soluble sulphates |
| IS 2720: Part 28 | Method of test for soils: Part 28 Determination of Dry Density Of Soils In - Place By The Sand Replacement Method. |
| IS 2720: Part 29 | Method of test for soils: Part 29 Methods of test for soils: Determination of Dry Density Of Soils In- Place By The Core-Cutter Method |
| IS 2720: Part 40 | Methods of test for soils: Part 40 Determination of free swell index of soils. |
| IS 3025: Part 11 | Methods of sampling and test (physical and chemical) for water and wastewater Part 11 pH value Second Revision |
| IS 3025: Part 15 | Methods of sampling and test (physical and chemical) for water and wastewater : Part 15 Total residue (total solids-dissolved and suspended) |
| IS 3025: Part 17 | Methods of Sampling and Test Physical and Chemical for Water and Waste Water Part 17 Non-Filterable Residue Total Suspended Solids at 103°C-105°C Second Revision |
| IS 3025: Part 18 | Methods of Sampling and Test (Physical and Chemical) for Water and Wastewater - Part 18 Volatile and Fixed Solids (Total, Filterable and Non-Filterable) at 550°C |
| IS 3025: Part 21 Exclusion: Clause 6,7 | Methods of sampling and test (physical and chemical) for water and wastewater : Part 21 Total hardness |
| IS 3025: Part 22 | Methods of Sampling and Test (Physical and Chemical) for Water and Waste Water - Part 22 : Acidity |

TL-1123

DUROCRETE ENGINEERING SERVICES PRIVATE LTD.

Effective Date January 23, 2025

Page 4 of 6

IAS/TL/100-1



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International Accreditation Service, Inc.

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| IS 3025: Part 23 | Methods of sampling and test (physical and chemical) for water and wastewater : Part 23 Alkalinity |
| IS 3025: Part 24 Inclusion: Clause 2 | Methods of sampling and test (physical and chemical) for water and wastewater : Part 24 Sulphates |
| IS 3025: Part 32 Inclusion: Clause 2 | Methods of sampling and test (physical and chemical) for water and wastewater : Part 32 Chloride |
| IS 3495: Part 1 | Burnt Clay Building Bricks — Methods of Tests Part 1 Determination of Compressive Strength |
| IS 3495: Part 2 | Burnt Clay Building Bricks — Methods of Tests Part 2 Determination of Water Absorption |
| IS 3495: Part 3 | Burnt Clay Building Bricks — Methods of Tests Part 3 Determination of Efflorescence |
| IS 3812: Part 1 | Pulverized Fuel Ash - Part 1 : For Use as Pozzolana in Cement, Cement Mortar and Concrete |
| IS 4020: Part 1 to 16 (Including Parts 8,10,13,14,15,16) | Door Shutters - Methods of Tests |
| IS 4031: Part 1 | Methods of physical tests for hydraulic cement: Part 1 Determination of fineness by dry sieving |
| IS 4031: Part 2 | Methods of physical tests for hydraulic cement: Part 2 Determination of fineness by specific surface by Blaine air permeability method |
| IS 4031: Part 3 | Methods of physical tests for hydraulic cement: Part 3 Determination of soundness |
| IS 4031: Part 4 | Methods of physical tests for hydraulic cement: Part 4 Determination of consistency of standard cement paste |
| IS 4031: Part 5 | Methods of physical tests for hydraulic cement: Part 5 Determination of initial and final setting times |
| IS 4031: Part 6 | Methods of physical tests for hydraulic cement: Part 6 Determination of compressive strength of hydraulic cement (other than masonry cement) |
| IS 4031: Part 10 | Methods of physical tests for hydraulic cement: Part 10 Determination of drying shrinkage |
| IS 4031: Part 11 | Methods of physical tests for hydraulic cement: Part 11 Determination of density |
| IS 4032 Exclusion: Clause 5 | Method of chemical analysis of hydraulic cement |
| IS 6441: Part 1 | Methods of test for autoclaved cellular concrete products: Part I Determination of unit weight or bulk density and moisture content |
| IS 6441: Part 2 | Methods of Test for Autoclaved Cellular Concrete Products - Part II : Determination of Drying Shrinkage. |
| IS 6441: Part 5 | Methods of Test for Autoclaved Cellular Concrete Products - Part V : Determination of Compressive Strength |
| IS 6925 | Specification for Methods of Test for Determination of Water-Soluble Chlorides in Concrete Admixtures |
| IS 6932: Part 1 | Method of test for building limes Part 1 Determination of insoluble residue, loss on ignition, insoluble matter, silicone dioxide, ferric and aluminium oxide, calcium oxide and magnesium oxide |
| IS 9013 | Method of making, curing and determining compressive strength of accelerated cured concrete test specimens. |
| IS 9103 Exclusion: ANNEX B | Specification for Concrete Admixtures |

TL-1123

DUROCRETE ENGINEERING SERVICES PRIVATE LTD.

Effective Date January 23, 2025

Page 5 of 6

IAS/TL/100-1



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| IS 9143 | Method for the determination of unconfined compressive strength of rock materials |
| IS 12894 | Pulverized Fuel Ash-Lime Bricks. |
| IS 13030 | Method of test for laboratory determination of water content, porosity, density and related properties of rock material |
| IS 13630: Part 1 | Ceramic Tiles — Methods of Test, Sampling and Basis for Acceptance Part 1 Determination of Dimensions and Surface Quality |
| IS 13630: Part 2 Exclusion clause 5.2 | Ceramic Tiles — Methods of Test, Sampling and Basis for Acceptance Part 2 Determination of Water Absorption and Bulk Density |
| IS 13630: Part 3 Exclusion clause 5.1 | Ceramic Tiles — Methods of Test, Sampling and Basis for Acceptance Part 3 Determination of Moisture Expansion Using Boiling Water |
| IS 13630: Part 5 | Ceramic Tiles — Methods of Test, Sampling and Basis for Acceptance Part 5 Determination of Resistance to Thermal Shock. |
| IS 13630: Part 6 | Ceramic Tiles — Methods of Test, Sampling and Basis for Acceptance Part 6 Determination of Modulus of Rupture and Breaking Strength |
| IS 13630: Part 7 | Ceramic Tiles — Methods of Test, Sampling and Basis for Acceptance Part 7 Determination of Stain and Chemical Resistance of Unglazed Tiles |
| IS 13630: Part 8 | Ceramic Tiles — Methods of Test, Sampling and Basis for Acceptance Part 8 Determination of Stain and Chemical Resistance of Glazed Tiles |
| IS 13630: Part 9 | Ceramic Tiles — Methods of Test, Sampling and Basis for Acceptance Part 9 Determination of Craze Resistance of Glazed Tiles |
| IS 13630: Part 13 | Ceramic Tiles — Methods of Test Sampling and Basis for Acceptance Part 13 Determination of Scratch Hardness of Surface According to Mohs' Scale |
| IS 13757 | Burnt Clay Fly Ash Building Bricks-specification |
| IS 13801 Inclusion: Annexure E & F | Chequered Cement Concrete Tiles- Specification |
| IS 14223: Part 1 | Polished Building Stones: Part 1 Granite |
| IS 14268 | Uncoated Stress Relieved Low Relaxation Seven-Wire (Ply) Strand for Pre-stressed Concrete - Specification |
| IS 15388 | Specification for Silica Fume |
| IS 15489 Inclusion: Annex F, H, J | Paint, Plastic Emulsion - Specification |
| IS 15658 Excluding Annexure E & H | Concrete Paving Blocks – Specification |
| IS 16172 Exclusion: Clause 9.3, 9.4, 9.5 | Reinforcement Couplers for Mechanical Splices of Bars in Concrete – Specification. |