National Accreditation Board for Testing and Calibration Laboratories

# CERTIFICATE OF ACCREDITATION

## ACADEMY OF CONCRETE TECHNOLOGY AND LABORATORY (ACT)

**has been assessed and accredited in accordance with the standard**

## ISO/IEC 17025:2017

## "General Requirements for the Competence of Testing & Calibration Laboratories"

**for its facilities at**

**#612, SMV LAYOUT, 6TH BLOCK, 80FT ROAD, HILLROCK SCHOOL ROAD, BENGALURU, KARNATAKA, INDIA**

**in the field of**

## TESTING

**Certificate Number:** NABLT1026KA19862

**Issue Date:** 26/10/2026 **Valid Until:** 25/10/2030

**This certificate remains valid for the Scope of Accreditation as specified in the annexure subject to continued satisfactory compliance to the above standard & the relevant requirements of NABL.**

**(To see the scope of accreditation of this laboratory, you may also visit NABL website www.nabl-india.org)**

**Name of Legal Entity:** ACADEMY OF CONCRETE TECHNOLOGY AND LABORATORY (ACT) PRIVATE LIMITED

**Signed for and on behalf of NABL**

Anuja Anand
Director

Dr. Ramanand N. Shukla
Chief Executive Officer

# National Accreditation Board for Testing and Calibration Laboratories

## SCOPE OF ACCREDITATION

**Laboratory Name :** ACADEMY OF CONCRETE TECHNOLOGY AND LABORATORY (ACT), #612, SMV LAYOUT, 6TH BLOCK, 80FT ROAD, HILLROCK SCHOOL ROAD, BENGALURU, KARNATAKA, INDIA

**Accreditation Standard** ISO/IEC 17025:2017

**Certificate Number** NABLT1026KA19862 **Page No** 1 of 27

**Validity** 26/10/2026 to 25/10/2030 **Last Amended on** -

| S.No | Discipline / Group | Materials or Products tested | Component, parameter or characteristic tested / Specific Test Performed / Tests or type of tests performed | Test Method Specification against which tests are performed and / or the techniques / equipment used |
|---|---|---|---|---|
| Permanent Testing | | | | |
| 1 | CHEMICAL- BUILDING MATERIAL | Admixture | Ash Content | IS 9103 |
| 2 | CHEMICAL- BUILDING MATERIAL | Admixture | Chloride Content | IS 6925 |
| 3 | CHEMICAL- BUILDING MATERIAL | Admixture | Dry Material Content | IS 9103 |
| 4 | CHEMICAL- BUILDING MATERIAL | Admixture | pH | IS 9103 |
| 5 | CHEMICAL- BUILDING MATERIAL | Admixture | Relative Density | IS 9103 |
| 6 | CHEMICAL- BUILDING MATERIAL | Aggregate - Coarse & Fine | Total Sulphate content | IS 4032 |
| 7 | CHEMICAL- BUILDING MATERIAL | Aggregate - Coarse & Fine | Alkali Aggregate Reactivity - Dissolved Silica | IS 2386 (Part 7) |
| 8 | CHEMICAL- BUILDING MATERIAL | Aggregate - Coarse & Fine | Alkali Aggregate Reactivity - Reduction in Alkalinity | IS 2386 (Part 7) |
| 9 | CHEMICAL- BUILDING MATERIAL | Aggregate - Coarse & Fine | Light Weight Pieces (coal & lignite) | IS 2386 (Part 2) |
| 10 | CHEMICAL- BUILDING MATERIAL | Aggregate - Coarse & Fine | Soundness (Magnesium sulphate) | IS 2386 (Part 5) |
| 11 | CHEMICAL- BUILDING MATERIAL | Aggregate - Coarse & Fine | Soundness (Sodium Sulphate) | IS 2386 (Part 5) |
| 12 | CHEMICAL- BUILDING MATERIAL | Aggregate - Coarse & Fine | Water Soluble Chloride | IS 14959 Part 2 |
| 13 | CHEMICAL- BUILDING MATERIAL | Aggregate - Fine | Organic Impurities | IS 2386 (Part 2) |
| 14 | CHEMICAL- BUILDING MATERIAL | Bipolar Concrete penetrating corrosion inhibiting admixture | Appearance | RDSO Specification No. M&C/ PCN/ 126 /2020 |
| 15 | CHEMICAL- BUILDING MATERIAL | Bipolar Concrete penetrating corrosion inhibiting admixture | Odour | RDSO Specification No. M&C/ PCN/ 126 /2020 |

# SCOPE OF ACCREDITATION

**Laboratory Name :** ACADEMY OF CONCRETE TECHNOLOGY AND LABORATORY (ACT), #612, SMV LAYOUT, 6TH BLOCK, 80FT ROAD, HILLROCK SCHOOL ROAD, BENGALURU, KARNATAKA, INDIA

**Accreditation Standard** ISO/IEC 17025:2017

**Certificate Number** NABLT1026KA19862 **Page No** 2 of 27

**Validity** 26/10/2026 to 25/10/2030 **Last Amended on** -

| S.No | Discipline / Group | Materials or Products tested | Component, parameter or characteristic tested / Specific Test Performed / Tests or type of tests performed | Test Method Specification against which tests are performed and / or the techniques / equipment used |
|---|---|---|---|---|
| 16 | CHEMICAL- BUILDING MATERIAL | Bipolar Concrete penetrating corrosion inhibiting admixture | pH -1% dilution w/w | IS 9103 |
| 17 | CHEMICAL- BUILDING MATERIAL | Bipolar Concrete penetrating corrosion inhibiting admixture | pH as in supplied condition | IS 9103 |
| 18 | CHEMICAL- BUILDING MATERIAL | Bipolar Concrete penetrating corrosion inhibiting admixture | Skin Irritation | RDSO Specification No. M&C/ PCN/ 126 /2020 |
| 19 | CHEMICAL- BUILDING MATERIAL | Ceramics / Vitrified Tiles | Resistanceto staining | IS 13630 : Part 7 |
| 20 | CHEMICAL- BUILDING MATERIAL | Ceramics / Vitrified Tiles | Chemical Resistance(Household Chemicals,Swimming pool salts, acids &alkalis ) | IS 13630 : Part 7 |
| 21 | CHEMICAL- BUILDING MATERIAL | Curing compound | Volatile and Non - Volatile Contant | ASTM D2369 |
| 22 | CHEMICAL- BUILDING MATERIAL | Fly ash | Sulphuric Anhydride (SO3) | IS 1727 |
| 23 | CHEMICAL- BUILDING MATERIAL | Fly Ash | Available Alkalis as Na2O equivalent – Potassium Oxide (K2O) | IS 3812 (Part 1) |
| 24 | CHEMICAL- BUILDING MATERIAL | Fly ash | Alumina(Al2O3) | IS 1727 |
| 25 | CHEMICAL- BUILDING MATERIAL | Fly Ash | Available Alkalis as Na2O equivalent - Sodium oxide (Na2O) | IS 3812 (Part 1) |
| 26 | CHEMICAL- BUILDING MATERIAL | Fly ash | Calcium Oxide - CaO Content | IS 1727 |
| 27 | CHEMICAL- BUILDING MATERIAL | Fly ash | Chloride | IS 4032 |
| 28 | CHEMICAL- BUILDING MATERIAL | Fly ash | Iron Oxide - Fe2O3 | IS 1727 |
| 29 | CHEMICAL- BUILDING MATERIAL | Fly ash | Loss on Ignition | IS 1727 |
| 30 | CHEMICAL- BUILDING MATERIAL | Fly ash | Magnesia(MgO) | IS 1727 |

# SCOPE OF ACCREDITATION

**Laboratory Name :** ACADEMY OF CONCRETE TECHNOLOGY AND LABORATORY (ACT), #612, SMV LAYOUT, 6TH BLOCK, 80FT ROAD, HILLROCK SCHOOL ROAD, BENGALURU, KARNATAKA, INDIA

**Accreditation Standard** ISO/IEC 17025:2017

**Certificate Number** NABLT1026KA19862 **Page No** 3 of 27

**Validity** 26/10/2026 to 25/10/2030 **Last Amended on** -

| S.No | Discipline / Group | Materials or Products tested | Component, parameter or characteristic tested / Specific Test Performed / Tests or type of tests performed | Test Method Specification against which tests are performed and / or the techniques / equipment used |
|---|---|---|---|---|
| 31 | CHEMICAL- BUILDING MATERIAL | Fly ash | Silica Content (SiO2) | IS 1727 |
| 32 | CHEMICAL- BUILDING MATERIAL | Ground Granulated Blast Furnace Slag | Alumina (Al2O3) | IS 4032 |
| 33 | CHEMICAL- BUILDING MATERIAL | Ground Granulated Blast Furnace Slag | Chloride | IS 4032 |
| 34 | CHEMICAL- BUILDING MATERIAL | Ground Granulated Blast Furnace Slag | Insoluble Residue | IS 4032 |
| 35 | CHEMICAL- BUILDING MATERIAL | Ground Granulated Blast Furnace Slag | Iron Oxide (Fe2O3) | IS 4032 |
| 36 | CHEMICAL- BUILDING MATERIAL | Ground Granulated Blast Furnace Slag | Lime (CaO) | IS 4032 |
| 37 | CHEMICAL- BUILDING MATERIAL | Ground Granulated Blast Furnace Slag | Loss on Ignition | IS 4032 |
| 38 | CHEMICAL- BUILDING MATERIAL | Ground Granulated Blast Furnace Slag | Magnesia (Mgo) | IS 4032 |
| 39 | CHEMICAL- BUILDING MATERIAL | Ground Granulated Blast Furnace Slag | Manganic Oixde (Mno) | IS 4032 |
| 40 | CHEMICAL- BUILDING MATERIAL | Ground Granulated Blast Furnace Slag | Silica Content (SiO2) | IS 4032 |
| 41 | CHEMICAL- BUILDING MATERIAL | Ground Granulated Blast Furnace Slag | Sulphate as SO3 | IS 4032 |
| 42 | CHEMICAL- BUILDING MATERIAL | Ground Granulated Blast Furnace Slag | Sulphate as SO3 | IS 4032 |
| 43 | CHEMICAL- BUILDING MATERIAL | Gypsum Plaster | CalciumOxide( CaO) | IS 1288 |
| 44 | CHEMICAL- BUILDING MATERIAL | Gypsum Plaster | Free Lime | IS 2547 (Part 1) |
| 45 | CHEMICAL- BUILDING MATERIAL | Gypsum Plaster | Loss on ignition | IS 2547 (Part 1) |
| 46 | CHEMICAL- BUILDING MATERIAL | Gypsum Plaster | Soluble Magnesium Saltsexpressed as MgO | IS 2547 (Part 1) |

# SCOPE OF ACCREDITATION

**Laboratory Name :** ACADEMY OF CONCRETE TECHNOLOGY AND LABORATORY (ACT), #612, SMV LAYOUT, 6TH BLOCK, 80FT ROAD, HILLROCK SCHOOL ROAD, BENGALURU, KARNATAKA, INDIA

**Accreditation Standard** ISO/IEC 17025:2017

**Certificate Number** NABLT1026KA19862 **Page No** 4 of 27

**Validity** 26/10/2026 to 25/10/2030 **Last Amended on** -

| S.No | Discipline / Group | Materials or Products tested | Component, parameter or characteristic tested / Specific Test Performed / Tests or type of tests performed | Test Method Specification against which tests are performed and / or the techniques / equipment used |
|---|---|---|---|---|
| 47 | CHEMICAL- BUILDING MATERIAL | Gypsum Plaster | Soluble Sodiumsalts expressed as Na2O | IS 2547 (Part 1) |
| 48 | CHEMICAL- BUILDING MATERIAL | Gypsum Plaster | Sulphateas SO3 | IS 1288 |
| 49 | CHEMICAL- BUILDING MATERIAL | Hardened Concrete | Chloride | IS 14959 (Part 2) |
| 50 | CHEMICAL- BUILDING MATERIAL | Hardened Concrete | Sulphate as SO3 | BS 1881 (P 124) |
| 51 | CHEMICAL- BUILDING MATERIAL | Integral Waterproofing Compound | Chloride | IS 6925 |
| 52 | CHEMICAL- BUILDING MATERIAL | OPC 33, 43, 53 Grade and SRC | Aluminium oxide - Al2O3 | IS 4032 |
| 53 | CHEMICAL- BUILDING MATERIAL | OPC 33, 43, 53 Grade and SRC | Chloride | IS 4032 |
| 54 | CHEMICAL- BUILDING MATERIAL | OPC 33, 43, 53 Grade and SRC | Insoluble Residue | IS 4032 |
| 55 | CHEMICAL- BUILDING MATERIAL | OPC 33, 43, 53 Grade and SRC | Loss on Ignition | IS 4032 |
| 56 | CHEMICAL- BUILDING MATERIAL | OPC 33, 43, 53 Grade and SRC | Magnesia - MgO | IS 4032 |
| 57 | CHEMICAL- BUILDING MATERIAL | OPC 33, 43, 53 Grade and SRC | Potassium Oxide(K2O) | IS 4032 |
| 58 | CHEMICAL- BUILDING MATERIAL | OPC 33, 43, 53 Grade and SRC | Silica Content as Sio2 | IS 4032 |
| 59 | CHEMICAL- BUILDING MATERIAL | OPC 33, 43, 53 Grade and SRC | Sodium Oxide (Na2O) | IS 4032 |
| 60 | CHEMICAL- BUILDING MATERIAL | OPC 33, 43, 53 Grade and SRC | Sulphuric Anhydride (SO3) | IS 4032 |
| 61 | CHEMICAL- BUILDING MATERIAL | OPC 33, 43, 53 Grade, and SRC | Calcium Oxid - CaO | IS 4032 |
| 62 | CHEMICAL- BUILDING MATERIAL | OPC 33, 43, 53 Grade,and SRC | Iron oxide - Fe2O3 | IS 4032 |

# SCOPE OF ACCREDITATION

**Laboratory Name :** ACADEMY OF CONCRETE TECHNOLOGY AND LABORATORY (ACT), #612, SMV LAYOUT, 6TH BLOCK, 80FT ROAD, HILLROCK SCHOOL ROAD, BENGALURU, KARNATAKA, INDIA

**Accreditation Standard** ISO/IEC 17025:2017

**Certificate Number** NABLT1026KA19862 **Page No** 5 of 27

**Validity** 26/10/2026 to 25/10/2030 **Last Amended on** -

| S.No | Discipline / Group | Materials or Products tested | Component, parameter or characteristic tested / Specific Test Performed / Tests or type of tests performed | Test Method Specification against which tests are performed and / or the techniques / equipment used |
|---|---|---|---|---|
| 63 | CHEMICAL- BUILDING MATERIAL | PPC and Composite Cement | Chloride | IS 4032 |
| 64 | CHEMICAL- BUILDING MATERIAL | PPC and Composite Cement | Insoluble Residue | IS 4032 |
| 65 | CHEMICAL- BUILDING MATERIAL | PPC and Composite Cement | Loss on Ignition | IS 4032 |
| 66 | CHEMICAL- BUILDING MATERIAL | PPC and Composite Cement | Magnesia(MgO) | IS 4032 |
| 67 | CHEMICAL- BUILDING MATERIAL | PPC and Composite Cement | Potassium Oxide (K2O) | IS 4032 |
| 68 | CHEMICAL- BUILDING MATERIAL | PPC and Composite Cement | Sodium Oxide (Na2O) | IS 4032 |
| 69 | CHEMICAL- BUILDING MATERIAL | PPC and Composite Cement | Sulphuric Anhydride (SO3) | IS 4032 |
| 70 | CHEMICAL- BUILDING MATERIAL | PSC | Sulphuric Anhydride (SO3) | IS 4032 |
| 71 | CHEMICAL- BUILDING MATERIAL | PSC | Chloride | IS 4032 |
| 72 | CHEMICAL- BUILDING MATERIAL | PSC | Insoluble Residue | IS 4032 |
| 73 | CHEMICAL- BUILDING MATERIAL | PSC | Loss on Ignition | IS 4032 |
| 74 | CHEMICAL- BUILDING MATERIAL | PSC | Magnesia(MgO) | IS 4032 |
| 75 | CHEMICAL- BUILDING MATERIAL | Silica Fume | Loss on Ignition | IS 1727 |
| 76 | CHEMICAL- BUILDING MATERIAL | Silica Fume | Silica Content | IS 1727 |
| 77 | CHEMICAL- BUILDING MATERIAL | Ultrafine Ground Granulated Blast Furnace Slag | Alumina (Al2O3) | IS 4032 |
| 78 | CHEMICAL- BUILDING MATERIAL | Ultrafine Ground Granulated Blast Furnace Slag | Chloride | IS 4032 |

# SCOPE OF ACCREDITATION

**Laboratory Name :** ACADEMY OF CONCRETE TECHNOLOGY AND LABORATORY (ACT), #612, SMV LAYOUT, 6TH BLOCK, 80FT ROAD, HILLROCK SCHOOL ROAD, BENGALURU, KARNATAKA, INDIA

**Accreditation Standard** ISO/IEC 17025:2017

**Certificate Number** NABLT1026KA19862 **Page No** 6 of 27

**Validity** 26/10/2026 to 25/10/2030 **Last Amended on** -

| S.No | Discipline / Group | Materials or Products tested | Component, parameter or characteristic tested / Specific Test Performed / Tests or type of tests performed | Test Method Specification against which tests are performed and / or the techniques / equipment used |
|---|---|---|---|---|
| 79 | CHEMICAL- BUILDING MATERIAL | Ultrafine Ground Granulated Blast Furnace Slag | Insoluble Residue | IS 4032 |
| 80 | CHEMICAL- BUILDING MATERIAL | Ultrafine Ground Granulated Blast Furnace Slag | Iron Oxide (Fe2O3) | IS 4032 |
| 81 | CHEMICAL- BUILDING MATERIAL | Ultrafine Ground Granulated Blast Furnace Slag | Lime (CaO) | IS 4032 |
| 82 | CHEMICAL- BUILDING MATERIAL | Ultrafine Ground Granulated Blast Furnace Slag | Manganic Oxide (Mno) | IS 4032 |
| 83 | CHEMICAL- BUILDING MATERIAL | Ultrafine Ground Granulated Blast Furnace Slag | Silica Content (SiO2) | IS 4032 |
| 84 | CHEMICAL- BUILDING MATERIAL | Ultrafine Ground Granulated BlastFurnace Slag | Magesia (MgO) | IS 4032 |
| 85 | CHEMICAL- METALS & ALLOYS | Plain carbon and low alloy steel (Reinforcement steel, Structural steel, HT strands, Bolt, Nut, Washer, round bar, carbon steel, anchor head, anchor cone, wedges, GI pipes, Coupler, Gal volume sheet, galvanised sheets) | Aluminium | IS 8811 |
| 86 | CHEMICAL- METALS & ALLOYS | Plain carbon and low alloy steel (Reinforcement steel, Structural steel, HT strands, Bolt, Nut, Washer, round bar, carbon steel, anchor head, anchor cone, wedges, GI pipes, Coupler, Gal volume sheet, galvanised sheets) | Carbon | IS 8811 |
| 87 | CHEMICAL- METALS & ALLOYS | Plain carbon and low alloy steel (Reinforcement steel, Structural steel, HT strands, Bolt, Nut, Washer, round bar, carbon steel, anchor head, anchor cone, wedges, GI pipes, Coupler, Gal volume sheet, galvanised sheets) | Chromium | IS 8811 |
| 88 | CHEMICAL- METALS & ALLOYS | Plain carbon and low alloy steel (Reinforcement steel, Structural steel, HT strands, Bolt, Nut, Washer, round bar, carbon steel, anchor head, anchor cone, wedges, GI pipes, Coupler, Gal volume sheet, galvanised sheets) | Manganese | IS 8811 |

# SCOPE OF ACCREDITATION

**Laboratory Name :** ACADEMY OF CONCRETE TECHNOLOGY AND LABORATORY (ACT), #612, SMV LAYOUT, 6TH BLOCK, 80FT ROAD, HILLROCK SCHOOL ROAD, BENGALURU, KARNATAKA, INDIA

**Accreditation Standard** ISO/IEC 17025:2017

**Certificate Number** NABLT1026KA19862 **Page No** 7 of 27

**Validity** 26/10/2026 to 25/10/2030 **Last Amended on** -

| S.No | Discipline / Group | Materials or Products tested | Component, parameter or characteristic tested / Specific Test Performed / Tests or type of tests performed | Test Method Specification against which tests are performed and / or the techniques / equipment used |
|---|---|---|---|---|
| 89 | CHEMICAL- METALS & ALLOYS | Plain carbon and low alloy steel (Reinforcement steel, Structural steel, HT strands, Bolt, Nut, Washer, round bar, carbon steel, anchor head, anchor cone, wedges, GI pipes, Coupler, Gal volume sheet, galvanised sheets) | Mobybdenum | IS 8811 |
| 90 | CHEMICAL- METALS & ALLOYS | Plain carbon and low alloy steel (Reinforcement steel, Structural steel, HT strands, Bolt, Nut, Washer, round bar, carbon steel, anchor head, anchor cone, wedges, GI pipes, Coupler, Gal volume sheet, galvanised sheets) | Nickel | IS 8811 |
| 91 | CHEMICAL- METALS & ALLOYS | Plain carbon and low alloy steel (Reinforcement steel, Structural steel, HT strands, Bolt, Nut, Washer, round bar, carbon steel, anchor head, anchor cone, wedges, GI pipes, Coupler, Gal volume sheet, galvanised sheets) | Phosphorus | IS 8811 |
| 92 | CHEMICAL- METALS & ALLOYS | Plain carbon and low alloy steel (Reinforcement steel, Structural steel, HT strands, Bolt, Nut, Washer, round bar, carbon steel, anchor head, anchor cone, wedges, GI pipes, Coupler, Gal volume sheet, galvanised sheets) | Silicon | IS 8811 |
| 93 | CHEMICAL- METALS & ALLOYS | Plain carbon and low alloy steel (Reinforcement steel, Structural steel, HT strands, Bolt, Nut, Washer, round bar, carbon steel, anchor head, anchor cone, wedges, GI pipes, Coupler, Gal volume sheet, galvanised sheets) | Sulphur | IS 8811 |
| 94 | CHEMICAL- METALS & ALLOYS | Plain carbon and low alloy steel (Reinforcement steel, Structural steel, HT strands, Bolt, Nut, Washer, round bar, carbon steel, anchor head, anchor cone, wedges, GI pipes, Coupler, Gal volume sheet, galvanised sheets) | Vanadium | IS 8811 |
| 95 | CHEMICAL- WATER | Water for construction purpose | Chloride Contentas Cl | IS 3025 PART 32 |
| 96 | CHEMICAL- WATER | Water for construction purpose | Colour | IS 3025 PART 4 |
| 97 | CHEMICAL- WATER | Water for construction purpose | Inorganic Solids (Fixed Residue) | IS 3025 PART 18 |
| 98 | CHEMICAL- WATER | Water for construction purpose | Odour | IS 3025 PART 5 |
| 99 | CHEMICAL- WATER | Water for construction purpose | Oil and Grease | IS 3025 PART 39 |

# SCOPE OF ACCREDITATION

**Laboratory Name :** ACADEMY OF CONCRETE TECHNOLOGY AND LABORATORY (ACT), #612, SMV LAYOUT, 6TH BLOCK, 80FT ROAD, HILLROCK SCHOOL ROAD, BENGALURU, KARNATAKA, INDIA

**Accreditation Standard** ISO/IEC 17025:2017

**Certificate Number** NABLT1026KA19862 **Page No** 8 of 27

**Validity** 26/10/2026 to 25/10/2030 **Last Amended on** -

| S.No | Discipline / Group | Materials or Products tested | Component, parameter or characteristic tested / Specific Test Performed / Tests or type of tests performed | Test Method Specification against which tests are performed and / or the techniques / equipment used |
|---|---|---|---|---|
| 100 | CHEMICAL- WATER | Water for construction purpose | Organic Solids (Volatile Residue) | IS 3025 Part 18 |
| 101 | CHEMICAL- WATER | Water for construction purpose | pH Value | IS 3025 (Part 11) |
| 102 | CHEMICAL- WATER | Water for construction purpose | Sulphate Content as SO3 | IS 3025 (Part 24/Sec1) |
| 103 | CHEMICAL- WATER | Water for construction purpose | Total Suspended Solids | IS 3025 PART 17 |
| 104 | CHEMICAL- WATER | Water for construction purpose | Volume of 0.02 N H2SO4 toneutralize 100 ml of sample (Alkalinity) | IS 3025 PART 23 |
| 105 | CHEMICAL- WATER | Water for construction purpose | Volume of 0.02 N NaOH to neutralize 100 ml ofsample (Acidity) | IS 3025 PART 22 |
| 106 | MECHANICAL-BUILDINGS MATERIALS | AAC Blocks | Dimension - Length | IS 2185 (Part 3) |
| 107 | MECHANICAL-BUILDINGS MATERIALS | Coarse Aggregates | Water Absorption (24 h immersion in water at [22-32 °C]) | IS 2386 (Part 3) |
| 108 | MECHANICAL-BUILDINGS MATERIALS | Concrete Admixture | Concrete Cube - Compressive Strength | IS 516 (Part 1/ Sec 1) |
| 109 | MECHANICAL-BUILDINGS MATERIALS | Concrete Admixture | Water content | IS 9103 |
| 110 | MECHANICAL-BUILDINGS MATERIALS | Fine Aggregates | Particle Finer Than 75 Micron | IS 2386 (Part 1) |
| 111 | MECHANICAL-BUILDINGS MATERIALS | FLY ASH | Residue on 45 Micron Sieve | IS 1727 |
| 112 | MECHANICAL-BUILDINGS MATERIALS | AAC Blocks | Bulk Density | IS 6441 (Part 1) |
| 113 | MECHANICAL-BUILDINGS MATERIALS | AAC Blocks | Compressive Strength | IS 6441 (Part 5) |

# SCOPE OF ACCREDITATION

**Laboratory Name :** ACADEMY OF CONCRETE TECHNOLOGY AND LABORATORY (ACT), #612, SMV LAYOUT, 6TH BLOCK, 80FT ROAD, HILLROCK SCHOOL ROAD, BENGALURU, KARNATAKA, INDIA

**Accreditation Standard** ISO/IEC 17025:2017

**Certificate Number** NABLT1026KA19862 **Page No** 9 of 27

**Validity** 26/10/2026 to 25/10/2030 **Last Amended on** -

| S.No | Discipline / Group | Materials or Products tested | Component, parameter or characteristic tested / Specific Test Performed / Tests or type of tests performed | Test Method Specification against which tests are performed and / or the techniques / equipment used |
|---|---|---|---|---|
| 114 | MECHANICAL-BUILDINGS MATERIALS | AAC Blocks | Dimension - Thickness | IS 2185 (Part 3) |
| 115 | MECHANICAL-BUILDINGS MATERIALS | AAC Blocks | Dimension - Width | IS 2185 (Part 3) |
| 116 | MECHANICAL-BUILDINGS MATERIALS | AAC Blocks | Drying Shrinkage | IS 6441 (Part 2) |
| 117 | MECHANICAL-BUILDINGS MATERIALS | AAC Blocks | Moisture Content | IS 6598 |
| 118 | MECHANICAL-BUILDINGS MATERIALS | Beams | Flexural Strength | IS 516 (Part 1/ Sec 1) |
| 119 | MECHANICAL-BUILDINGS MATERIALS | Burnt Clay Building Bricks | Compressive Strength | IS 3495 PART 1 |
| 120 | MECHANICAL-BUILDINGS MATERIALS | Burnt Clay Building Bricks | Efflorescence | IS 3495 (Part 3) |
| 121 | MECHANICAL-BUILDINGS MATERIALS | Burnt Clay Building Bricks | Initial Rate of Absorption | IS 3495 Part 5 |
| 122 | MECHANICAL-BUILDINGS MATERIALS | Burnt Clay Building Bricks | Modulus of Rupture | IS 3495 (Part 6) |
| 123 | MECHANICAL-BUILDINGS MATERIALS | Burnt Clay Building Bricks | Warpage | IS 3495 Part 4 |
| 124 | MECHANICAL-BUILDINGS MATERIALS | Burnt Clay Building Bricks | Water Absorption | IS 3495 (part 2) |
| 125 | MECHANICAL-BUILDINGS MATERIALS | BURNT CLAY HOLLOW BRICKS AND BLOCKS FOR WALLS AND PARTITIONS | Crushing Strength | IS 3952 |

# SCOPE OF ACCREDITATION

**Laboratory Name :** ACADEMY OF CONCRETE TECHNOLOGY AND LABORATORY (ACT), #612, SMV LAYOUT, 6TH BLOCK, 80FT ROAD, HILLROCK SCHOOL ROAD, BENGALURU, KARNATAKA, INDIA

**Accreditation Standard** ISO/IEC 17025:2017

**Certificate Number** NABLT1026KA19862 **Page No** 10 of 27

**Validity** 26/10/2026 to 25/10/2030 **Last Amended on** -

| S.No | Discipline / Group | Materials or Products tested | Component, parameter or characteristic tested / Specific Test Performed / Tests or type of tests performed | Test Method Specification against which tests are performed and / or the techniques / equipment used |
|---|---|---|---|---|
| 126 | MECHANICAL-BUILDINGS MATERIALS | BURNT CLAY HOLLOW BRICKS AND BLOCKS FOR WALLS AND PARTITIONS | Dimensions - Height | IS 3952 |
| 127 | MECHANICAL-BUILDINGS MATERIALS | BURNT CLAY HOLLOW BRICKS AND BLOCKS FOR WALLS AND PARTITIONS | Dimensions - Length | IS 3952 |
| 128 | MECHANICAL-BUILDINGS MATERIALS | BURNT CLAY HOLLOW BRICKS AND BLOCKS FOR WALLS AND PARTITIONS | Dimensions - Width | IS 3952 |
| 129 | MECHANICAL-BUILDINGS MATERIALS | BURNT CLAY HOLLOW BRICKS AND BLOCKS FOR WALLS AND PARTITIONS | Efflorescence | IS 3495 Part 3 |
| 130 | MECHANICAL-BUILDINGS MATERIALS | BURNT CLAY HOLLOW BRICKS AND BLOCKS FOR WALLS AND PARTITIONS | Water Absorption | IS 3952 |
| 131 | MECHANICAL-BUILDINGS MATERIALS | Cement Concrete FlooringTile (Mosaic Tiles) | Flatness | IS 1237 |
| 132 | MECHANICAL-BUILDINGS MATERIALS | Cement Concrete FlooringTile (Mosaic Tiles) | Resistance to Wear | IS 1237 |
| 133 | MECHANICAL-BUILDINGS MATERIALS | Cement Concrete FlooringTile (Mosaic Tiles) | Straightness | IS 1237 |
| 134 | MECHANICAL-BUILDINGS MATERIALS | Cement Concrete FlooringTile (Mosaic Tiles) | Water Absorption | IS 1237 |
| 135 | MECHANICAL-BUILDINGS MATERIALS | Cement Concrete FlooringTile (Mosaic Tiles) | Wet Transverse Strength | IS 1237 |
| 136 | MECHANICAL-BUILDINGS MATERIALS | Cement Concrete FlooringTile(Mosaic Tiles) | Perpendicularity | IS 1237 |
| 137 | MECHANICAL-BUILDINGS MATERIALS | Ceramic Tiles/ vitrified tiles | Edge Curvature | IS 13630 (Part 1) |

# SCOPE OF ACCREDITATION

**Laboratory Name :** ACADEMY OF CONCRETE TECHNOLOGY AND LABORATORY (ACT), #612, SMV LAYOUT, 6TH BLOCK, 80FT ROAD, HILLROCK SCHOOL ROAD, BENGALURU, KARNATAKA, INDIA

**Accreditation Standard** ISO/IEC 17025:2017

**Certificate Number** NABLT1026KA19862 **Page No** 11 of 27

**Validity** 26/10/2026 to 25/10/2030 **Last Amended on** -

| S.No | Discipline / Group | Materials or Products tested | Component, parameter or characteristic tested / Specific Test Performed / Tests or type of tests performed | Test Method Specification against which tests are performed and / or the techniques / equipment used |
|---|---|---|---|---|
| 138 | MECHANICAL-BUILDINGS MATERIALS | Ceramic Tiles/ vitrified tiles | Breaking Strength | IS 13630 (Part 6) |
| 139 | MECHANICAL-BUILDINGS MATERIALS | Ceramic Tiles/ vitrified tiles | Bulk Density | IS 13630 (Part 2) |
| 140 | MECHANICAL-BUILDINGS MATERIALS | Ceramic Tiles/ vitrified tiles | Center Curvature | IS 13630 (Part 1) |
| 141 | MECHANICAL-BUILDINGS MATERIALS | Ceramic Tiles/ vitrified tiles | Crazing | IS 13630 (Part 9) |
| 142 | MECHANICAL-BUILDINGS MATERIALS | Ceramic Tiles/ vitrified tiles | Dimension-Length | IS 13630 (Part 1) |
| 143 | MECHANICAL-BUILDINGS MATERIALS | Ceramic Tiles/ vitrified tiles | Dimension-Thickness | IS 13630 (Part 1) |
| 144 | MECHANICAL-BUILDINGS MATERIALS | Ceramic Tiles/ vitrified tiles | Modulus of Rupture | IS 13630 (Part 6) |
| 145 | MECHANICAL-BUILDINGS MATERIALS | Ceramic Tiles/ vitrified tiles | Rectangularity | IS 13630 (Part 1) |
| 146 | MECHANICAL-BUILDINGS MATERIALS | Ceramic Tiles/ vitrified tiles | Scratch Hardness | IS 13630 (Part 13) |
| 147 | MECHANICAL-BUILDINGS MATERIALS | Ceramic Tiles/ vitrified tiles | Straightness | IS 13630 (Part 1) |
| 148 | MECHANICAL-BUILDINGS MATERIALS | Ceramic Tiles/ vitrified tiles | Warpage | IS 13630 (Part 1) |
| 149 | MECHANICAL-BUILDINGS MATERIALS | Ceramic Tiles/ vitrified tiles | Water Absorption | IS 13630 (Part 2) |

# SCOPE OF ACCREDITATION

**Laboratory Name :** ACADEMY OF CONCRETE TECHNOLOGY AND LABORATORY (ACT), #612, SMV LAYOUT, 6TH BLOCK, 80FT ROAD, HILLROCK SCHOOL ROAD, BENGALURU, KARNATAKA, INDIA

**Accreditation Standard** ISO/IEC 17025:2017

**Certificate Number** NABLT1026KA19862 **Page No** 12 of 27

**Validity** 26/10/2026 to 25/10/2030 **Last Amended on** -

| S.No | Discipline / Group | Materials or Products tested | Component, parameter or characteristic tested / Specific Test Performed / Tests or type of tests performed | Test Method Specification against which tests are performed and / or the techniques / equipment used |
|---|---|---|---|---|
| 150 | MECHANICAL-BUILDINGS MATERIALS | Ceramic Tiles/vitrified Tiles | Dimension-Width | IS 13630 (PART1) |
| 151 | MECHANICAL-BUILDINGS MATERIALS | Ceramic/VerifiedTiles | Moisture Expansion | IS 13630 (Part 3) |
| 152 | MECHANICAL-BUILDINGS MATERIALS | Ceramic/VerifiedTiles | Surface Quality | IS 13630 (Part1) |
| 153 | MECHANICAL-BUILDINGS MATERIALS | Coarse aggregates | 10 % Fines Value | IS 2386 : Part 4 |
| 154 | MECHANICAL-BUILDINGS MATERIALS | Coarse Aggregates | Abrasion Value | IS 2386 (Part 4) |
| 155 | MECHANICAL-BUILDINGS MATERIALS | Coarse aggregates | Bulk Density - loose | IS 2386 : Part 3 |
| 156 | MECHANICAL-BUILDINGS MATERIALS | Coarse aggregates | Bulk Density -Rodded | IS 2386 : Part 3 |
| 157 | MECHANICAL-BUILDINGS MATERIALS | Coarse Aggregates | Clay Lumps | IS 2386 (Part 2) |
| 158 | MECHANICAL-BUILDINGS MATERIALS | Coarse Aggregates | Crushing Value | IS 2386 (Part 4) |
| 159 | MECHANICAL-BUILDINGS MATERIALS | Coarse Aggregates | Elongation Index | IS 2386 (Part 1) |
| 160 | MECHANICAL-BUILDINGS MATERIALS | Coarse Aggregates | Flakiness Index | IS 2386 (Part 1) |
| 161 | MECHANICAL-BUILDINGS MATERIALS | Coarse Aggregates | Impact Value | IS 2386 (Part 4) |

# SCOPE OF ACCREDITATION

**Laboratory Name :** ACADEMY OF CONCRETE TECHNOLOGY AND LABORATORY (ACT), #612, SMV LAYOUT, 6TH BLOCK, 80FT ROAD, HILLROCK SCHOOL ROAD, BENGALURU, KARNATAKA, INDIA

**Accreditation Standard** ISO/IEC 17025:2017

**Certificate Number** NABLT1026KA19862 **Page No** 13 of 27

**Validity** 26/10/2026 to 25/10/2030 **Last Amended on** -

| S.No | Discipline / Group | Materials or Products tested | Component, parameter or characteristic tested / Specific Test Performed / Tests or type of tests performed | Test Method Specification against which tests are performed and / or the techniques / equipment used |
|---|---|---|---|---|
| 162 | MECHANICAL-BUILDINGS MATERIALS | Coarse Aggregates | Particle Finer Than 75 Micron | IS 2386 (Part 1) |
| 163 | MECHANICAL-BUILDINGS MATERIALS | Coarse Aggregates | Sieve Analysis (Sieve Size: 80 mm, 63 mm, 40 mm, 20 mm, 16 mm, 12.5 mm, 10 mm, 4.75 mm, 2.36 mm) | IS 2386 (Part 1) |
| 164 | MECHANICAL-BUILDINGS MATERIALS | Coarse Aggregates | Specific Gravity | IS 2386 (Part 3) |
| 165 | MECHANICAL-BUILDINGS MATERIALS | Common Burnt Clay Building Bricks | Dimension - Height | IS 1077 |
| 166 | MECHANICAL-BUILDINGS MATERIALS | Common Burnt Clay Building Bricks | Dimension - Length | IS 1077 |
| 167 | MECHANICAL-BUILDINGS MATERIALS | Common Burnt Clay Building Bricks | Dimension - Width | IS 1077 |
| 168 | MECHANICAL-BUILDINGS MATERIALS | Concrete | Accelerated Curing Strength Testing | IRC 85 |
| 169 | MECHANICAL-BUILDINGS MATERIALS | Concrete Admixture | Air Content | IS 1199 : Part 4 |
| 170 | MECHANICAL-BUILDINGS MATERIALS | Concrete Admixture | Bleeding | IS 9103 |
| 171 | MECHANICAL-BUILDINGS MATERIALS | Concrete Admixture | FlowTest | IS 9103 |
| 172 | MECHANICAL-BUILDINGS MATERIALS | Concrete Admixture | Hardened Concrete - Drying Shrinkage | IS 516 : Part 6 |

# SCOPE OF ACCREDITATION

**Laboratory Name :** ACADEMY OF CONCRETE TECHNOLOGY AND LABORATORY (ACT), #612, SMV LAYOUT, 6TH BLOCK, 80FT ROAD, HILLROCK SCHOOL ROAD, BENGALURU, KARNATAKA, INDIA

**Accreditation Standard** ISO/IEC 17025:2017

**Certificate Number** NABLT1026KA19862 **Page No** 14 of 27

**Validity** 26/10/2026 to 25/10/2030 **Last Amended on** -

| S.No | Discipline / Group | Materials or Products tested | Component, parameter or characteristic tested / Specific Test Performed / Tests or type of tests performed | Test Method Specification against which tests are performed and / or the techniques / equipment used |
|---|---|---|---|---|
| 173 | MECHANICAL-BUILDINGS MATERIALS | Concrete Admixture | Hardened Concrete - Flexural Strength | IS 516 (Part 1/ Sec 1) |
| 174 | MECHANICAL-BUILDINGS MATERIALS | Concrete Admixture | Hardened Concrete - Moisture Movement | IS 516 (Part 6) |
| 175 | MECHANICAL-BUILDINGS MATERIALS | Concrete Admixture | Setting Time | IS 1199 : Part 7 |
| 176 | MECHANICAL-BUILDINGS MATERIALS | Concrete Admixture | Workability (Slump) | IS 1199 : Part 2 |
| 177 | MECHANICAL-BUILDINGS MATERIALS | Fine Aggregates | Bulk Density - loose | IS 2386 (PART 3) |
| 178 | MECHANICAL-BUILDINGS MATERIALS | Fine Aggregates | Bulk Density- Rodded | IS 2386 (Part 3) |
| 179 | MECHANICAL-BUILDINGS MATERIALS | Fine Aggregates | Clay Lumps | IS 2386 (Part 2) |
| 180 | MECHANICAL-BUILDINGS MATERIALS | Fine Aggregates | Sieve Analysis (Sieve Size: 10 mm, 4.75 mm, 2.36 mm, 1.18 mm, 600 µm, 300 µm,150 µm,125µm) | IS 2386 (Part 1) |
| 181 | MECHANICAL-BUILDINGS MATERIALS | Fine Aggregates | Specific Gravity | IS 2386 (Part 3) |
| 182 | MECHANICAL-BUILDINGS MATERIALS | Fine Aggregates | Water Absorption (24 h immersion in water at [22-32 °C]) | IS 2386 (Part 3) |
| 183 | MECHANICAL-BUILDINGS MATERIALS | FLY ASH | Soundness (by Autoclave) | IS 1727 |

# SCOPE OF ACCREDITATION

**Laboratory Name :** ACADEMY OF CONCRETE TECHNOLOGY AND LABORATORY (ACT), #612, SMV LAYOUT, 6TH BLOCK, 80FT ROAD, HILLROCK SCHOOL ROAD, BENGALURU, KARNATAKA, INDIA

**Accreditation Standard** ISO/IEC 17025:2017

**Certificate Number** NABLT1026KA19862 **Page No** 15 of 27

**Validity** 26/10/2026 to 25/10/2030 **Last Amended on** -

| S.No | Discipline / Group | Materials or Products tested | Component, parameter or characteristic tested / Specific Test Performed / Tests or type of tests performed | Test Method Specification against which tests are performed and / or the techniques / equipment used |
|---|---|---|---|---|
| 184 | MECHANICAL-BUILDINGS MATERIALS | FLY ASH | Specific Gravity | IS 1727 |
| 185 | MECHANICAL-BUILDINGS MATERIALS | FLYASH | Compressive Strength | IS 1727 |
| 186 | MECHANICAL-BUILDINGS MATERIALS | FLYASH | Fineness by Blaines Method | IS 1727 |
| 187 | MECHANICAL-BUILDINGS MATERIALS | Fresh Concrete | Determination of SettingTime of Concrete by Penetration Resistance | IS 1199 (Part 7) |
| 188 | MECHANICAL-BUILDINGS MATERIALS | Fresh Concrete | Determination of Air Content of Fresh Concrete | IS 1199 (Part 4) |
| 189 | MECHANICAL-BUILDINGS MATERIALS | Fresh Concrete(Tests on Fresh Self Compacting Concrete) | V Funnel Test | IS 1199 (Part 6) |
| 190 | MECHANICAL-BUILDINGS MATERIALS | Fresh Concrete(Tests on Fresh Self Compacting Concrete) | Flow test and t 500 Test | IS 1199 (Part 6) |
| 191 | MECHANICAL-BUILDINGS MATERIALS | Fresh Concrete(Tests on Fresh Self Compacting Concrete) | L Box | IS 1199 (Part 6) |
| 192 | MECHANICAL-BUILDINGS MATERIALS | FreshConcrete(Tests on Fresh Self Compacting Concrete) | Sieve Segregation Resistance Test | IS 1199 (Part 6) |
| 193 | MECHANICAL-BUILDINGS MATERIALS | Ground Granulated Blast Furnace Slag | Fineness by Blaine air permeability method | IS 4031 : Part 2 |
| 194 | MECHANICAL-BUILDINGS MATERIALS | Ground Granulated Blast Furnace Slag | Moisture Content | IS 12089 |
| 195 | MECHANICAL-BUILDINGS MATERIALS | Ground Granulated Blast Furnace Slag | Slag Activity Index | IS 16714 |

# SCOPE OF ACCREDITATION

**Laboratory Name :** ACADEMY OF CONCRETE TECHNOLOGY AND LABORATORY (ACT), #612, SMV LAYOUT, 6TH BLOCK, 80FT ROAD, HILLROCK SCHOOL ROAD, BENGALURU, KARNATAKA, INDIA

**Accreditation Standard** ISO/IEC 17025:2017

**Certificate Number** NABLT1026KA19862 **Page No** 16 of 27

**Validity** 26/10/2026 to 25/10/2030 **Last Amended on** -

| S.No | Discipline / Group | Materials or Products tested | Component, parameter or characteristic tested / Specific Test Performed / Tests or type of tests performed | Test Method Specification against which tests are performed and / or the techniques / equipment used |
|---|---|---|---|---|
| 196 | MECHANICAL-BUILDINGS MATERIALS | GSB/WMM/WBM | Crushing Value | IS 2386 (Part 4) |
| 197 | MECHANICAL-BUILDINGS MATERIALS | GSB/WMM/WBM | Elongation Index | IS 2386 (Part 1) |
| 198 | MECHANICAL-BUILDINGS MATERIALS | GSB/WMM/WBM | Flakiness Index | IS 2386 (Part 1) |
| 199 | MECHANICAL-BUILDINGS MATERIALS | GSB/WMM/WBM | Impact Value | IS 2386 (PART4) |
| 200 | MECHANICAL-BUILDINGS MATERIALS | GSB/WMM/WBM | Los Angles Abrasion Value | IS 2386 (Part 4) |
| 201 | MECHANICAL-BUILDINGS MATERIALS | Harden Concrete | Split tensile test | IS 516 (Part 1/ Sec 1) |
| 202 | MECHANICAL-BUILDINGS MATERIALS | Hardened Concrete | ElectricalIndication of Concrete's ability to Resist Chlorideion penetration ( Rapid Chloride Penetration Test) (RCPT) | ASTM C 1202 |
| 203 | MECHANICAL-BUILDINGS MATERIALS | Hardened Concrete | Accelerated Curing Compressive Strength | IS 9013 |
| 204 | MECHANICAL-BUILDINGS MATERIALS | Hardened Concrete | Compressive Strength (Cube/Cylinder) | IS 516 (Part 1/ Sec 1) |
| 205 | MECHANICAL-BUILDINGS MATERIALS | Hardened Concrete | Depth of Water Penetration Under Pressure | IS 516 (Part 2 :sec 1) |
| 206 | MECHANICAL-BUILDINGS MATERIALS | Hardened Concrete | Drying Shrinkage | IS 516 (Part 6) |

# SCOPE OF ACCREDITATION

**Laboratory Name :** ACADEMY OF CONCRETE TECHNOLOGY AND LABORATORY (ACT), #612, SMV LAYOUT, 6TH BLOCK, 80FT ROAD, HILLROCK SCHOOL ROAD, BENGALURU, KARNATAKA, INDIA

**Accreditation Standard** ISO/IEC 17025:2017

**Certificate Number** NABLT1026KA19862 **Page No** 17 of 27

**Validity** 26/10/2026 to 25/10/2030 **Last Amended on** -

| S.No | Discipline / Group | Materials or Products tested | Component, parameter or characteristic tested / Specific Test Performed / Tests or type of tests performed | Test Method Specification against which tests are performed and / or the techniques / equipment used |
|---|---|---|---|---|
| 207 | MECHANICAL-BUILDINGS MATERIALS | Hardened Concrete | Initial Surface AbsorptionTest | IS 516 (Part 2) Sec2 |
| 208 | MECHANICAL-BUILDINGS MATERIALS | Hardened Concrete | Modulus of Elasticity | IS 516 : Part 8 : Sec 1 |
| 209 | MECHANICAL-BUILDINGS MATERIALS | Hardened Concrete | Moisture Movement | IS 516 PART 6 |
| 210 | MECHANICAL-BUILDINGS MATERIALS | Hardened Concrete | Rate of Absorption of Water by Concrete | ASTM C 1585 |
| 211 | MECHANICAL-BUILDINGS MATERIALS | Hardened Concrete | Water Absorption (30 min immersion) | BS 1881-122 |
| 212 | MECHANICAL-BUILDINGS MATERIALS | Hardened Concrete (Testing of Concrete Cores) | Compressive Strength | IS 516 (Part 4) |
| 213 | MECHANICAL-BUILDINGS MATERIALS | Masonry Units - Hollow/Solid Concrete Blocks | Block Density | IS 2185 : Part 1 |
| 214 | MECHANICAL-BUILDINGS MATERIALS | Masonry Units - Hollow/Solid Concrete Blocks | Compressive Strength | IS 2185 (Part 1) |
| 215 | MECHANICAL-BUILDINGS MATERIALS | Masonry Units - Hollow/Solid Concrete Blocks | Dimension - Length | IS 2185 (Part 1) |
| 216 | MECHANICAL-BUILDINGS MATERIALS | Masonry Units - Hollow/Solid Concrete Blocks | Dimension-Thickness | IS 2185 (Part 1) |
| 217 | MECHANICAL-BUILDINGS MATERIALS | Masonry Units - Hollow/Solid Concrete Blocks | Dimension-Width | IS 2185 (Part 1) |
| 218 | MECHANICAL-BUILDINGS MATERIALS | Masonry Units - Hollow/Solid Concrete Blocks | Drying Shrinkage | IS 2185 (Part 1) |

# SCOPE OF ACCREDITATION

**Laboratory Name :** ACADEMY OF CONCRETE TECHNOLOGY AND LABORATORY (ACT), #612, SMV LAYOUT, 6TH BLOCK, 80FT ROAD, HILLROCK SCHOOL ROAD, BENGALURU, KARNATAKA, INDIA

**Accreditation Standard** ISO/IEC 17025:2017

**Certificate Number** NABLT1026KA19862 **Page No** 18 of 27

**Validity** 26/10/2026 to 25/10/2030 **Last Amended on** -

| S.No | Discipline / Group | Materials or Products tested | Component, parameter or characteristic tested / Specific Test Performed / Tests or type of tests performed | Test Method Specification against which tests are performed and / or the techniques / equipment used |
|---|---|---|---|---|
| 219 | MECHANICAL-BUILDINGS MATERIALS | Masonry Units - Hollow/Solid Concrete Blocks | Moisture Movement | IS 2185 (Part 1) |
| 220 | MECHANICAL-BUILDINGS MATERIALS | Masonry Units - Hollow/Solid Concrete Blocks | Water Absorption | IS 2185 (Part 1) |
| 221 | MECHANICAL-BUILDINGS MATERIALS | OPC 33,43,53 grade PPC, PSC, SRC,and Composite Cement | Compressive Strength | IS 4031 Part 6 |
| 222 | MECHANICAL-BUILDINGS MATERIALS | OPC 33,43,53 grade PPC, PSC, SRC,and Composite Cement | Density | IS 4031 Part 11 |
| 223 | MECHANICAL-BUILDINGS MATERIALS | OPC 33,43,53 grade PPC, PSC, SRC,and Composite Cement | Final Setting Time | IS 4031 (Part 5) |
| 224 | MECHANICAL-BUILDINGS MATERIALS | OPC 33,43,53 grade PPC, PSC, SRC,and Composite Cement | Fineness- Blaine's Air PermeabilityMethod | IS 4031 Part 2 |
| 225 | MECHANICAL-BUILDINGS MATERIALS | OPC 33,43,53 grade PPC, PSC, SRC,and Composite Cement | Fineness by Dry Sieving | IS 4031 (Part 1) |
| 226 | MECHANICAL-BUILDINGS MATERIALS | OPC 33,43,53 grade PPC, PSC, SRC,and Composite Cement | Initial Setting Time | IS 4031 part 5 |
| 227 | MECHANICAL-BUILDINGS MATERIALS | OPC 33,43,53 grade PPC, PSC, SRC,and Composite Cement | Soundness by Autoclave Method | IS 4031 (Part 3) |
| 228 | MECHANICAL-BUILDINGS MATERIALS | OPC 33,43,53 grade PPC, PSC, SRC,and Composite Cement | Soundness by Le Chatelier's Method | IS 4031 (Part 3) |
| 229 | MECHANICAL-BUILDINGS MATERIALS | OPC 33,43,53 grade PPC, PSC, SRC,and Composite Cement | Standard Consistency | IS 4031 (Part 4) |
| 230 | MECHANICAL-BUILDINGS MATERIALS | Precast Concrete Kerbs | Bending Strength | IS 5758 ANNEX B |

# SCOPE OF ACCREDITATION

**Laboratory Name :** ACADEMY OF CONCRETE TECHNOLOGY AND LABORATORY (ACT), #612, SMV LAYOUT, 6TH BLOCK, 80FT ROAD, HILLROCK SCHOOL ROAD, BENGALURU, KARNATAKA, INDIA

**Accreditation Standard** ISO/IEC 17025:2017

**Certificate Number** NABLT1026KA19862 **Page No** 19 of 27

**Validity** 26/10/2026 to 25/10/2030 **Last Amended on** -

| S.No | Discipline / Group | Materials or Products tested | Component, parameter or characteristic tested / Specific Test Performed / Tests or type of tests performed | Test Method Specification against which tests are performed and / or the techniques / equipment used |
|---|---|---|---|---|
| 231 | MECHANICAL-BUILDINGS MATERIALS | Precast Concrete Kerbs | Dimention - Height | IS 5758 |
| 232 | MECHANICAL-BUILDINGS MATERIALS | Precast Concrete Kerbs | Dimention - Length | IS 5758 |
| 233 | MECHANICAL-BUILDINGS MATERIALS | Precast Concrete Kerbs | Dimention - Thickness | IS 5758 |
| 234 | MECHANICAL-BUILDINGS MATERIALS | Precast Concrete Kerbs | Water Absorption (3 Days immersion in water) | IS 5758 |
| 235 | MECHANICAL-BUILDINGS MATERIALS | Precast Concrete Paving Block | Water Absorption (24 Hrs immersion in water) | IS 15658 |
| 236 | MECHANICAL-BUILDINGS MATERIALS | Precast Concrete Paving Block | Dimension - Length | IS 15658 |
| 237 | MECHANICAL-BUILDINGS MATERIALS | Precast Concrete Paving Block | Dimension - Thickness | IS 15658 |
| 238 | MECHANICAL-BUILDINGS MATERIALS | Precast Concrete Paving Block | Dimension - Width | IS 15658 |
| 239 | MECHANICAL-BUILDINGS MATERIALS | Precast Concrete Paving Block | Flexural Strength | IS 15658 |
| 240 | MECHANICAL-BUILDINGS MATERIALS | Precast Concrete Paving Block | Tensile Splitting Strength | IS 15658 |
| 241 | MECHANICAL-BUILDINGS MATERIALS | Precast Concrete Paving Blocks | Abrasion Resistance | IS 15658 |
| 242 | MECHANICAL-BUILDINGS MATERIALS | Precast Concrete Paving Blocks | Compressive Strength | IS 15658 |

# SCOPE OF ACCREDITATION

**Laboratory Name :** ACADEMY OF CONCRETE TECHNOLOGY AND LABORATORY (ACT), #612, SMV LAYOUT, 6TH BLOCK, 80FT ROAD, HILLROCK SCHOOL ROAD, BENGALURU, KARNATAKA, INDIA

**Accreditation Standard** ISO/IEC 17025:2017

**Certificate Number** NABLT1026KA19862 **Page No** 20 of 27

**Validity** 26/10/2026 to 25/10/2030 **Last Amended on** -

| S.No | Discipline / Group | Materials or Products tested | Component, parameter or characteristic tested / Specific Test Performed / Tests or type of tests performed | Test Method Specification against which tests are performed and / or the techniques / equipment used |
|---|---|---|---|---|
| 243 | MECHANICAL-BUILDINGS MATERIALS | Silica Fume | Residue on 45 Micron | IS 1727 |
| 244 | MECHANICAL-BUILDINGS MATERIALS | Ultrafine Ground Granulated Blast Furnace Slag | Density | IS 4031 (PART11) |
| 245 | MECHANICAL-BUILDINGS MATERIALS | Ultrafine Ground Granulated Blast Furnace Slag | Slag Activity Index | IS 16715 |
| 246 | MECHANICAL-MECHANICAL PROPERTIES OF METALS | High Strength Deformed Steel Bars And Wires For Concrete Reinforcement | Bend Test (Mandrel Diameter:16 mm, 20 mm,24 mm, 30mm,32 mm, 36 mm, 40 mm, 44 mm, 50 mm 56 mm, 60mm, 64 mm 70 mm, 75 mm,84 mm 100 mm, 108 mm, 120mm, 128 mm, 140 mm, 150mm, 160 mm, 175 mm, 192mm, 224 mm, 256mm,280mm,288mm,320mm,360mm) | IS 1599 |
| 247 | MECHANICAL-MECHANICAL PROPERTIES OF METALS | High Strength Deformed Steel Bars and Wires For Concrete Reinforcement | Nominal Mass | IS 1786 |

# SCOPE OF ACCREDITATION

**Laboratory Name :** ACADEMY OF CONCRETE TECHNOLOGY AND LABORATORY (ACT), #612, SMV LAYOUT, 6TH BLOCK, 80FT ROAD, HILLROCK SCHOOL ROAD, BENGALURU, KARNATAKA, INDIA

**Accreditation Standard** ISO/IEC 17025:2017

**Certificate Number** NABLT1026KA19862 **Page No** 21 of 27

**Validity** 26/10/2026 to 25/10/2030 **Last Amended on** -

| S.No | Discipline / Group | Materials or Products tested | Component, parameter or characteristic tested / Specific Test Performed / Tests or type of tests performed | Test Method Specification against which tests are performed and / or the techniques / equipment used |
|---|---|---|---|---|
| 248 | MECHANICAL-MECHANICAL PROPERTIES OF METALS | High Strength Deformed Steel Bars And Wires For Concrete Reinforcement | Re Bend Test (Mandrel Diameter:16mm,20mm,24mm,30mm, 32 mm,36mm, 40 mm, 48mm 50 mm. 56 mm, 60 mm ,64mm,70mm,72mm,75mm,80mm, 84 mm, 96mm,100 mm, 108mm, 112mm,120 mm, 125mm,128mm,140 mm, 150mm, 160 mm, 175 mm, 180mm,192mm,200mm, 224 mm,225mm,240mm, 256 mm,280mm, 288mm,320mm,360mm) | IS 1786 |
| 249 | MECHANICAL-MECHANICAL PROPERTIES OF METALS | High Strength Deformed Steel Bars and Wires for Concrete Reinforcement | Tensile Strength | IS 1608 (Part 1) |
| 250 | MECHANICAL-MECHANICAL PROPERTIES OF METALS | High Strength Deformed Steel Bars and Wires for Concrete Reinforcement,Steel Tubes | Elongation | IS 1608 (Part 1) |
| 251 | MECHANICAL-MECHANICAL PROPERTIES OF METALS | High Strength Deformed Steel Bars and Wires for Concrete Reinforcement | 0.2 % Proof Stress | IS 1608 (Part 1) |
| 252 | MECHANICAL-MECHANICAL PROPERTIES OF METALS | Hot Rolled Medium & High Tensile Structural Steel / Hollow Steel Sections | Bend Test (Mandrel Diameter:10 mm, 12 mm, 16 mm 18mm, 20 mm, 24 mm 30 mm,32 mm, 36 mm 40 mm, 44mm, 50 mm 56 mm, 60 mm,64 mm, 70 mm, 75 mm , 84mm, 100 mm) | IS 1599 |

# SCOPE OF ACCREDITATION

| | |
|---|---|
| **Laboratory Name :** | ACADEMY OF CONCRETE TECHNOLOGY AND LABORATORY (ACT), #612, SMV LAYOUT, 6TH BLOCK, 80FT ROAD, HILLROCK SCHOOL ROAD, BENGALURU, KARNATAKA, INDIA |
| **Accreditation Standard** | ISO/IEC 17025:2017 |
| **Certificate Number** | NABLT1026KA19862 |
| **Page No** | 22 of 27 |
| **Validity** | 26/10/2026 to 25/10/2030 |
| **Last Amended on** | - |

| S.No | Discipline / Group | Materials or Products tested | Component, parameter or characteristic tested / Specific Test Performed / Tests or type of tests performed | Test Method Specification against which tests are performed and / or the techniques / equipment used |
|---|---|---|---|---|
| 253 | MECHANICAL-MECHANICAL PROPERTIES OF METALS | Hot Rolled Medium & High Tensile Structural Steel / Hollow Steel Sections | Elongation | IS 1608 (Part 1) |
| 254 | MECHANICAL-MECHANICAL PROPERTIES OF METALS | Hot Rolled Medium & High Tensile Structural Steel / Hollow Steel Sections | Weight per meter | IS 1732 |
| 255 | MECHANICAL-MECHANICAL PROPERTIES OF METALS | Hot Rolled Medium & High Tensile Structural Steel / Hollow Steel Sections | weight per meter | IS 4923 |
| 256 | MECHANICAL-MECHANICAL PROPERTIES OF METALS | Hot Rolled Medium & High Tensile Structural Steel / Hollow Steel Sections ,Steel Tubes | Yield Stress | IS 1608 (Part 1) |
| 257 | MECHANICAL-MECHANICAL PROPERTIES OF METALS | Hot Rolled Medium & High Tensile Structural Steel / Hollow Steel Sections,Steel Tubes,Binding wire | Tensile Strength | IS 1608 (Part 1) |
| 258 | MECHANICAL-MECHANICAL PROPERTIES OF METALS | Hot Rolled Medium & High Tensile Structural Steel / Hollow Steel Sections | Mass per unit area | IS 1730 |
| 259 | MECHANICAL-MECHANICAL PROPERTIES OF METALS | Hot Rolled Medium & High Tensile Structural Steel/ Hollow Steel Sections | Weight/ Meter | IS 808 |
| 260 | MECHANICAL-MECHANICAL PROPERTIES OF METALS | Reinforcement Coupler | Static Tensile strength | IS 16172 |
| 261 | MECHANICAL-MECHANICAL PROPERTIES OF METALS | Reinforcement Coupler | Uniform Elongation @ Maximum Force | IS 16172 |

# SCOPE OF ACCREDITATION

**Laboratory Name :** ACADEMY OF CONCRETE TECHNOLOGY AND LABORATORY (ACT), #612, SMV LAYOUT, 6TH BLOCK, 80FT ROAD, HILLROCK SCHOOL ROAD, BENGALURU, KARNATAKA, INDIA

**Accreditation Standard** ISO/IEC 17025:2017

**Certificate Number** NABLT1026KA19862 **Page No** 23 of 27

**Validity** 26/10/2026 to 25/10/2030 **Last Amended on** -

| S.No | Discipline / Group | Materials or Products tested | Component, parameter or characteristic tested / Specific Test Performed / Tests or type of tests performed | Test Method Specification against which tests are performed and / or the techniques / equipment used |
|---|---|---|---|---|
| 262 | MECHANICAL-MECHANICAL PROPERTIES OF METALS | Steel Tubes | Mass Per Meter | IS 1161 |
| 263 | MECHANICAL-MECHANICAL PROPERTIES OF METALS | Uncoated Stress-Relieved Low Relaxation Seven-Ply Strand For Prestressed Concrete | 0.2 % Proof Load | IS 14268 |
| 264 | MECHANICAL-MECHANICAL PROPERTIES OF METALS | Uncoated Stress-Relieved Low Relaxation Seven-Ply Strand For Prestressed Concrete | Breaking strength | IS 14268 |
| 265 | MECHANICAL-MECHANICAL PROPERTIES OF METALS | Uncoated Stress-Relieved Low Relaxation Seven-Ply Strand For Prestressed Concrete | Elongation | IS 14268 |
| 266 | MECHANICAL-MECHANICAL PROPERTIES OF METALS | Uncoated Stress-Relieved Low Relaxation Seven-Ply Strand For Prestressed Concrete | Lay Length | IS 14268 |
| 267 | MECHANICAL-MECHANICAL PROPERTIES OF METALS | Uncoated Stress-Relieved Low Relaxation Seven-Ply Strand For Prestressed Concrete | Nominal Mass | IS 14268 |
| 268 | MECHANICAL- SOIL AND ROCKS | Marble | Hardness by Mhos scale | IS 1130 |
| 269 | MECHANICAL- SOIL AND ROCKS | Marble | True Specific Gravity | IS 1122 |
| 270 | MECHANICAL- SOIL AND ROCKS | Marble | Water Absorption | IS 1124 |
| 271 | MECHANICAL- SOIL AND ROCKS | Natural Building Stone | Apparent Specific Gravity | IS 1124 |
| 272 | MECHANICAL- SOIL AND ROCKS | Natural Building Stone | Compressive Strength | IS 1121 (Part 1) |
| 273 | MECHANICAL- SOIL AND ROCKS | Natural Building Stone | True Specific Gravity | IS 1122 |

# SCOPE OF ACCREDITATION

**Laboratory Name :** ACADEMY OF CONCRETE TECHNOLOGY AND LABORATORY (ACT), #612, SMV LAYOUT, 6TH BLOCK, 80FT ROAD, HILLROCK SCHOOL ROAD, BENGALURU, KARNATAKA, INDIA

**Accreditation Standard** ISO/IEC 17025:2017

**Certificate Number** NABLT1026KA19862 **Page No** 24 of 27

**Validity** 26/10/2026 to 25/10/2030 **Last Amended on** -

| S.No | Discipline / Group | Materials or Products tested | Component, parameter or characteristic tested / Specific Test Performed / Tests or type of tests performed | Test Method Specification against which tests are performed and / or the techniques / equipment used |
|---|---|---|---|---|
| 274 | MECHANICAL- SOIL AND ROCKS | Natural Building stone | Water Absorption | IS 1124 |
| 275 | MECHANICAL- SOIL AND ROCKS | Soil | Direct Shear - Angle of internal friction | IS 2720 (Part 13) |
| 276 | MECHANICAL- SOIL AND ROCKS | Soil | Direct Shear - Cohesion | IS 2720 : Part 13 |
| 277 | MECHANICAL- SOIL AND ROCKS | SOIL | Grain Size Analysis by Hydrometer (0.075mm, 0.002 mm) | IS 2720 (Part 4) |
| 278 | MECHANICAL- SOIL AND ROCKS | SOIL | Light Compaction - MDD | IS 2720 : Part 7 |
| 279 | MECHANICAL- SOIL AND ROCKS | SOIL | Light Compaction - OMC | IS 2720 (PART-7) |
| 280 | MECHANICAL- SOIL AND ROCKS | Soil/GSB/WMM | CBR | IS 2720 : Part 16 |
| 281 | MECHANICAL- SOIL AND ROCKS | Soil/GSB/WMM/WBM | Free Swell Index | IS 2720 Part 40 |
| 282 | MECHANICAL- SOIL AND ROCKS | SOIL/GSB/WMM/WBM | Grain Sizeanalysis (75mm,63mm,53mm,45 mm,26.5mm,22.4mm,13. 2mm,11.2mm,10mm,9.50 mm,5.6mm,4.75mm,1.18 mm,1mm,2.36mm,0.85m m,0.600mm,0.425mm,0.1 80mm,0.075mm) | IS 2720 (PART 4) |
| 283 | MECHANICAL- SOIL AND ROCKS | SOIL/GSB/WMM/WBM | Heavy Compaction - MDD | IS 2720 : Part 8 |
| 284 | MECHANICAL- SOIL AND ROCKS | SOIL/GSB/WMM/WBM | Heavy Compaction - OMC | IS 2720 : Part 8 |
| 285 | MECHANICAL- SOIL AND ROCKS | SOIL/GSB/WMM/WBM | Liquid Limit | IS 2720 PART 5 |
| 286 | MECHANICAL- SOIL AND ROCKS | SOIL/GSB/WMM/WBM | Plastic Limit | IS 2720 ( PART -5) |

# SCOPE OF ACCREDITATION

**Laboratory Name :** ACADEMY OF CONCRETE TECHNOLOGY AND LABORATORY (ACT), #612, SMV LAYOUT, 6TH BLOCK, 80FT ROAD, HILLROCK SCHOOL ROAD, BENGALURU, KARNATAKA, INDIA

**Accreditation Standard** ISO/IEC 17025:2017

**Certificate Number** NABLT1026KA19862 **Page No** 25 of 27

**Validity** 26/10/2026 to 25/10/2030 **Last Amended on** -

| S.No | Discipline / Group | Materials or Products tested | Component, parameter or characteristic tested / Specific Test Performed / Tests or type of tests performed | Test Method Specification against which tests are performed and / or the techniques / equipment used |
|---|---|---|---|---|
| 287 | NON-DESTRUCTIVE-BUILDING MATERIALS - REINFORCED CONCRETE STRUCTURES | Harden Concrete | Cover Meter-Depth and Size of Reinforcement | BS 1881 : Part 204 |
| 288 | NON-DESTRUCTIVE-BUILDING MATERIALS - REINFORCED CONCRETE STRUCTURES | Harden Concrete | Dynamic Young's Modulus of Elasticity Using Ultrasonic Pulse Velocity Measurements | IS 516 (Part 5/Sec 1) |
| 289 | NON-DESTRUCTIVE-BUILDING MATERIALS - REINFORCED CONCRETE STRUCTURES | Hardened Concrete | Carbonation Depth Test | IS 516 : Part 5 : Sec 3 |
| 290 | NON-DESTRUCTIVE-BUILDING MATERIALS - REINFORCED CONCRETE STRUCTURES | Hardened Concrete | Half-Cell Potentials of Uncoated Reinforcing Steel in Concrete | IS 516 : Part 5 : Sec 2 |
| 291 | NON-DESTRUCTIVE-BUILDING MATERIALS - REINFORCED CONCRETE STRUCTURES | Hardened Concrete | Rebound Hammer Test | IS: 516 (Part 5/Sec 4) |
| 292 | NON-DESTRUCTIVE-BUILDING MATERIALS - REINFORCED CONCRETE STRUCTURES | Hardened Concrete | The Depth of a Surface Crack Using Ultrasonic Pulse Velocity | IS 516 (Part 5/Sec 1) |
| 293 | NON-DESTRUCTIVE-BUILDING MATERIALS - REINFORCED CONCRETE STRUCTURES | Hardened Concrete | Ultrasonic Pulse Velocity | IS 516 : Part 5 : Sec 1 |

# SCOPE OF ACCREDITATION

| | |
|---|---|
| **Laboratory Name :** | ACADEMY OF CONCRETE TECHNOLOGY AND LABORATORY (ACT), #612, SMV LAYOUT, 6TH BLOCK, 80FT ROAD, HILLROCK SCHOOL ROAD, BENGALURU, KARNATAKA, INDIA |
| **Accreditation Standard** | ISO/IEC 17025:2017 |
| **Certificate Number** | NABLT1026KA19862 |
| **Page No** | 26 of 27 |
| **Validity** | 26/10/2026 to 25/10/2030 |
| **Last Amended on** | - |

| S.No | Discipline / Group | Materials or Products tested | Component, parameter or characteristic tested / Specific Test Performed / Tests or type of tests performed | Test Method Specification against which tests are performed and / or the techniques / equipment used |
|---|---|---|---|---|
| Site Testing | | | | |
| 1 | MECHANICAL-BUILDINGS MATERIALS | Concrete Admixture | Air Content | IS 1199 : Part 4 |
| 2 | MECHANICAL-BUILDINGS MATERIALS | Concrete Admixture | Bleeding | IS 9103 |
| 3 | MECHANICAL-BUILDINGS MATERIALS | Concrete Admixture | FlowTest | IS 9103 |
| 4 | MECHANICAL-BUILDINGS MATERIALS | Concrete Admixture | Workability (Slump) | IS 1199 : Part 2 |
| 5 | MECHANICAL-BUILDINGS MATERIALS | Fine Aggregates | Bulking | IS 2386 (Part 3) |
| 6 | MECHANICAL- SOIL AND ROCKS | Soil | Dry Density of Soils by Core-Cutter Method | IS 2720 : Part 29 |
| 7 | MECHANICAL- SOIL AND ROCKS | Soil/GSB/WMM/WBM | Dry density Of Soils In-Place, by Sand Replacement Method | IS : 2720 ( Part 28) |
| 8 | NON-DESTRUCTIVE-BUILDING MATERIALS - REINFORCED CONCRETE STRUCTURES | Harden Concrete | Cover Meter-Depth and Size of Reinforcement | BS 1881 : Part 204 |
| 9 | NON-DESTRUCTIVE-BUILDING MATERIALS - REINFORCED CONCRETE STRUCTURES | Harden Concrete | Dynamic Young's Modulus of Elasticity Using Ultrasonic Pulse Velocity Measurements | IS 516 (Part 5/Sec 1) |

# SCOPE OF ACCREDITATION

| | |
|---|---|
| **Laboratory Name :** | ACADEMY OF CONCRETE TECHNOLOGY AND LABORATORY (ACT), #612, SMV LAYOUT, 6TH BLOCK, 80FT ROAD, HILLROCK SCHOOL ROAD, BENGALURU, KARNATAKA, INDIA |
| **Accreditation Standard** | ISO/IEC 17025:2017 |
| **Certificate Number** | NABLT1026KA19862 |
| **Page No** | 27 of 27 |
| **Validity** | 26/10/2026 to 25/10/2030 |
| **Last Amended on** | - |

| S.No | Discipline / Group | Materials or Products tested | Component, parameter or characteristic tested / Specific Test Performed / Tests or type of tests performed | Test Method Specification against which tests are performed and / or the techniques / equipment used |
|---|---|---|---|---|
| 10 | NON-DESTRUCTIVE-BUILDING MATERIALS - REINFORCED CONCRETE STRUCTURES | Hardened Concrete | Carbonation Depth Test | IS 516 : Part 5 : Sec 3 |
| 11 | NON-DESTRUCTIVE-BUILDING MATERIALS - REINFORCED CONCRETE STRUCTURES | Hardened Concrete | Half-Cell Potentials of Uncoated Reinforcing Steel in Concrete | IS 516 : Part 5 : Sec 2 |
| 12 | NON-DESTRUCTIVE-BUILDING MATERIALS - REINFORCED CONCRETE STRUCTURES | Hardened Concrete | Rebound Hammer Test | IS: 516 (Part 5/Sec 4) |
| 13 | NON-DESTRUCTIVE-BUILDING MATERIALS - REINFORCED CONCRETE STRUCTURES | Hardened Concrete | The Depth of a Surface Crack Using Ultrasonic Pulse Velocity | IS 516 (Part 5/Sec 1) |
| 14 | NON-DESTRUCTIVE-BUILDING MATERIALS - REINFORCED CONCRETE STRUCTURES | Hardened Concrete | Ultrasonic Pulse Velocity | IS 516 : Part 5 : Sec 1 |