# National Accreditation Board for Testing and Calibration Laboratories

## SCOPE OF ACCREDITATION

**Laboratory Name :** PTH CONSULTANCY SERVICES (MATERIAL TESTING LAB), SHOP NO. 314, 3RD FLOOR, 99 SHOPPING CENTER, AMROLI-SAYAN ROAD, AMROLI, SURAT, GUJARAT, INDIA

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

**Certificate Number** TC-11073 **Page No** 1 of 3

**Validity** 19/10/2022 to 18/10/2024 **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 Facility | | | | |
| 1 | CHEMICAL- BUILDING MATERIAL | Admixture | % Chloride | IS 6925 |
| 2 | CHEMICAL- BUILDING MATERIAL | Admixture | Ash Content | IS 9103 |
| 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 | Hydraulic Cement/OPC | Alumina as Al2O3 | IS 4032 |
| 7 | CHEMICAL- BUILDING MATERIAL | Hydraulic Cement/OPC | Calcium Oxide as CaO | IS 4032 |
| 8 | CHEMICAL- BUILDING MATERIAL | Hydraulic Cement/OPC | Ferric Oxide as Fe2O3 | IS 4032 |
| 9 | CHEMICAL- BUILDING MATERIAL | Hydraulic Cement/OPC | Insoluble Residue | IS 4032 |
| 10 | CHEMICAL- BUILDING MATERIAL | Hydraulic Cement/OPC | Loss on Ignition | IS 4032 |
| 11 | CHEMICAL- BUILDING MATERIAL | Hydraulic Cement/OPC | Magnesia as MgO | IS 4032 |
| 12 | CHEMICAL- BUILDING MATERIAL | Hydraulic Cement/OPC | Silica as SiO2 | IS 4032 |
| 13 | CHEMICAL- BUILDING MATERIAL | Hydraulic Cement/OPC | Total Sulphur as SO3 | IS 4032 |
| 14 | CHEMICAL- BUILDING MATERIAL | Portland Pozzolana Cement | Insoluble Residue | IS 4032 |
| 15 | CHEMICAL- BUILDING MATERIAL | Portland Pozzolana Cement | Loss on Ignition | IS 4032 |
| 16 | CHEMICAL- BUILDING MATERIAL | Portland Pozzolana Cement | Magnesia as MgO | IS 4032 |
| 17 | CHEMICAL- BUILDING MATERIAL | Portland Pozzolana Cement | Total Sulphur as SO3 | IS 4032 |
| 18 | CHEMICAL- BUILDING MATERIAL | Pozzolanic Material | Calcium Oxide as CaO | IS 1727 |

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|---|---|---|---|---|
| 19 | CHEMICAL- BUILDING MATERIAL | Pozzolanic Material | Combined Ferric Oxide and Alumina | IS 1727 |
| 20 | CHEMICAL- BUILDING MATERIAL | Pozzolanic Material | Loss on Ignition | IS 1727 |
| 21 | CHEMICAL- BUILDING MATERIAL | Pozzolanic Material | Magnesia | IS 1727 |
| 22 | CHEMICAL- BUILDING MATERIAL | Pozzolanic Material | Silica | IS 1727 |
| 23 | CHEMICAL- BUILDING MATERIAL | Pozzolanic Material | Soluble Salts | IS 1727 |
| 24 | CHEMICAL- BUILDING MATERIAL | Pozzolanic Material | Total Sulphur as SO3 | IS 1727 |
| 25 | CHEMICAL- METALS & ALLOYS | Carbon Steel | Aluminium | IS 8811 |
| 26 | CHEMICAL- METALS & ALLOYS | Carbon Steel | Carbon | IS 8811 |
| 27 | CHEMICAL- METALS & ALLOYS | Carbon Steel | Chromium | IS 8811 |
| 28 | CHEMICAL- METALS & ALLOYS | Carbon Steel | Manganese | IS 8811 |
| 29 | CHEMICAL- METALS & ALLOYS | Carbon Steel | Nickel | IS 8811 |
| 30 | CHEMICAL- METALS & ALLOYS | Carbon Steel | Phosphorus | IS 8811 |
| 31 | CHEMICAL- METALS & ALLOYS | Carbon Steel | Silicon | IS 8811 |
| 32 | CHEMICAL- METALS & ALLOYS | Carbon Steel | Sulphur | IS 8811 |
| 33 | CHEMICAL- METALS & ALLOYS | Stainless Steel | Carbon | IS 9879 |
| 34 | CHEMICAL- METALS & ALLOYS | Stainless Steel | Chromium | IS 9879 |
| 35 | CHEMICAL- METALS & ALLOYS | Stainless Steel | Copper | IS 9879 |
| 36 | CHEMICAL- METALS & ALLOYS | Stainless Steel | Manganese | IS 9879 |
| 37 | CHEMICAL- METALS & ALLOYS | Stainless Steel | Molybdenum | IS 9879 |

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|---|---|---|---|---|
| 38 | CHEMICAL- METALS & ALLOYS | Stainless Steel | Nickel | IS 9879 |
| 39 | CHEMICAL- METALS & ALLOYS | Stainless Steel | Phosphorus | IS 9879 |
| 40 | CHEMICAL- METALS & ALLOYS | Stainless Steel | Silicon | IS 9879 |
| 41 | CHEMICAL- METALS & ALLOYS | Stainless Steel | Sulphur | IS 9879 |
| 42 | CHEMICAL- WATER | Water for Construction Purpose | Acidity | IS 3025 (Part 22) |
| 43 | CHEMICAL- WATER | Water for Construction Purpose | Alkalinity | IS 3025 (Part 23) |
| 44 | CHEMICAL- WATER | Water for Construction Purpose | Chloride | IS 3025 (Part 32) Argentometric Method |
| 45 | CHEMICAL- WATER | Water for Construction Purpose | Inorganic Solids | IS 3025 (Part 18) |
| 46 | CHEMICAL- WATER | Water for Construction Purpose | Organic Solids | IS 3025 (Part 18) |
| 47 | CHEMICAL- WATER | Water for Construction Purpose | pH | IS 3025 (Part 11) |
| 48 | CHEMICAL- WATER | Water for Construction Purpose | Sulphate | IS 3025 (Part 24) Turbidity method |
| 49 | CHEMICAL- WATER | Water for Construction Purpose | Total Dissolved Solids | IS 3025 (Part 16) |
| 50 | CHEMICAL- WATER | Water for Construction Purpose | Total Solids | IS 3025 (Part 15) |
| 51 | CHEMICAL- WATER | Water for Construction Purpose | Total Suspended Solids | IS 3025 (Part 17) |
| 52 | CHEMICAL- WATER | Water for Construction Purpose | Turbidity | IS 3025 (Part 10) |