# National Accreditation Board for Testing and Calibration Laboratories

## SCOPE OF ACCREDITATION

**Laboratory Name :** VR PETROCHEM INDIA LLP TESTING LABORATORY, BLOCK 17 AND 18, MANJUSAR SOKHDA ROAD, MANJUSAR, VADODARA, GUJARAT, INDIA

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

**Certificate Number** TC-11537 **Page No** 1 of 2

**Validity** 10/04/2023 to 09/04/2025 **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 | MECHANICAL- BUILDINGS MATERIALS | Bitumen | Absolute Viscosity | IS 1206 (Part 2) |
| 2 | MECHANICAL- BUILDINGS MATERIALS | Bitumen | Ductility @ 25°C | IS 1208 |
| 3 | MECHANICAL- BUILDINGS MATERIALS | Bitumen | Kinematics Viscosity | IS 1206 (Part 3) |
| 4 | MECHANICAL- BUILDINGS MATERIALS | Bitumen | Solubility in Trichloroethylene | IS 1216 |
| 5 | MECHANICAL- BUILDINGS MATERIALS | Bitumen Emulsion MS | Coating Ability and Water Resistance | IS 8887 |
| 6 | MECHANICAL- BUILDINGS MATERIALS | Bitumen Emulsion RS-1, RS-2, MS, SS-1, SS-2 | Coagulation of Emulsion at Low Temperature | IS 8887 |
| 7 | MECHANICAL- BUILDINGS MATERIALS | Bitumen Emulsion RS-1, RS-2, MS, SS-1, SS-2 | Miscibility with water | IS 8887 |
| 8 | MECHANICAL- BUILDINGS MATERIALS | Bitumen Emulsion RS-1, RS-2, MS, SS-1, SS-2 | Residue on 600 µm Sieve | IS 8887 |
| 9 | MECHANICAL- BUILDINGS MATERIALS | Bitumen Emulsion RS-1, RS-2, MS, SS-1, SS-2 | Saybolt Furol Viscosity | IS 3117 |
| 10 | MECHANICAL- BUILDINGS MATERIALS | Bitumen Emulsion RS-1, RS-2, MS, SS-1, SS-2 | Solubility in Trichloroethylene | IS 1216 |
| 11 | MECHANICAL- BUILDINGS MATERIALS | Bitumen Emulsion RS-1, RS-2, MS, SS-1, SS-2 | Storage Stability After 24 hours | IS 8887 |
| 12 | MECHANICAL- BUILDINGS MATERIALS | Bitumen Emulsion RS-1, RS-2, MS, SS-2 | Ductility @ 27°C | IS 1208 (Part 1) |
| 13 | MECHANICAL- BUILDINGS MATERIALS | Bitumen Emulsion RS-1, RS-2, MS, SS-2 | Particle Charge | IS 8887 |
| 14 | MECHANICAL- BUILDINGS MATERIALS | Bitumen Emulsion RS-1, RS-2, MS, SS-2 | Penetration on Residue 25°C/100g/5 Seconds | IS 1203 |
| 15 | MECHANICAL- BUILDINGS MATERIALS | Bitumen Emulsion RS-1, RS-2, MS, SS-2 | Residue by Evaporation | IS 8887 |
| 16 | MECHANICAL- BUILDINGS MATERIALS | Bitumen Emulsion SS-1 | Distillation in Percent Volume of Distillate Recovered at 360°C | IS 1213 |
| 17 | MECHANICAL- BUILDINGS MATERIALS | Bitumen Emulsion SS-1 | Water Content | IS 1211 |
| 18 | MECHANICAL- BUILDINGS MATERIALS | Bitumen, Modified Bitumen (PMB) | Penetration @ 25°C/100g/5 Seconds | IS 1203 |

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|---|---|---|---|---|
| 19 | MECHANICAL- BUILDINGS MATERIALS | Bitumen, Modified Bitumen (PMB) | Softening Point | IS 1205 |
| 20 | MECHANICAL- BUILDINGS MATERIALS | Modified Bitumen (PMB) | Elastic Recovery | IS 15462 |