National Accreditation Board for Testing and Calibration Laboratories

SCOPE OF ACCREDITATION

Laboratory Name : QC LABORATORY - NEPTUNE PETROCHEMICALS PRIVATE LIMITED, PLOT NO. 22/A, OZONE INDUSTRIAL PARK, BHAILA, BAVLA, AHMEDABAD, GUJARAT, INDIA

Accreditation Standard ISO/IEC 17025:2017

Certificate Number TC-9708 **Page No** 1 of 2

Validity 26/08/2022 to 25/07/2023 **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	Emulsion Bitumen	Coagulation of emulsion at Low Temperature	IS 8887
2	MECHANICAL- BUILDINGS MATERIALS	Emulsion Bitumen	Coating ability and water resistance	IS 8887
3	MECHANICAL- BUILDINGS MATERIALS	Emulsion Bitumen	Miscibility with water	IS 8887
4	MECHANICAL- BUILDINGS MATERIALS	Emulsion Bitumen	Particle charge	IS 8887
5	MECHANICAL- BUILDINGS MATERIALS	Emulsion Bitumen	Residue by sieving through 600 micron sieve	IS 8887
6	MECHANICAL- BUILDINGS MATERIALS	Emulsion Bitumen	Stability to mixing with cement	IS 8887
7	MECHANICAL- BUILDINGS MATERIALS	Emulsion Bitumen	Storage Stability	IS 8887
8	MECHANICAL- BUILDINGS MATERIALS	Emulsion Bitumen	Test on Residue - Distillation in percent	IS 1213
9	MECHANICAL- BUILDINGS MATERIALS	Emulsion Bitumen	Test on Residue - Ductility	IS 1208
10	MECHANICAL- BUILDINGS MATERIALS	Emulsion Bitumen	Test on Residue - Penetration	IS 1203
11	MECHANICAL- BUILDINGS MATERIALS	Emulsion Bitumen	Test on Residue - Residue by evaporation	IS 8887
12	MECHANICAL- BUILDINGS MATERIALS	Emulsion Bitumen	Test on Residue - Solubility in Trichloroethylene	IS 1216
13	MECHANICAL- BUILDINGS MATERIALS	Emulsion Bitumen	Test on Residue - Water content, percent by mass	IS 1211
14	MECHANICAL- BUILDINGS MATERIALS	Emulsion Bitumen	Viscosity by Saybolt Furol Viscometer	IS 3117
15	MECHANICAL- BUILDINGS MATERIALS	Paving / Modified Bitumen	Absolute Viscosity @ 60°C	IS 1206 (Part-2)
16	MECHANICAL- BUILDINGS MATERIALS	Paving / Modified Bitumen	Brookfield Viscosity @ 150 °C, Poise	ASTM D 4402
17	MECHANICAL- BUILDINGS MATERIALS	Paving / Modified Bitumen	Ductility	IS 1208
18	MECHANICAL- BUILDINGS MATERIALS	Paving / Modified Bitumen	Elastic Recovery of Half Thread in Ductilometer @ 15 °C percent, Min.	IS 15462

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19	MECHANICAL- BUILDINGS MATERIALS	Paving / Modified Bitumen	Flash Point	IS 1209
20	MECHANICAL- BUILDINGS MATERIALS	Paving / Modified Bitumen	Kinematic Viscosity @ 135 °C	IS 1206 (Part-3)
21	MECHANICAL- BUILDINGS MATERIALS	Paving / Modified Bitumen	Penetration	IS 1203
22	MECHANICAL- BUILDINGS MATERIALS	Paving / Modified Bitumen	Separation Difference in Softening Point (R & B) °C Max.	IS 15462
23	MECHANICAL- BUILDINGS MATERIALS	Paving / Modified Bitumen	Softening Point	IS 1205
24	MECHANICAL- BUILDINGS MATERIALS	Paving / Modified Bitumen	Solubility in Trichloroethylene	IS 1216
25	MECHANICAL- BUILDINGS MATERIALS	Paving / Modified Bitumen	Thin Film Oven Test and on Residue - Elastic Recovery of Half Thread in ductilometer @ 25 °C	IS 15462
26	MECHANICAL- BUILDINGS MATERIALS	Paving / Modified Bitumen	Thin Film Oven Test and on Residue - Increase in Softening Point	IS 1205
27	MECHANICAL- BUILDINGS MATERIALS	Paving / Modified Bitumen	Thin Film Oven Test and on Residue - Loss in Mass	IS 9382
28	MECHANICAL- BUILDINGS MATERIALS	Paving / Modified Bitumen	Thin Film Oven Test and on Residue - Reduction in Penetration of Residue @ 25 °C	IS 1203
29	MECHANICAL- BUILDINGS MATERIALS	Paving / Modified Bitumen	Thin Film Oven Test and on Residue - Viscosity Ratio @ 60 °C	IS 1206 (Part-2)