National Accreditation Board for Testing and Calibration Laboratories

SCOPE OF ACCREDITATION

Laboratory Name : LABORATORY DIVISION, HINDUSTAN COLAS PRIVATE LIMITED, PLOT NUMBER 54, WBIIDC, ULUBERIA INDUSTRIAL GROWTH CENTER, HOWRAH, WEST BENGAL, INDIA

Accreditation Standard ISO/IEC 17025:2017

Certificate Number TC-7760 **Page No** 1 of 2

Validity 21/12/2022 to 20/12/2024 **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	MECHANICAL- BUILDINGS MATERIALS	Bitumen Emulsion	Coagulation at Low Temperature	IS:8887 Annexure C
2	MECHANICAL- BUILDINGS MATERIALS	Bitumen Emulsion	Coating Ability	IS:8887 Annexure F
3	MECHANICAL- BUILDINGS MATERIALS	Bitumen Emulsion	Distillation	IS 1213
4	MECHANICAL- BUILDINGS MATERIALS	Bitumen Emulsion	Miscibility with water	IS:8887 Annexure H
5	MECHANICAL- BUILDINGS MATERIALS	Bitumen Emulsion	Particle Charge	IS:8887 Annexure E
6	MECHANICAL- BUILDINGS MATERIALS	Bitumen Emulsion	Residue by Evaporation	IS 8887, Annexure J
7	MECHANICAL- BUILDINGS MATERIALS	Bitumen Emulsion	Residue on 600micron IS Sieve	IS 8887, Annexure B
8	MECHANICAL- BUILDINGS MATERIALS	Bitumen Emulsion	Stability to mixing with Cement	IS 8887, Annexure G
9	MECHANICAL- BUILDINGS MATERIALS	Bitumen Emulsion	Storage Stability	IS 8887, Annexure D
10	MECHANICAL- BUILDINGS MATERIALS	Bitumen Emulsion	Tests on residue Ductility	IS 1208
11	MECHANICAL- BUILDINGS MATERIALS	Bitumen Emulsion	Tests on residue Penetration	IS 1203
12	MECHANICAL- BUILDINGS MATERIALS	Bitumen Emulsion	Tests on Residue Solubility in TCE	IS 1216
13	MECHANICAL- BUILDINGS MATERIALS	Bitumen Emulsion	Viscosity by saybolt furol viscometer at 25 degree C	IS 3117
14	MECHANICAL- BUILDINGS MATERIALS	Bitumen Emulsion	Viscosity by saybolt furol viscometer at 50 degree C	IS 3117
15	MECHANICAL- BUILDINGS MATERIALS	Bitumen Emulsion	Water content	IS 1211
16	MECHANICAL- BUILDINGS MATERIALS	Modified Bitumen	Complex Modulus(G*) divided by Sin delta(G*/Sin ??)	IS 15462
17	MECHANICAL- BUILDINGS MATERIALS	Modified Bitumen	Elastic Recovery at 15°C	IS 15462
18	MECHANICAL- BUILDINGS MATERIALS	Modified Bitumen	Flash Point	IS:1209

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19	MECHANICAL- BUILDINGS MATERIALS	Modified Bitumen	FRASS BREAKING Point	IS 15462
20	MECHANICAL- BUILDINGS MATERIALS	Modified Bitumen	Multiple Stress Creep and Recovery	IS 15462
21	MECHANICAL- BUILDINGS MATERIALS	Modified Bitumen	Penetration	IS 1203
22	MECHANICAL- BUILDINGS MATERIALS	Modified Bitumen	Separation, difference in softening point	IS 15462 (Annex C)
23	MECHANICAL- BUILDINGS MATERIALS	Modified Bitumen	Softening Point	IS 1205
24	MECHANICAL- BUILDINGS MATERIALS	Modified Bitumen	Tests on residue (RTFOT) Loss in mass	IS 9382
25	MECHANICAL- BUILDINGS MATERIALS	Modified Bitumen	Tests on residue (TFOT) Elastic recovery at 25°C	IS 15462, Annex A
26	MECHANICAL- BUILDINGS MATERIALS	Modified Bitumen	Tests on residue (TFOT) increase in Softening Point	IS 1205
27	MECHANICAL- BUILDINGS MATERIALS	Modified Bitumen	Tests on residue (TFOT) Reduction in Penetration	IS 1203
28	MECHANICAL- BUILDINGS MATERIALS	Modified Bitumen	Viscosity at 150 degree C	ASTM D-4402
29	MECHANICAL- BUILDINGS MATERIALS	Paving Bitumen	Absolute Viscosity @ 60 °C	IS 1206 (Part 2)
30	MECHANICAL- BUILDINGS MATERIALS	Paving Bitumen	Flash Point	IS 1209
31	MECHANICAL- BUILDINGS MATERIALS	Paving Bitumen	Kinematic Viscosity @135°C	IS 1206 Part III
32	MECHANICAL- BUILDINGS MATERIALS	Paving Bitumen	Penetration	IS 1203
33	MECHANICAL- BUILDINGS MATERIALS	Paving Bitumen	Softening Point	IS 1205
34	MECHANICAL- BUILDINGS MATERIALS	Paving Bitumen	Solubility in Trichloroethylene	IS 1216