National Accreditation Board for Testing and Calibration Laboratories

SCOPE OF ACCREDITATION

Laboratory Name : LABORATORY DIVISION, HINDUSTAN COLAS PRIVATE LIMITED, JL-128, MOUZA ALICHAK, PS: DURGACHAK, PO: KHANJANCHAK, HALDIA, MEDINIPUR EAST, WEST BENGAL, INDIA

Accreditation Standard ISO/IEC 17025:2017

Certificate Number TC-7729 **Page No** 1 of 3

Validity 13/01/2023 to 12/01/2025 **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 Emulsion	Test on Residue Elastic Recovery @ 25°C	IS 15462 (Annex-A)
2	MECHANICAL- BUILDINGS MATERIALS	Bitumen Emulsion	Coagulation at Low Temperature	IS 8887 Annex C
3	MECHANICAL- BUILDINGS MATERIALS	Bitumen Emulsion	Coating ability and water resistance	IS 8887 Annex F
4	MECHANICAL- BUILDINGS MATERIALS	Bitumen Emulsion	Distillation	IS 1213
5	MECHANICAL- BUILDINGS MATERIALS	Bitumen Emulsion	Miscibility with water	IS 8887 Annex H
6	MECHANICAL- BUILDINGS MATERIALS	Bitumen Emulsion	Particle Charge	IS 8887 Annex E
7	MECHANICAL- BUILDINGS MATERIALS	Bitumen Emulsion	Residue by Evaporation	IS 8887 Annex J
8	MECHANICAL- BUILDINGS MATERIALS	Bitumen Emulsion	Residue on 600µ IS Sieve	IS 8887 Annex B
9	MECHANICAL- BUILDINGS MATERIALS	Bitumen Emulsion	Stability to mixing with Cement	IS 8887 Annex G
10	MECHANICAL- BUILDINGS MATERIALS	Bitumen Emulsion	Storage Stability	IS 8887 Annex D
11	MECHANICAL- BUILDINGS MATERIALS	Bitumen Emulsion	Test on Residue Ductility	IS 1208
12	MECHANICAL- BUILDINGS MATERIALS	Bitumen Emulsion	Test on Residue Penetration	IS 1203
13	MECHANICAL- BUILDINGS MATERIALS	Bitumen Emulsion	Test on Residue Softening point	IS 1205
14	MECHANICAL- BUILDINGS MATERIALS	Bitumen Emulsion	Test on Residue Solubility in Tri chloroethylene	IS 1216
15	MECHANICAL- BUILDINGS MATERIALS	Bitumen Emulsion	Viscosity by Say bolt Furol Viscometer @ 25°C	IS 3117 Annex A
16	MECHANICAL- BUILDINGS MATERIALS	Bitumen Emulsion	Viscosity by Say Bolt Furol Viscometer @ 50°C	IS 3117 Annex A
17	MECHANICAL- BUILDINGS MATERIALS	Bitumen Emulsion	Water Content	IS 1211
18	MECHANICAL- BUILDINGS MATERIALS	Modified Bitumen	Penetration @ 25°C	IS 1203

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19	MECHANICAL- BUILDINGS MATERIALS	Modified Bitumen	Elastic Recovery at 15°C	IS 15462 Annex A
20	MECHANICAL- BUILDINGS MATERIALS	Modified Bitumen	Flash Point	IS 1209
21	MECHANICAL- BUILDINGS MATERIALS	Modified Bitumen	Separation, difference in Softening point	IS 15462 Annex C
22	MECHANICAL- BUILDINGS MATERIALS	Modified Bitumen	Softening Point	IS 1205
23	MECHANICAL- BUILDINGS MATERIALS	Modified Bitumen	Brookfield Viscosity at 150°C	ASTM D 4402
24	MECHANICAL- BUILDINGS MATERIALS	Modified Bitumen	Loss in mass in TFOT	IS 9382
25	MECHANICAL- BUILDINGS MATERIALS	Modified Bitumen	Test on Residue (TFOT) Change in Softening point	IS 1205
26	MECHANICAL- BUILDINGS MATERIALS	Modified Bitumen	Test on Residue (TFOT) Elastic Recovery at 25°C	IS 15462 Annex A
27	MECHANICAL- BUILDINGS MATERIALS	Modified Bitumen	Test on Residue (TFOT) Reduction in Penetration	IS 1203
28	MECHANICAL- BUILDINGS MATERIALS	Modified Bitumen	Viscosity @ 150°C	IS 1206 Part-2
29	MECHANICAL- BUILDINGS MATERIALS	Paving Bitumen	Absolute Viscosity at 60°C	IS 1206 (Part2)
30	MECHANICAL- BUILDINGS MATERIALS	Paving Bitumen	Brookfield Kinematic Viscosity at 135°C	ASTM D 4402
31	MECHANICAL- BUILDINGS MATERIALS	Paving Bitumen	Flash Point	IS 1448 Part 69
32	MECHANICAL- BUILDINGS MATERIALS	Paving Bitumen	Kinematic Viscosity at 135°C	IS 1206 Part 3
33	MECHANICAL- BUILDINGS MATERIALS	Paving Bitumen	Penetration @ 25°C	IS 1203
34	MECHANICAL- BUILDINGS MATERIALS	Paving Bitumen	Softening Point	IS 1205
35	MECHANICAL- BUILDINGS MATERIALS	Paving Bitumen	Solubility in Trichloroethylene	IS 1216
36	MECHANICAL- BUILDINGS MATERIALS	Paving Bitumen	Tests on residue from rolling thin film oven test: Ductility @ 25°C	IS 1208

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37	MECHANICAL- BUILDINGS MATERIALS	Paving Bitumen	Tests on residue from rolling thin film oven test:Viscosity ratio at 60°C	IS 1206 (Part2)