National Accreditation Board for Testing and Calibration Laboratories

SCOPE OF ACCREDITATION

Laboratory Name : LABORATORY DIVISION, HINDUSTAN COLAS PRIVATE LIMITED, INDUSTRIAL GROWTH CENTER, AIIDC, CHAYGAON, GUWAHATI, KAMRUP, ASSAM, INDIA

Accreditation Standard ISO/IEC 17025:2017

Certificate Number TC-11436 **Page No** 1 of 2

Validity 14/03/2023 to 13/03/2025 **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 and Modified Bitumen	Absolute Viscosity (at 60 °C)	IS 1206 (Part 2)
2	MECHANICAL- BUILDINGS MATERIALS	Bitumen and Modified Bitumen	Complex Modulus	IS 15462 (Annex B)
3	MECHANICAL- BUILDINGS MATERIALS	Bitumen and Modified Bitumen	Ductility	IS 1208
4	MECHANICAL- BUILDINGS MATERIALS	Bitumen and Modified Bitumen	Elastic Recovery (at 15 °C)	IS 15462 (Annex A)
5	MECHANICAL- BUILDINGS MATERIALS	Bitumen and Modified Bitumen	Flash Point	IS:1448 (Part 69)
6	MECHANICAL- BUILDINGS MATERIALS	Bitumen and Modified Bitumen	MSCR Test - Jnr3.2	IS 15462 - Annex D
7	MECHANICAL- BUILDINGS MATERIALS	Bitumen and Modified Bitumen	Penetration	IS 1203
8	MECHANICAL- BUILDINGS MATERIALS	Bitumen and Modified Bitumen	Phase Angle	IS 15462 (Annex B)
9	MECHANICAL- BUILDINGS MATERIALS	Bitumen and Modified Bitumen	Separation (Difference Soft Point)	IS 15462 (Annex C)
10	MECHANICAL- BUILDINGS MATERIALS	Bitumen and Modified Bitumen	Softening Point	IS 1205
11	MECHANICAL- BUILDINGS MATERIALS	Bitumen and Modified Bitumen	Solubility in Trichloroethylene	IS 1216
12	MECHANICAL- BUILDINGS MATERIALS	Bitumen and Modified Bitumen	Test on Residue (TFOT) Change in Softening Point	IS 1205
13	MECHANICAL- BUILDINGS MATERIALS	Bitumen and Modified Bitumen	Test on Residue (TFOT) Loss in Mass	IS 9382
14	MECHANICAL- BUILDINGS MATERIALS	Bitumen and Modified Bitumen	Test on Residue (TFOT) Elastic Recovery (at 25 °C)	IS 15462 (Annex A)
15	MECHANICAL- BUILDINGS MATERIALS	Bitumen and Modified Bitumen	Test on Residue (TFOT) Reduction in Penetration	IS 1203
16	MECHANICAL- BUILDINGS MATERIALS	Bitumen and Modified Bitumen	Tests on Residue from RTFO (Ductility at 25 °C)	IS 1208
17	MECHANICAL- BUILDINGS MATERIALS	Bitumen and Modified Bitumen	Tests on Residue from RTFO (Viscosity Ratio at 60 °C)	IS 1206 (Part 2)
18	MECHANICAL- BUILDINGS MATERIALS	Bitumen and Modified Bitumen	Viscosity (at 150°C)	ASTM D4402

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19	MECHANICAL- BUILDINGS MATERIALS	Bitumen Emulsion	Coagulation at Low Temperature	IS:8887 Annex- C
20	MECHANICAL- BUILDINGS MATERIALS	Bitumen Emulsion	Coating Ability	IS 8887 (Annex F)
21	MECHANICAL- BUILDINGS MATERIALS	Bitumen Emulsion	Distillation (Distillation in Percent Volume of Distillate)	IS 1213
22	MECHANICAL- BUILDINGS MATERIALS	Bitumen Emulsion	Miscibility with Water	IS 8887 (Annex H)
23	MECHANICAL- BUILDINGS MATERIALS	Bitumen Emulsion	Mixing Time	IS 17016 (Annex B)
24	MECHANICAL- BUILDINGS MATERIALS	Bitumen Emulsion	Particle Charge	IS 8887 (Annex E)
25	MECHANICAL- BUILDINGS MATERIALS	Bitumen Emulsion	Residue by Evaporation	IS 8887 (Annex J)
26	MECHANICAL- BUILDINGS MATERIALS	Bitumen Emulsion	Residue on 600µ IS Sieve	IS 8887 (Annex B)
27	MECHANICAL- BUILDINGS MATERIALS	Bitumen Emulsion	Stability to Mixing with Cement (% Coagulation)	IS 8887 (Annex G)
28	MECHANICAL- BUILDINGS MATERIALS	Bitumen Emulsion	Storage Stability	IS 8887 (Annex D)
29	MECHANICAL- BUILDINGS MATERIALS	Bitumen Emulsion	Test on Residue Softening Point	IS 1205
30	MECHANICAL- BUILDINGS MATERIALS	Bitumen Emulsion	Test on Residue Solubility in Trichloroethylene	IS 1216
31	MECHANICAL- BUILDINGS MATERIALS	Bitumen Emulsion	Test on Residue Ductility	IS 1208
32	MECHANICAL- BUILDINGS MATERIALS	Bitumen Emulsion	Test on Residue Penetration	IS 1203
33	MECHANICAL- BUILDINGS MATERIALS	Bitumen Emulsion	Viscosity by Saybolt Furol Viscometer (at 25 °C)	IS 3117 (Annex A)
34	MECHANICAL- BUILDINGS MATERIALS	Bitumen Emulsion	Viscosity by Saybolt Furol Viscometer (at 50 °C)	IS 3117 (Annex A)
35	MECHANICAL- BUILDINGS MATERIALS	Bitumen Emulsion	Water Content	IS 1211