National Accreditation Board for Testing and Calibration Laboratories

SCOPE OF ACCREDITATION

Laboratory Name : HINDUSTAN COLAS PRIVATE LIMITED, TESTING LABORATORY, PLOT A9,SIPCOT INDUSTRIAL PARK, IRUNGATTUKOTTAI, CHENNAI, KANCHIPURAM, TAMIL NADU, INDIA

Accreditation Standard ISO/IEC 17025:2017

Certificate Number TC-8119 **Page No** 1 of 3

Validity 04/03/2023 to 03/03/2025 **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	Absolute Viscosity @ 60°C	IS 1206 Part 2
2	MECHANICAL- BUILDINGS MATERIALS	Bitumen	Apparent Viscosity @ 135°C	IS 17335
3	MECHANICAL- BUILDINGS MATERIALS	Bitumen	Ductility Test	IS 1208
4	MECHANICAL- BUILDINGS MATERIALS	Bitumen	Flash Point & Fire Point	IS 1448(Part 69)
5	MECHANICAL- BUILDINGS MATERIALS	Bitumen	Kinematic Viscosity at 135°C	ASTM D 4402
6	MECHANICAL- BUILDINGS MATERIALS	Bitumen	Kinematic Viscosity at 135°C	IS 1206 Part 3
7	MECHANICAL- BUILDINGS MATERIALS	Bitumen	Penetration test	IS 1203
8	MECHANICAL- BUILDINGS MATERIALS	Bitumen	Softening Point test	IS 1205
9	MECHANICAL- BUILDINGS MATERIALS	Bitumen	Solubility in Trichloroethylene	IS 1216
10	MECHANICAL- BUILDINGS MATERIALS	Bitumen	Viscosity Ratio @ 60 Deg C	IS 1206 Part 2
11	MECHANICAL- BUILDINGS MATERIALS	Bitumen Emulsion	Coagulation at Low Temperature	IS 8887
12	MECHANICAL- BUILDINGS MATERIALS	Bitumen Emulsion	Coating Ability	IS 8887
13	MECHANICAL- BUILDINGS MATERIALS	Bitumen Emulsion	Distillation test	IS 1213
14	MECHANICAL- BUILDINGS MATERIALS	Bitumen Emulsion	Miscibility with water	IS 8887
15	MECHANICAL- BUILDINGS MATERIALS	Bitumen Emulsion	Particle Charge	IS 8887
16	MECHANICAL- BUILDINGS MATERIALS	Bitumen Emulsion	Residue by Evaporation	IS 8887
17	MECHANICAL- BUILDINGS MATERIALS	Bitumen Emulsion	Stability to mixing with cement	IS 8887
18	MECHANICAL- BUILDINGS MATERIALS	Bitumen Emulsion	Storage Stability after 24 hrs	IS 8887

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19	MECHANICAL- BUILDINGS MATERIALS	Bitumen Emulsion	Test on Residue Ductility	IS 1208
20	MECHANICAL- BUILDINGS MATERIALS	Bitumen Emulsion	Test on Residue Penetration	IS 1203
21	MECHANICAL- BUILDINGS MATERIALS	Bitumen Emulsion	Test on Residue Solubility in Trichloroethylene	IS 1216
22	MECHANICAL- BUILDINGS MATERIALS	Bitumen Emulsion	Viscosity by Say bolt Furol Viscometer @ 25 deg C	IS 3117
23	MECHANICAL- BUILDINGS MATERIALS	Bitumen Emulsion	Viscosity by Say bolt Furol Viscometer @ 50 deg C	IS 3117
24	MECHANICAL- BUILDINGS MATERIALS	Bitumen Emulsion	Residue on 600µ	IS 8887
25	MECHANICAL- BUILDINGS MATERIALS	Bitumen Emulsion	Water Content	IS 1211
26	MECHANICAL- BUILDINGS MATERIALS	Micro Surfacing (Bituminous Mix)	Mixing time	IRC SP 81
27	MECHANICAL- BUILDINGS MATERIALS	Micro Surfacing (Bituminous Mix)	Wet cohesion within 30 Min	IRC SP 81
28	MECHANICAL- BUILDINGS MATERIALS	Micro Surfacing (bituminous Mix)	Wet cohesion within 60 Min	IRC SP 81
29	MECHANICAL- BUILDINGS MATERIALS	Micro Surfacing (Bituminous Mix)	Wet stripping %	IRC SP 81
30	MECHANICAL- BUILDINGS MATERIALS	Micro Surfacing (Bituminous mix)	Wet track abrasion loss	IRC SP 81
31	MECHANICAL- BUILDINGS MATERIALS	Modified Bitumen	Penetration	IS 1203
32	MECHANICAL- BUILDINGS MATERIALS	Modified Bitumen	Separation, difference in Softening point	IS 15462 Annex C
33	MECHANICAL- BUILDINGS MATERIALS	Modified Bitumen	Softening Point	IS 1205
34	MECHANICAL- BUILDINGS MATERIALS	Modified Bitumen	Test on Residue (TFOT) Elastic Recovery at 25°C	IS 15462(Annexure A)
35	MECHANICAL- BUILDINGS MATERIALS	Modified Bitumen	Test on Residue (TFOT) Increase in Softening point	IS 1205
36	MECHANICAL- BUILDINGS MATERIALS	Modified Bitumen	Test on Residue (TFOT) Reduction in Penetration	IS 1203
37	MECHANICAL- BUILDINGS MATERIALS	Modified Bitumen	Test on Residue TFOT/RTFOT Loss in mass	IS 9382

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38	MECHANICAL- BUILDINGS MATERIALS	Modified Bitumen	Elastic Recovery at 15°C	IS 15462
39	MECHANICAL- BUILDINGS MATERIALS	Modified Bitumen	Viscosity at 150°C	IS 1206 Part 1
40	MECHANICAL- BUILDINGS MATERIALS	Modified Bitumen	Complex Modulus (G*) / Sinð - RTFO Residue	IS 15462
41	MECHANICAL- BUILDINGS MATERIALS	Modified Bitumen	Complex Modulus (G*)/ Sinð - Original Sample	IS 15462
42	MECHANICAL- BUILDINGS MATERIALS	Modified Bitumen	Complex Modulus(G*) X Sinð - PAV Residue	IS 15462 Annex F
43	MECHANICAL- BUILDINGS MATERIALS	Modified Bitumen	Flash Point	IS 1209
44	MECHANICAL- BUILDINGS MATERIALS	Modified Bitumen	Frass Breaking Point	IS 9381
45	MECHANICAL- BUILDINGS MATERIALS	Modified Bitumen	MSCR(Multi Stress Creep Recovery Test)_RTFO Residue	IS 15462 Annex D
46	MECHANICAL- BUILDINGS MATERIALS	Modified Bitumen	Phase Angle	IS 15462
47	MECHANICAL- BUILDINGS MATERIALS	Modified Bitumen	Viscosity at 150°C	ASTM D 4402