National Accreditation Board for Testing and Calibration Laboratories

SCOPE OF ACCREDITATION

Laboratory Name : LABORATORY OF HINDUSTAN COLAS PRIVATE LIMITED BAHADURGARH, VILLAGE ASOUDHA, BAHADURGARH, JHAJJAR, HARYANA, INDIA

Accreditation Standard ISO/IEC 17025:2017

Certificate Number TC-8012 **Page No** 1 of 2

Validity 14/04/2021 to 13/04/2023 **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	Bitumen Emulsion	Coagulation at low Temperature	IS - 8887
2	MECHANICAL- BUILDINGS MATERIALS	Bitumen Emulsion	Coating ability	IS:8887
3	MECHANICAL- BUILDINGS MATERIALS	Bitumen Emulsion	Distillation test	IS:1213
4	MECHANICAL- BUILDINGS MATERIALS	Bitumen Emulsion	Ductility test	IS:1208
5	MECHANICAL- BUILDINGS MATERIALS	Bitumen Emulsion	Miscibility with water	IS 8887
6	MECHANICAL- BUILDINGS MATERIALS	Bitumen Emulsion	Particle Charge	IS: 8887
7	MECHANICAL- BUILDINGS MATERIALS	Bitumen Emulsion	Residue by evaporation	IS :8887
8	MECHANICAL- BUILDINGS MATERIALS	Bitumen Emulsion	Residue on 600µ sieve	IS:8887
9	MECHANICAL- BUILDINGS MATERIALS	Bitumen Emulsion	Stability to mixing with cement	IS:8887
10	MECHANICAL- BUILDINGS MATERIALS	Bitumen Emulsion	Storage Stability	IS 8887
11	MECHANICAL- BUILDINGS MATERIALS	Bitumen Emulsion	Test on Residue Solubility in Trichloroethylene	IS:1216
12	MECHANICAL- BUILDINGS MATERIALS	Bitumen Emulsion	Test on Residue, Penetration	IS 1203
13	MECHANICAL- BUILDINGS MATERIALS	Bitumen Emulsion	Viscosity@25 °C by Say bolt Furol Viscometer	IS:3117
14	MECHANICAL- BUILDINGS MATERIALS	Bitumen Emulsion	Viscosity@50°C by Say bolt Furol Viscometer	IS:3117
15	MECHANICAL- BUILDINGS MATERIALS	Modified Bitumen	Elastic Recovery@15°C	IS:15462
16	MECHANICAL- BUILDINGS MATERIALS	Modified Bitumen	Flash Point	IS 1209
17	MECHANICAL- BUILDINGS MATERIALS	Modified Bitumen	Penetration Test	IS 1203
18	MECHANICAL- BUILDINGS MATERIALS	Modified Bitumen	Separation difference in softening point	IS:15462

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19	MECHANICAL- BUILDINGS MATERIALS	Modified Bitumen	Softening Point	IS 1205
20	MECHANICAL- BUILDINGS MATERIALS	Modified Bitumen	Test on Residue (TFOT) Loss in Mass	IS:9382
21	MECHANICAL- BUILDINGS MATERIALS	Modified Bitumen	Test on Residue (TFOT), Elastic Recovery@25°C	IS 15462
22	MECHANICAL- BUILDINGS MATERIALS	Modified Bitumen	Test on Residue (TFOT), Increase in softening point	IS 1205
23	MECHANICAL- BUILDINGS MATERIALS	Modified Bitumen	Test on Residue (TOFT), Reduction in Penetration	IS 1202
24	MECHANICAL- BUILDINGS MATERIALS	Modified Bitumen	Viscosity @ 150 °C	IS:1206
25	MECHANICAL- BUILDINGS MATERIALS	Paving Bitumen	Absolute Viscosity @ 60°C	IS:1206
26	MECHANICAL- BUILDINGS MATERIALS	Paving Bitumen	Flash Point	IS 1209
27	MECHANICAL- BUILDINGS MATERIALS	Paving Bitumen	Kinematic Viscosity @135 °C	IS:1206
28	MECHANICAL- BUILDINGS MATERIALS	Paving Bitumen	Penetration test	IS 1203
29	MECHANICAL- BUILDINGS MATERIALS	Paving Bitumen	Softening Point test	IS 1205
30	MECHANICAL- BUILDINGS MATERIALS	Paving Bitumen	Sulubility in trichloroethylene	IS 1216