National Accreditation Board for Testing and Calibration Laboratories

SCOPE OF ACCREDITATION

Laboratory Name : DUN TESTING & RESEARCH LABORATORIES, T-ESTATE, BHAGIRATHIPURAM, THDC COLONY, BANJARAWALA, DEHRADUN, UTTARAKHAND, INDIA

Accreditation Standard ISO/IEC 17025:2017

Certificate Number TC-11326 **Page No** 1 of 2

Validity 25/01/2023 to 24/01/2025 **Last Amended on** 14/02/2023

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	Flash point	IS: 1209
2	MECHANICAL- BUILDINGS MATERIALS	Bitumen	Ductility	IS: 1208
3	MECHANICAL- BUILDINGS MATERIALS	Bitumen	Fire Point	IS: 1209
4	MECHANICAL- BUILDINGS MATERIALS	Bitumen	Penetration test	IS: 1203
5	MECHANICAL- BUILDINGS MATERIALS	Bitumen	Softening Point	IS 1205
6	MECHANICAL- BUILDINGS MATERIALS	Bitumen Mix	Bitumen Content	ASTM D 2172
7	MECHANICAL- BUILDINGS MATERIALS	Bricks	Efflorescence	IS 3495 Part 1
8	MECHANICAL- BUILDINGS MATERIALS	Bricks	Compressive strength	IS 3495 : Part 1
9	MECHANICAL- BUILDINGS MATERIALS	Bricks	Dimension (H)	IS 1077
10	MECHANICAL- BUILDINGS MATERIALS	Bricks	Dimension (Length)	IS 1077
11	MECHANICAL- BUILDINGS MATERIALS	Bricks	Dimension (W)	IS 1077
12	MECHANICAL- BUILDINGS MATERIALS	Bricks	Water Absorption	IS 3495 : Part 2
13	MECHANICAL- BUILDINGS MATERIALS	Cement	Compressive Strength	IS:4031 (P-6)
14	MECHANICAL- BUILDINGS MATERIALS	Cement	final setting time	IS 4031 (Part 5)
15	MECHANICAL- BUILDINGS MATERIALS	Cement	Initial setting time	IS 4031 (Part 5)
16	MECHANICAL- BUILDINGS MATERIALS	Cement (opc/ppc)	Consistency	IS 4031 (part 4)
17	MECHANICAL- BUILDINGS MATERIALS	Coarse Aggregate	Abrasion Value	IS:2386(part 4)
18	MECHANICAL- BUILDINGS MATERIALS	Coarse aggregate	Crushing Value	IS: 2386 Part (4)

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19	MECHANICAL- BUILDINGS MATERIALS	Coarse Aggregate	Elongation index	IS:2386 Part (1)
20	MECHANICAL- BUILDINGS MATERIALS	Coarse aggregate	Flakiness index	IS:2386 Part (1)
21	MECHANICAL- BUILDINGS MATERIALS	Coarse aggregate	Impact Value	IS2386: Part (4)
22	MECHANICAL- BUILDINGS MATERIALS	Coarse Aggregate	Moisture Content	IS: 2386 Part (3)
23	MECHANICAL- BUILDINGS MATERIALS	Coarse Aggregate	Sieve Analysis (4.75 mm to 80 mm)	IS:2386 Part (1)
24	MECHANICAL- BUILDINGS MATERIALS	Coarse aggregate	Specific Gravity	IS: 2386 Part (3)
25	MECHANICAL- BUILDINGS MATERIALS	Concrete	Compressive Strength	IS 516
26	MECHANICAL- BUILDINGS MATERIALS	Fine aggregate	Bulk Density	IS: 2386 Part (3)
27	MECHANICAL- BUILDINGS MATERIALS	Fine aggregate	Sieve Analysis	IS:2386 Part (1)
28	MECHANICAL- BUILDINGS MATERIALS	Fine aggregate	Soundness by Sodium sulphate	IS: 2386 Part (5)
29	MECHANICAL- BUILDINGS MATERIALS	Fine aggregate	Specific Gravity	IS:2386(part 3)
30	MECHANICAL- BUILDINGS MATERIALS	Paver Blocks	Compressive strength	IS 15658
31	MECHANICAL- BUILDINGS MATERIALS	Paver Blocks	Water Absorption	IS 15658
32	MECHANICAL- SOIL AND ROCK	Soil	CBR	IS 2720 (PART 16)
33	MECHANICAL- SOIL AND ROCK	Soil	Light Compaction (MDD)	IS 2720 (PART 7)
34	MECHANICAL- SOIL AND ROCK	Soil	Light Compaction (OMC)	IS 2720 (PART 7)
35	MECHANICAL- SOIL AND ROCK	Soil	Liquid Limit	IS :2720 Part (1)