National Accreditation Board for Testing and Calibration Laboratories

SCOPE OF ACCREDITATION

Laboratory Name : HIMACHAL TEST HOUSE, SHOP NO. 03 & 06, DUTTA BUIDLING, SHIMLA, HIMACHAL PRADESH, INDIA

Accreditation Standard ISO/IEC 17025:2017

Certificate Number TC-9446 **Page No** 1 of 4

Validity 20/04/2021 to 19/04/2023 **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	Ductility	IS: 1208
2	MECHANICAL- BUILDINGS MATERIALS	Bitumen	Flash & Fire Point	IS: 1209
3	MECHANICAL- BUILDINGS MATERIALS	Bitumen	Kinematic Viscosity at 135°C	IS: 1206 (Part-3)
4	MECHANICAL- BUILDINGS MATERIALS	Bitumen	Penetration	IS: 1203
5	MECHANICAL- BUILDINGS MATERIALS	Bitumen	Softening Point	IS: 1205
6	MECHANICAL- BUILDINGS MATERIALS	Bitumen Mix	Binder Content	IRC SP-11
7	MECHANICAL- BUILDINGS MATERIALS	Bitumen Mix	Density	ASTM D2726
8	MECHANICAL- BUILDINGS MATERIALS	Bitumen Mix	Marshal Stability Flow	ASTM D6927
9	MECHANICAL- BUILDINGS MATERIALS	Bitumen Mix	Marshall Stability Load	ASTM D6927
10	MECHANICAL- BUILDINGS MATERIALS	Bricks	Compressive Strength	IS: 3495 (Part-1)
11	MECHANICAL- BUILDINGS MATERIALS	Bricks	Dimensions (Height)	IS: 1077
12	MECHANICAL- BUILDINGS MATERIALS	Bricks	Dimensions (Length)	IS: 1077
13	MECHANICAL- BUILDINGS MATERIALS	Bricks	Dimesions (Width)	IS: 1077
14	MECHANICAL- BUILDINGS MATERIALS	Bricks	Water Absorption	IS: 3495 (Part-2)
15	MECHANICAL- BUILDINGS MATERIALS	Cement Concrete Tiles/Block	Dimension (Thickness)	IS: 1237
16	MECHANICAL- BUILDINGS MATERIALS	Cement Concrete Tiles/Block	Dimension (Width)	IS: 1237
17	MECHANICAL- BUILDINGS MATERIALS	Cement Concrete Tiles/Block	Dimesnion (Length)	IS: 1237
18	MECHANICAL- BUILDINGS MATERIALS	Cement Concrete Tiles/Block	Thickness of wearing layer	IS: 1237

SCOPE OF ACCREDITATION

Laboratory Name : HIMACHAL TEST HOUSE, SHOP NO. 03 & 06, DUTTA BUIDLING, SHIMLA, HIMACHAL PRADESH, INDIA

Accreditation Standard ISO/IEC 17025:2017

Certificate Number TC-9446 **Page No** 2 of 4

Validity 20/04/2021 to 19/04/2023 **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
19	MECHANICAL- BUILDINGS MATERIALS	Cement Concrete Tiles/Block	Water Absorption	IS: 1237
20	MECHANICAL- BUILDINGS MATERIALS	Cement Concrete Tiles/Block	Wet Transverse Strength	IS: 1237
21	MECHANICAL- BUILDINGS MATERIALS	Coarse Aggregate	10 % Fine Value	IS: 2386 (Part-4)
22	MECHANICAL- BUILDINGS MATERIALS	Coarse Aggregate	Bulk Density	IS: 2386 (Part-3)
23	MECHANICAL- BUILDINGS MATERIALS	Coarse Aggregate	Crushing Value	IS: 2386 (Part-4)
24	MECHANICAL- BUILDINGS MATERIALS	Coarse Aggregate	Elongation Index	IS: 2386 (Part-1)
25	MECHANICAL- BUILDINGS MATERIALS	Coarse Aggregate	Flakiness Index	IS: 2386 (Part-1)
26	MECHANICAL- BUILDINGS MATERIALS	Coarse Aggregate	Impact Value	IS: 2386 (Part-4)
27	MECHANICAL- BUILDINGS MATERIALS	Coarse Aggregate	Sieve Analysis (IS Sieves: 125mm, 90mm, 80mm, 75mm, 63mm, 53mm, 50mm, 45mm, 40mm, 37.5mm, 31.5mm, 25mm, 22.4mm, 20mm, 19mm, 16mm, 13.2mm, 12.5mm, 11.2mm, 10mm, 9.5mm, 6.3mm, 5.6mm, 4.75mm)	IS: 2386 (Part-1)
28	MECHANICAL- BUILDINGS MATERIALS	Coarse Aggregate	Specific Gravity	IS: 2386 (Part-3)
29	MECHANICAL- BUILDINGS MATERIALS	Coarse Aggregate	Water Absorption	IS: 2386 (Part-3)
30	MECHANICAL- BUILDINGS MATERIALS	Concrete Core	Compressive Strength	IS 516
31	MECHANICAL- BUILDINGS MATERIALS	Fine Aggregate	Bulk Density	IS: 2386 (Part-3)
32	MECHANICAL- BUILDINGS MATERIALS	Fine Aggregate	Sieve Analysis 75mm, 63mm, 53mm, 50mm, 45mm, 40mm, 37.5mm, 31.5mm, 25mm, 22.4mm, 20mm, 19mm, 16mm, 13.2mm, 12.5mm, 11.2mm, 10mm, 9.5mm, 6.3mm, 5.6mm, 4.75mm)	IS: 2386 (Part-1)

National Accreditation Board for Testing and Calibration Laboratories

SCOPE OF ACCREDITATION

Laboratory Name : HIMACHAL TEST HOUSE, SHOP NO. 03 & 06, DUTTA BUIDLING, SHIMLA, HIMACHAL PRADESH, INDIA

Accreditation Standard ISO/IEC 17025:2017

Certificate Number TC-9446 **Page No** 3 of 4

Validity 20/04/2021 to 19/04/2023 **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
33	MECHANICAL- BUILDINGS MATERIALS	Fine Aggregate	Specific Gravity	IS: 2386 (Part-3)
34	MECHANICAL- BUILDINGS MATERIALS	Fine Aggregate	Water Absorption	IS: 2386 (Part-3)
35	MECHANICAL- BUILDINGS MATERIALS	Hardened Concrete	Compressive Strength of Cube	IS: 516
36	MECHANICAL- BUILDINGS MATERIALS	Precast Concrete Block for Paving	Compressive Strength	IS: 15658
37	MECHANICAL- BUILDINGS MATERIALS	Precast Concrete Block for Paving	Dimension (Height)	IS: 15658
38	MECHANICAL- BUILDINGS MATERIALS	Precast Concrete Block for Paving	Dimension (Length)	IS: 15658
39	MECHANICAL- BUILDINGS MATERIALS	Precast Concrete Block for Paving	Dimension (Width)	IS: 15658
40	MECHANICAL- BUILDINGS MATERIALS	Precast Concrete Block for Paving	Visual Inspection	IS: 15658
41	MECHANICAL- BUILDINGS MATERIALS	Precast Concrete Block for Paving	Water Absorption	IS: 15658
42	MECHANICAL- SOIL AND ROCK	GSB/WMM	California Bearing Ratio (CBR)	IS : 2720 (Part-16)
43	MECHANICAL- SOIL AND ROCK	GSB/WMM	Gradation (0.075 mm to 125mm)	IS 2386 (Part-1)
44	MECHANICAL- SOIL AND ROCK	GSB/WMM	Impact Value Test	IS: 2386 (Part-4)
45	MECHANICAL- SOIL AND ROCK	GSB/WMM	Liquid Limit	IS: 2720 (Part-5)
46	MECHANICAL- SOIL AND ROCK	GSB/WMM	MDD by Heavy Compaction	IS: 2720 (Part-8)
47	MECHANICAL- SOIL AND ROCK	GSB/WMM	MDD by Standard Proctor Test	IS : 2720 (Part-7)
48	MECHANICAL- SOIL AND ROCK	GSB/WMM	OMC by Heavy Compaction	IS: 2720 (Part-8)
49	MECHANICAL- SOIL AND ROCK	GSB/WMM	OMC by Standard Proctor Test	IS: 2720 (Part-7)
50	MECHANICAL- SOIL AND ROCK	GSB/WMM	Plastic Limit	IS : 2720 (Part-5)
51	MECHANICAL- SOIL AND ROCK	Rock	Unconfined Compressive Strength	IS 9143

SCOPE OF ACCREDITATION

Laboratory Name : HIMACHAL TEST HOUSE, SHOP NO. 03 & 06, DUTTA BUIDLING, SHIMLA, HIMACHAL PRADESH, INDIA

Accreditation Standard ISO/IEC 17025:2017

Certificate Number TC-9446 **Page No** 4 of 4

Validity 20/04/2021 to 19/04/2023 **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
52	MECHANICAL- SOIL AND ROCK	Rock	Water Content/ Absorption	IS 13030
53	MECHANICAL- SOIL AND ROCK	Soil	Angle of Friction - Direct Shear Test	IS 2720 (Part-13)
54	MECHANICAL- SOIL AND ROCK	Soil	California Bearing Ratio (CBR)	IS: 2720 (Part-16)
55	MECHANICAL- SOIL AND ROCK	Soil	Cohesion - Direct Shear Test	IS 2720 (Part-13)
56	MECHANICAL- SOIL AND ROCK	Soil	Free Swelling Index	IS 2720 (Part-40)
57	MECHANICAL- SOIL AND ROCK	Soil	Liquid Limit	IS: 2720 (Part-5)
58	MECHANICAL- SOIL AND ROCK	Soil	MDD by Heavy Compaction	IS: 2720 (Part-8)
59	MECHANICAL- SOIL AND ROCK	Soil	MDD by standard Proctor Test	IS: 2720 (Part-7)
60	MECHANICAL- SOIL AND ROCK	Soil	Moisture Content	IS 2720 (Part-2) Section -1
61	MECHANICAL- SOIL AND ROCK	Soil	OMC by Heavy Compaction	IS: 2720 (Part-8)
62	MECHANICAL- SOIL AND ROCK	Soil	OMC by Standard Proctor Test	IS: 2720 (Part-7)
63	MECHANICAL- SOIL AND ROCK	Soil	Plastic Limit	IS: 2720 (Part-5)
64	MECHANICAL- SOIL AND ROCK	Soil	Sieve Analysis (Dry & Wet Method) (IS Sieves: 80mm, 20mm, 4.75mm, 2.0mm, 0.425mm, 0.075mm)	IS: 2720 (Part-4)
65	MECHANICAL- SOIL AND ROCK	Soil	Unconfined Compressive Strength	IS 2720 (Part-10)