National Accreditation Board for Testing and Calibration Laboratories

SCOPE OF ACCREDITATION

Laboratory Name : TRUBA TESTING LAB AND RESEARCH CENTRE, KAROND GANDHI NAGAR BYE PASS, BHOPAL, MADHYA PRADESH, INDIA

Accreditation Standard ISO/IEC 17025:2017

Certificate Number TC-8356 **Page No** 1 of 3

Validity 21/06/2022 to 20/06/2024 **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 at 25 C	IS 1208
2	MECHANICAL- BUILDINGS MATERIALS	Bitumen	Penetration Test	IS 1203
3	MECHANICAL- BUILDINGS MATERIALS	Bitumen	Softening Point	IS 1205
4	MECHANICAL- BUILDINGS MATERIALS	Brick	Compressive Strength	IS 3495 (PART 1)
5	MECHANICAL- BUILDINGS MATERIALS	Brick	Dimension	IS 1077
6	MECHANICAL- BUILDINGS MATERIALS	Brick	Efflorescence Test	IS 3495 (PART 3)
7	MECHANICAL- BUILDINGS MATERIALS	Brick	Water Absorption	IS 3495 (PART 2)
8	MECHANICAL- BUILDINGS MATERIALS	Cement (OPC/PPC) 43/53	Compressive Strength	IS 4031 (Part4)
9	MECHANICAL- BUILDINGS MATERIALS	Cement (OPC/PPC) 43/53	Consistency	IS 4031 (Part 4)
10	MECHANICAL- BUILDINGS MATERIALS	Cement (OPC/PPC) 43/53	Density	IS 4031 (Part11)
11	MECHANICAL- BUILDINGS MATERIALS	Cement (OPC/PPC) 43/53	Final Setting Time	IS 4031 (part5)
12	MECHANICAL- BUILDINGS MATERIALS	Cement (OPC/PPC) 43/53	Fineness test by Blains	IS 4031 (Part2)
13	MECHANICAL- BUILDINGS MATERIALS	Cement (OPC/PPC) 43/53	Initial Setting Time	IS 4031 (Part 5)
14	MECHANICAL- BUILDINGS MATERIALS	Cement (OPC/PPC) 43/53	Soundness Test By Le-Chatalier Apparatus	IS 4031 (Part3)
15	MECHANICAL- BUILDINGS MATERIALS	Cement Concrete	Compressive Strength	IS 516: 1959 (RA 2008)
16	MECHANICAL- BUILDINGS MATERIALS	Coarse Aggregate	10% fines Value	IS 2386 (Part4)
17	MECHANICAL- BUILDINGS MATERIALS	Coarse Aggregate	Abrasion Value	IS 2386 (Part4)
18	MECHANICAL- BUILDINGS MATERIALS	Coarse Aggregate	Bulk Density	IS 2386 (Part3)

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19	MECHANICAL- BUILDINGS MATERIALS	Coarse Aggregate	Crushing Value	IS 2386 (Part4)
20	MECHANICAL- BUILDINGS MATERIALS	Coarse Aggregate	Elongation Index	IS 2386 (Part1)
21	MECHANICAL- BUILDINGS MATERIALS	Coarse Aggregate	Flakiness Index	IS 2386 (Part1)
22	MECHANICAL- BUILDINGS MATERIALS	Coarse Aggregate	Impact Value	IS 2386 (Part4)
23	MECHANICAL- BUILDINGS MATERIALS	Coarse Aggregate	Specific Gravity	IS 2386 (Part3)
24	MECHANICAL- BUILDINGS MATERIALS	Coarse Aggregate	Water Absorption	IS 2386 (Part3)
25	MECHANICAL- BUILDINGS MATERIALS	Fine Aggregate	Bulk Density	IS 2386 (Part3)
26	MECHANICAL- BUILDINGS MATERIALS	Fine Aggregate	Bulking of Fine Aggregate	IS 2386 (Part3)
27	MECHANICAL- BUILDINGS MATERIALS	Fine Aggregate	Sieve Analysis (FM)	IS 2386 (Part3)
28	MECHANICAL- BUILDINGS MATERIALS	Fine Aggregate	Specific Gravity	IS 2386 (Part3)
29	MECHANICAL- BUILDINGS MATERIALS	Fine Aggregate	Water Absorption	IS 2386 (Part3)
30	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Steel bars	% of elongation	IS 1608
31	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Steel bars	Ultimate Tensile Strength	IS 1608
32	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Steel bars	Wt. Per Meter	IS 1608
33	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Steel bars	Yield Stress	IS 1608
34	MECHANICAL- SOIL AND ROCK	Soil	C.B.R.	IS 2720 (PART 16)
35	MECHANICAL- SOIL AND ROCK	Soil	Direct Shear Test C value	IS 2720 (PART 13) (Clause 5.1)

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36	MECHANICAL- SOIL AND ROCK	Soil	Direct Shear Test Phi value	IS 2720 (PART 13) (Clause 5.1)
37	MECHANICAL- SOIL AND ROCK	Soil	Free Swell Index	IS 2720 (PART 40)
38	MECHANICAL- SOIL AND ROCK	Soil	Grain Size Analysis(by sieving)	IS 2720 (PART 4)
39	MECHANICAL- SOIL AND ROCK	Soil	Heavy Compaction (MDD)	IS 2720 (PART 8)
40	MECHANICAL- SOIL AND ROCK	Soil	Heavy Compaction (OMC)	IS 2720 (PART 8)
41	MECHANICAL- SOIL AND ROCK	Soil	Light Compaction (MDD)	IS 2720 (PART 7)
42	MECHANICAL- SOIL AND ROCK	Soil	Light Compaction (OMC)	IS 2720 (PART 7)
43	MECHANICAL- SOIL AND ROCK	Soil	Liquid Limit	IS 2720 (PART 5)
44	MECHANICAL- SOIL AND ROCK	Soil	Moisture Content	IS 2720 (PART 2)
45	MECHANICAL- SOIL AND ROCK	Soil	permeability Test	IS 2720 (PART 17)
46	MECHANICAL- SOIL AND ROCK	Soil	Plastic Limit	IS 2720 (PART 5
47	MECHANICAL- SOIL AND ROCK	Soil	Shrinkage Limit	IS 2720 (PART 6)
48	MECHANICAL- SOIL AND ROCK	Soil	Specific Gravity	IS 2720 (PART 3)
49	MECHANICAL- SOIL AND ROCK	Soil	Swelling Pressure	IS 2720 (PART 41)
50	MECHANICAL- SOIL AND ROCK	Soil	Triaxial Shear Test (unconfined undersigned) C value0	IS 2720 (PART 11)
51	MECHANICAL- SOIL AND ROCK	Soil	Triaxial Shear Test (unconfined undrained) Phi value	IS 2720 (PART 11)
52	MECHANICAL- SOIL AND ROCK	Soil	Unconfined compressive Strength of Soil	IS 2720 (PART 10)