National Accreditation Board for Testing and Calibration Laboratories

SCOPE OF ACCREDITATION

Laboratory Name : EIE SCIENTIFIC INSTRUMENTS (CIVIL MATERIAL TESTING LABORATORY), 207, ABHISHEK ELDECO UDYAN 1, SHARDA NAGAR, LUCKNOW, UTTAR PRADESH, INDIA

Accreditation Standard ISO/IEC 17025:2017

Certificate Number TC-9234 **Page No** 1 of 3

Validity 25/01/2021 to 24/01/2023 **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 /Bituminuos Material	Bitumen Content	IS 13826 Part 7 / IRC SP11 (Appendix5C)
2	MECHANICAL- BUILDINGS MATERIALS	Bitumen /Bituminuos Material	Bitumen Specific Gravity	IS 1202
3	MECHANICAL- BUILDINGS MATERIALS	Bitumen /Bituminuos Material	Bitumen Absolute Viscosity	IS 1206(Part-2)
4	MECHANICAL- BUILDINGS MATERIALS	Bitumen /Bituminuos Material	Bitumen Flash / Fire Point	IS 1209
5	MECHANICAL- BUILDINGS MATERIALS	Bitumen /Bituminuos Material	Bitumen Kinematic Viscosity	IS 1206(Part-3)
6	MECHANICAL- BUILDINGS MATERIALS	Bitumen /Bituminuos Material	Bitumen Penetration	IS1203
7	MECHANICAL- BUILDINGS MATERIALS	Bitumen /Bituminuos Material	Bitumen Softening Point	IS 1205
8	MECHANICAL- BUILDINGS MATERIALS	Bitumen /Bituminuos Material	Bitumen Solubility in Tri-Chloroethylene	IS1216
9	MECHANICAL- BUILDINGS MATERIALS	Bitumen /Bituminuos Material	Bituminous Indirect Tensile Strength	ASTM D 6931
10	MECHANICAL- BUILDINGS MATERIALS	Bitumen /Bituminuos Material	Density	ASTM D1188
11	MECHANICAL- BUILDINGS MATERIALS	Bitumen /Bituminuos Material	Density	ASTMD2726
12	MECHANICAL- BUILDINGS MATERIALS	Bitumen /Bituminuos Material	Marshal Stability Test	ASTM D1559 AASTHO T245
13	MECHANICAL- BUILDINGS MATERIALS	Bricks	Compressive Strength	IS 3495(Part-2)
14	MECHANICAL- BUILDINGS MATERIALS	Bricks	Dimension Length	IS 1077
15	MECHANICAL- BUILDINGS MATERIALS	Bricks	Dimension Width	IS 1077
16	MECHANICAL- BUILDINGS MATERIALS	Bricks	Dimension Height	IS 1077
17	MECHANICAL- BUILDINGS MATERIALS	Bricks	Effloroscence	IS 3495(Part-3)
18	MECHANICAL- BUILDINGS MATERIALS	Bricks	Water Absorption	IS 3495(Part-1)

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19	MECHANICAL- BUILDINGS MATERIALS	Cement (OPC and PPC)	Density By Le-Chattelier Flask /Specific Gravity	IS 4031(Part-11)
20	MECHANICAL- BUILDINGS MATERIALS	Cement (OPC and PPC)	Fineness by Dry Sieving	IS 4031 (Part 1)
21	MECHANICAL- BUILDINGS MATERIALS	Cement (PPC and OPC)	Soundness by Le- Chattelier	IS 4031(Part-3)
22	MECHANICAL- BUILDINGS MATERIALS	Cement (PPC and OPC)	Standard Consistency	IS 4031(Part-4)
23	MECHANICAL- BUILDINGS MATERIALS	Coarse Aggregate	Bulk Density (Loose and Compacted)	IS 2386(Part-3)
24	MECHANICAL- BUILDINGS MATERIALS	Coarse Aggregate	Crushing Value	IS 2386 (Part-4)
25	MECHANICAL- BUILDINGS MATERIALS	Coarse Aggregate	Elongation Index	IS 2386(Part-1)
26	MECHANICAL- BUILDINGS MATERIALS	Coarse Aggregate	Flakiness	IS 2386(Part-1)
27	MECHANICAL- BUILDINGS MATERIALS	Coarse Aggregate	Impact value	IS 2386 (Part-4)
28	MECHANICAL- BUILDINGS MATERIALS	Coarse Aggregate	Sieve Analysis (4.75mm To 63mm)	IS 2386(Part-1)
29	MECHANICAL- BUILDINGS MATERIALS	Coarse Aggregate	Soundness	IS2386(Part-5)
30	MECHANICAL- BUILDINGS MATERIALS	Coarse Aggregate	Specific Gravity	IS 2386(Part-3)
31	MECHANICAL- BUILDINGS MATERIALS	Coarse Aggregate	Water Absorption	IS 2386(Part-3)
32	MECHANICAL- BUILDINGS MATERIALS	Fine Aggregate	Bulk Density (Loose and Compacted)	IS 2386(Part-3)
33	MECHANICAL- BUILDINGS MATERIALS	Fine Aggregate	Fineness Modulus	IS 2386 (Part-1)
34	MECHANICAL- BUILDINGS MATERIALS	Fine Aggregate	Sieve Analysis 150 micron to 10 mm	IS 2386(Part-1)
35	MECHANICAL- BUILDINGS MATERIALS	Fine Aggregate	Silt Content	IS 2386(Part-3) And CPWD
36	MECHANICAL- BUILDINGS MATERIALS	Fine Aggregate	Specific Gravity	IS2386(Part-3)
37	MECHANICAL- BUILDINGS MATERIALS	Fine Aggregate	Water Absorption	IS2386(Part-3)

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38	MECHANICAL- BUILDINGS MATERIALS	Hardened Concrete	Compressive Strength of Concrete Cubes	IS 516
39	MECHANICAL- BUILDINGS MATERIALS	Precast Concrete Block For Paving	Compressive Strength	IS 15658
40	MECHANICAL- BUILDINGS MATERIALS	Precast Concrete Block For Paving	Dimension Height	IS15658
41	MECHANICAL- BUILDINGS MATERIALS	Precast Concrete Block For Paving	Dimension Length	IS15658
42	MECHANICAL- BUILDINGS MATERIALS	Precast Concrete Block For Paving	Dimension Width	IS15658
43	MECHANICAL- BUILDINGS MATERIALS	Precast Concrete Block For Paving	Visual Inspection	IS 15658
44	MECHANICAL- BUILDINGS MATERIALS	Precast Concrete Block For Paving	Water Absorption	IS 15658
45	MECHANICAL- SOIL AND ROCK	Clay And Soil	Free Swelling Index	IS 2720 (Part-40)
46	MECHANICAL- SOIL AND ROCK	Clay And Soil	Grain Size Analysis 75 Micron To 20 mm	IS 2720 (Part-4)
47	MECHANICAL- SOIL AND ROCK	Clay and Soil	Heavy Compaction Test OMC	IS 2720 (Part-8)
48	MECHANICAL- SOIL AND ROCK	Clay and Soil	Heavy Compaction MDD	IS 2720 (Part-8)
49	MECHANICAL- SOIL AND ROCK	Clay and Soil	Light Compaction Test OMC	IS 2720(Part-7)
50	MECHANICAL- SOIL AND ROCK	Clay and Soil	Light Compaction Test MDD	IS 2720 (Part-7)
51	MECHANICAL- SOIL AND ROCK	Clay And Soil	Liquid Limit	IS 2720 (Part-5)
52	MECHANICAL- SOIL AND ROCK	Clay And Soil	Plastic Limit	IS 2720 (Part-5)
53	MECHANICAL- SOIL AND ROCK	Clays and Soils	California Bearing Ratio	IS 2720 (Part-16)
54	MECHANICAL- SOIL AND ROCK	Clays and Soils	Specific Gravity	IS 2720 (Part-3 Sec 1/2)