National Accreditation Board for Testing and Calibration Laboratories

SCOPE OF ACCREDITATION

Laboratory Name : SIR M.V. INSPECTION & TESTING SERVICES INDIA PVT. LTD., 3/5 CROSS ROAD, NETAJI NAGAR, LALPURAM ROAD, GUNTUR, ANDHRA PRADESH, INDIA

Accreditation Standard ISO/IEC 17025:2017

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Validity 02/09/2021 to 25/07/2023 **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	AAC BLOCKS	BLOCK DENSITY	IS 6441 (PART-1)
2	MECHANICAL- BUILDINGS MATERIALS	AAC BLOCKS	COMPRESSIVE STRENGTH	IS 6441(PART-5)
3	MECHANICAL- BUILDINGS MATERIALS	AAC BLOCKS	DIMENSIONS(HEIGHT)	IS 2185(PART-3)
4	MECHANICAL- BUILDINGS MATERIALS	AAC BLOCKS	DIMENSIONS(LENGTH)	IS 2185 (PART-3)
5	MECHANICAL- BUILDINGS MATERIALS	AAC BLOCKS	DIMENSIONS(THICKNESS)	IS 2185(PART-3)
6	MECHANICAL- BUILDINGS MATERIALS	BITUMEN AND BITUMEN EMULSION	PENETRATION	IS 1203
7	MECHANICAL- BUILDINGS MATERIALS	BITUMINOUS MIXES(DBM/BC/BM/SDBC)	BINDER CONTENT	ASTM D2172
8	MECHANICAL- BUILDINGS MATERIALS	BITUMINUOS MIXES(DBM/BC/BM/SDBC)	SIEVE ANALYSIS 10 mm to 150 µm	IS 2386 (PART-1)
9	MECHANICAL- BUILDINGS MATERIALS	Burnt Clay Bricks	Compressive Strength	IS 3495 (PART 1)
10	MECHANICAL- BUILDINGS MATERIALS	Burnt Clay Bricks	Dimensions (Width)	IS 1077
11	MECHANICAL- BUILDINGS MATERIALS	Burnt clay Bricks	Dimensions(Length)	IS 1077
12	MECHANICAL- BUILDINGS MATERIALS	Burnt Clay Bricks	Dimensions(Height)	IS 1077
13	MECHANICAL- BUILDINGS MATERIALS	Burnt Clay bricks	Efflorescence	IS 3495 (PART 3)
14	MECHANICAL- BUILDINGS MATERIALS	Burnt Clay bricks	Water Absorption	IS 3495 (PART 2)
15	MECHANICAL- BUILDINGS MATERIALS	Cement (OPC/PPC)	Compresive Strength	IS 4031 (PART 6)
16	MECHANICAL- BUILDINGS MATERIALS	Cement (OPC/PPC)	Consistancy	IS 4031 (PART 4)
17	MECHANICAL- BUILDINGS MATERIALS	Cement (OPC/PPC)	Density	IS 4031 (PART 11)
18	MECHANICAL- BUILDINGS MATERIALS	Cement (OPC/PPC)	Final setting time	IS 4031 (PART 5)

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19	MECHANICAL- BUILDINGS MATERIALS	Cement (OPC/PPC)	Fineness By Blain's Air permeability method	IS 4031(part-2)
20	MECHANICAL- BUILDINGS MATERIALS	Cement (OPC/PPC)	Fineness by Dry sieve method	IS 4031 (PART 1)
21	MECHANICAL- BUILDINGS MATERIALS	Cement (OPC/PPC)	Initial setting time	IS 4031 (PART 5)
22	MECHANICAL- BUILDINGS MATERIALS	Cement (OPC/PPC)	Soundness by Le chatelier Expansion method	IS 4031 (PART 3)
23	MECHANICAL- BUILDINGS MATERIALS	Coarse Aggregate	Bulk Density (Loose)	IS 2386(Part III)
24	MECHANICAL- BUILDINGS MATERIALS	Coarse Aggregate	Bulk Density (Rodded)	IS 2386 (PART 3)
25	MECHANICAL- BUILDINGS MATERIALS	Coarse Aggregate	Crushing Value	IS 2386 (PART 4)
26	MECHANICAL- BUILDINGS MATERIALS	Coarse Aggregate	Elongation Index	IS 2386 (PART 1)
27	MECHANICAL- BUILDINGS MATERIALS	Coarse Aggregate	Flakiness Index	IS 2386 (PART 1)
28	MECHANICAL- BUILDINGS MATERIALS	Coarse Aggregate	Impact Value	IS 2386 (PART 4)
29	MECHANICAL- BUILDINGS MATERIALS	Coarse Aggregate	Sieve Analysis 80 mm to 2.36 mm	IS 2386 (PART 1)
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	Concrete cores	Compressive strength	IS 516 (PART-4)
33	MECHANICAL- BUILDINGS MATERIALS	Concrete Cubes	Compressive Strength	IS 516
34	MECHANICAL- BUILDINGS MATERIALS	Fine Aggregate	Bulk Density (Loose)	IS 2386 (PART 3)
35	MECHANICAL- BUILDINGS MATERIALS	Fine Aggregate	Bulk Density (Rodded)	IS 2386 (PART 3)
36	MECHANICAL- BUILDINGS MATERIALS	Fine Aggregate	Material finer than 75 micron	IS 2386 (Part-1)
37	MECHANICAL- BUILDINGS MATERIALS	Fine Aggregate	Sieve Analysis 10 mm to 150 µm	IS 2386 (PART 1)

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38	MECHANICAL- BUILDINGS MATERIALS	Fine Aggregate	Specific Gravity	IS 2386 (PART 3)
39	MECHANICAL- BUILDINGS MATERIALS	Fine Aggregate	Water Absorption	IS 2386 (Part-3)
40	MECHANICAL- BUILDINGS MATERIALS	HOLLOW AND SOILD CONCRETE BLOCKS / LIGHT WEIGHT CONCRETE BLOCKS	COMPRESSIVE STRENGTH	IS 2185(PART-1) ANEX-D
41	MECHANICAL- BUILDINGS MATERIALS	HOLLOW AND SOILD CONCRETE BLOCKS / LIGTH WEIGHT CONCRETE BLOCKS	DIMENSIONS (LENGTH)	IS 2185(PART-1) ANNEX-B
42	MECHANICAL- BUILDINGS MATERIALS	HOLLOW AND SOILD CONCRETE BLOCKS/ LIGHT WEIGHT CONCRETE BLOCKS	DIMENSIONS(WIDTH)	IS 2185 (PART-1) ANEEX-B
43	MECHANICAL- BUILDINGS MATERIALS	HOLLOW AND SOILD CONCRETE BLOCKS/ LIGTH WEIGHT CONCRETE BLOCKS	WATER ABSORPTION	IS 2185 (PART-1) ANNEX-E
44	MECHANICAL- BUILDINGS MATERIALS	HOLLOW AND SOLID CONCRETE BLOCKS / LIGHT WEIGTH CONCRETE BLOCKS	DIMENSIONS(HEIGHT)	IS 2185(PART-1) ANEEX-B
45	MECHANICAL- BUILDINGS MATERIALS	Pre-casted paver blocks	Compressive strength	IS 15658
46	MECHANICAL- BUILDINGS MATERIALS	Pre-casted paver blocks	Water Absorption	IS 15658 (Annexure C)
47	MECHANICAL- SOIL AND ROCK	SOIL	CBR	IS 2720 (PART-16)
48	MECHANICAL- SOIL AND ROCK	SOIL	DIRECT SHEAR(C) VALUE	IS 2720 (PART-13)
49	MECHANICAL- SOIL AND ROCK	SOIL	DIRECT SHEAR(Ø) VALUE	IS 2720 (PART-13)
50	MECHANICAL- SOIL AND ROCK	SOIL	FREE SWELL INDEX	IS 2720(PART-40)
51	MECHANICAL- SOIL AND ROCK	SOIL	GRAIN SIZE ANALYSIS 10 mm to 75 µm	IS 2720 (PART-4)
52	MECHANICAL- SOIL AND ROCK	SOIL	HEAVY COMPACTION(MDD)	IS 2720 (PART-8)
53	MECHANICAL- SOIL AND ROCK	SOIL	HEAVY COMPACTION(OMC)	IS 2720 (PART-8)
54	MECHANICAL- SOIL AND ROCK	SOIL	LIGHT COMPACTION (OMC)	IS 2720 (PART-7)
55	MECHANICAL- SOIL AND ROCK	SOIL	LIGHT COMPACTION(MDD)	IS 2720 (PART-7)
56	MECHANICAL- SOIL AND ROCK	SOIL	LIQUID LIMIT	IS 2720 (PART-5)

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57	MECHANICAL- SOIL AND ROCK	SOIL	PLATIC LIMIT	IS 2720 (PART-5)
58	MECHANICAL- SOIL AND ROCK	SOIL	SPECIFIC GRAVITY	IS 2720 (PART-3/sec1)
59	MECHANICAL- SOIL AND ROCK	SOIL	TRIAXIAL SHEAR(C) VALUE	IS 2720 (PART-12)
60	MECHANICAL- SOIL AND ROCK	SOIL	TRIAXIL SHEAR(Ø) VALUE	IS 2720 (PART-12)
61	MECHANICAL- SOIL AND ROCK	SOIL	WATER CONTENT	IS 2720 (PART-2)