National Accreditation Board for Testing and Calibration Laboratories

SCOPE OF ACCREDITATION

Laboratory Name : S V M T L Q A AND C E CONSULTANCY, SRI VENKATESWARA NILAYAM, PLOT NO. 16, YENDADA, VISAKHAPATNAM, ANDHRA PRADESH, INDIA

Accreditation Standard ISO/IEC 17025:2017

Certificate Number TC-11347 **Page No** 1 of 3

Validity 31/01/2023 to 30/01/2025 **Last Amended on** 16/02/2023

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	Penetration	IS 1203
2	MECHANICAL- BUILDINGS MATERIALS	Bitumen	Softening Point	IS 1205
3	MECHANICAL- BUILDINGS MATERIALS	Bitumen Mix	Binder Content	IRC SP 11 as per Table C-38, IRC SP 112
4	MECHANICAL- BUILDINGS MATERIALS	Bitumen Mix	Marshal Stability	ASTM D6927
5	MECHANICAL- BUILDINGS MATERIALS	Bricks	Compressive Strength	IS 3495 (Part 1)
6	MECHANICAL- BUILDINGS MATERIALS	Bricks	Dimension - Height	IS 1077
7	MECHANICAL- BUILDINGS MATERIALS	Bricks	Dimension - Length	IS 1077
8	MECHANICAL- BUILDINGS MATERIALS	Bricks	Dimension - Width	IS 1077
9	MECHANICAL- BUILDINGS MATERIALS	Bricks	Water Absorption	IS 3495 (Part 2)
10	MECHANICAL- BUILDINGS MATERIALS	Cement (OPC/PPC)	Fineness by Dry Sieve Method	IS 4031 (Part 1)
11	MECHANICAL- BUILDINGS MATERIALS	Coarse Aggregate	Bulk Density (Loose)	IS 2386 (Part 3)
12	MECHANICAL- BUILDINGS MATERIALS	Coarse Aggregate	Bulk Density (Rodded)	IS 2386 (Part 3)
13	MECHANICAL- BUILDINGS MATERIALS	Coarse Aggregate	Elongation Index	IS 2386 (Part 1)
14	MECHANICAL- BUILDINGS MATERIALS	Coarse Aggregate	Flakiness Index	IS 2386 (Part 1)
15	MECHANICAL- BUILDINGS MATERIALS	Coarse Aggregate	Impact Value	IS 2386 (Part 4)
16	MECHANICAL- BUILDINGS MATERIALS	Coarse Aggregate	Sieve Analysis (4.75 mm to 80 mm)	IS 2386 (Part 1)
17	MECHANICAL- BUILDINGS MATERIALS	Coarse Aggregate	Specific Gravity	IS 2386 (Part 3)
18	MECHANICAL- BUILDINGS MATERIALS	Coarse Aggregate	Water Absorption	IS 2386 (Part 3)

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19	MECHANICAL- BUILDINGS MATERIALS	Fine Aggregate	Bulk Density (Loose)	IS 2386 (Part 3)
20	MECHANICAL- BUILDINGS MATERIALS	Fine Aggregate	Bulk Density (Rodded)	IS 2386 (Part 3)
21	MECHANICAL- BUILDINGS MATERIALS	Fine Aggregate	Material Finer than 75 micron	IS 2386 (Part 1)
22	MECHANICAL- BUILDINGS MATERIALS	Fine Aggregate	Sieve Analysis (0.150 mm to 10 mm)	IS 2386 (Part 1)
23	MECHANICAL- BUILDINGS MATERIALS	Fine Aggregate	Specific Gravity	IS 2386 (Part 3)
24	MECHANICAL- BUILDINGS MATERIALS	Fine Aggregate	Water Absorption	IS 2386 (Part 3)
25	MECHANICAL- BUILDINGS MATERIALS	Granular Sub-base	Sieve Analysis (Sieve Size: 53 mm to 75 microns)	IS 2386 (Part 1)
26	MECHANICAL- BUILDINGS MATERIALS	Hardened Concrete	Compressive Strength (CC Core)	IS 516 (Part 4)
27	MECHANICAL- BUILDINGS MATERIALS	Hardened Concrete	Compressive Strength (CC Cube)	IS 516 (Part 1, Section 1)
28	MECHANICAL- BUILDINGS MATERIALS	Steel	Mass per meter	IS 1786
29	MECHANICAL- BUILDINGS MATERIALS	Wet Mix Macadam	Sieve Analysis (Sieve Size: 53 mm to 75 microns)	IS 2386 (Part 1)
30	MECHANICAL- SOIL AND ROCK	Granular Sub-base	Heavy Compaction (MDD)	IS 2720 (Part 8)
31	MECHANICAL- SOIL AND ROCK	Granular Sub-base	Heavy Compaction (OMC)	IS 2720 (Part 8)
32	MECHANICAL- SOIL AND ROCK	Granular Sub-base	Liquid Limit	IS 2720 (Part 5)
33	MECHANICAL- SOIL AND ROCK	Granular Sub-base	Plastic Limit	IS 2720 (Part 5)
34	MECHANICAL- SOIL AND ROCK	Soil	CBR	IS 2720 (Part 16)
35	MECHANICAL- SOIL AND ROCK	Soil	Free Swell Index	IS 2720 (Part 40)
36	MECHANICAL- SOIL AND ROCK	Soil	Grain Size Analysis (Sieve Size: 0.075 mm to 10.0 mm)	IS 2720 (Part 4)
37	MECHANICAL- SOIL AND ROCK	Soil	Heavy Compaction (OMC)	IS 2720 (Part 8)

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38	MECHANICAL- SOIL AND ROCK	Soil	Heavy Compaction (MDD)	IS 2720 (Part 8)
39	MECHANICAL- SOIL AND ROCK	Soil	Light Compaction (MDD)	IS 2720 (Part 7)
40	MECHANICAL- SOIL AND ROCK	Soil	Light Compaction (OMC)	IS 2720 (Part 7)
41	MECHANICAL- SOIL AND ROCK	Soil	Liquid Limit	IS 2720 (Part 5)
42	MECHANICAL- SOIL AND ROCK	Soil	Plastic Limit	IS 2720 (Part 5)
43	MECHANICAL- SOIL AND ROCK	Wet Mix Macadam	Liquid Limit	IS 2720 (Part 5)
44	MECHANICAL- SOIL AND ROCK	Wet Mix Macadam	Heavy Compaction (MDD)	IS 2720 (Part 8)
45	MECHANICAL- SOIL AND ROCK	Wet Mix Macadam	Heavy Compaction (OMC)	IS 2720 (Part 8)
46	MECHANICAL- SOIL AND ROCK	Wet Mix Macadam	Plastic Limit	IS 2720 (Part 5)