



National Accreditation Board for Testing and Calibration Laboratories

(A Constituent Board of Quality Council of India)



SCOPE OF ACCREDITATION

Laboratory Name SUVIDHI TESTING ENGINEERS, SCO-1, SECTOR-14, GURGAON, HARYANA, INDIA
Accreditation Standard ISO/IEC 17025:2005
Certificate Number TC-8098 Page No. : 1 / 3
Validity 19/11/2018 to 18/11/2020 Last Amended on -

S.No	Discipline / Group	Product / Material of Test	Specific Test Performed	Test Method Specification against which tests are performed	Range of Testing/ Limits of Detection
Permanent Facility					
1	MECHANICAL-BUILDINGS MATERIALS	Bitumen	Penetration	IS 1203: 2009	20 mm to 100 mm
2	MECHANICAL-BUILDINGS MATERIALS	Bitumen	Specific Gravity	IS 1202: 2009	0.7 to 1.20
3	MECHANICAL-BUILDINGS MATERIALS	Bricks	Efflorescence	IS 3495 (Part-3): 2016	Qualitative
4	MECHANICAL-BUILDINGS MATERIALS	Bricks	Water Absorption	IS 3495 (Part-2): 1993	1 % to 40 %
5	MECHANICAL-BUILDINGS MATERIALS	Bricks (Burnt Clay / Modular / Non Modular / Sewer/Fly Ash Bricks / Fly Ash Lime Bricks)	Compressive Strength	IS 3495 (Part-1): 2016	3.0 N/mm ² to 35 N/mm ²
6	MECHANICAL-BUILDINGS MATERIALS	Coarse Aggregates	Crushing Value	IS 2386 (Part 4): 1963 (Amd.3) RA: 2016	5 % to 50 %
7	MECHANICAL-BUILDINGS MATERIALS	Coarse Aggregates	Elongation Index	IS 2386 (Part-1): 1963 (Amd.4) RA: 2016	1 % to 50 %
8	MECHANICAL-BUILDINGS MATERIALS	Coarse Aggregates	Flakiness Index	IS 2386 (Part-1): 1963 RA: 2017	5 % to 60 %
9	MECHANICAL-BUILDINGS MATERIALS	Coarse Aggregates	Impact Value	IS 2386 (Part-4): 1963 RA: 2016	5 % to 50 %



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10	MECHANICAL-BUILDINGS MATERIALS	Coarse Aggregates	Sieve Analysis	IS 2386 (Part 1): 1963 RA: 2016	2.36 mm to 63 mm
11	MECHANICAL-BUILDINGS MATERIALS	Coarse Aggregates	Specific Gravity	IS 2386 (Part-3): 1963 RA: 2016	1.5 to 3.5
12	MECHANICAL-BUILDINGS MATERIALS	Coarse Aggregates	Water Absorption	IS 2386 (Part-3): 1963 RA: 2016	0.1 % to 10 %
13	MECHANICAL-BUILDINGS MATERIALS	Concrete	Compressive Strength	IS 516: 2013	5 N/mm ² to 90 N/mm ²
14	MECHANICAL-BUILDINGS MATERIALS	Fine Aggregates	Crushing Value	IS 2386 (Part-4): 1963 RA : 2016	5 % to 50 %
15	MECHANICAL-BUILDINGS MATERIALS	Fine Aggregates	Fineness Modulus	IS 2386 (Part-1): 2016	2 kN to 8 kN
16	MECHANICAL-BUILDINGS MATERIALS	Fine Aggregates	Impact value	IS 2386 (Part-4): 2016	5 % to 50 %
17	MECHANICAL-BUILDINGS MATERIALS	Fine Aggregates	Sieve Analysis	IS 2386 (Part-1): 1963 RA: 2016	150 µm to 4.75 mm
18	MECHANICAL-BUILDINGS MATERIALS	Fine Aggregates	Specific Gravity	IS 2386 (Part-3): 1963 RA: 2016	1.5 to 3.5
19	MECHANICAL-BUILDINGS MATERIALS	Fine Aggregates	Water Absorption	IS 2386 (Part-3): 2016	0.1 % to 10 %



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20	MECHANICAL- SOIL AND ROCK	Soil	CBR	IS 2720 (Part-16):1987 RA: 2011	0.05 % to 70 %
21	MECHANICAL- SOIL AND ROCK	Soil	Grain Size Analysis	IS 2720 (Part-4): 2015	Qualitative
22	MECHANICAL- SOIL AND ROCK	Soil	Light Compaction (MDD)	IS 2720 (Part-7):1980 RA: 2011	1.5 g/cc to 2.75 g/cc
23	MECHANICAL- SOIL AND ROCK	Soil	Light Compaction (OMC)	IS 2720 (Part-8):1983 RA: 2015	1 % to 25 %
24	MECHANICAL- SOIL AND ROCK	Soil	Liquid limit	IS 2720 (Part-5):1985 RA: 2015	10 % to 80 %
25	MECHANICAL- SOIL AND ROCK	Soil	Moisture Content	IS 2720 (Part-2): 1973 RA: 2015	1 % to 30 %
26	MECHANICAL- SOIL AND ROCK	Soil	Plastic Limit	IS 2720 (Part-5):1985 RA: 2015	5 % to 30 %
27	MECHANICAL- SOIL AND ROCK	Soil	Proctor Compaction test Heavy (MDD)	IS 2720 (Part-7): 2015	1 g/cc to 3 g/cc
28	MECHANICAL- SOIL AND ROCK	Soil	Proctor Compaction test Heavy (OMC)	IS 2720 (Part-8): 2015	5 % to 30 %
29	MECHANICAL- SOIL AND ROCK	Soil	Specific Gravity	IS 2720 (Part-3): 2011	1 to 3