National Accreditation Board for Testing and Calibration Laboratories

SCOPE OF ACCREDITATION

Laboratory Name : SD GEOTESTING SOLUTIONS & CONSULTANT, PLOT NO: 163 UTTAM NAGAR, MAHADEV KHORI ROAD, AMRAVATI, MAHARASHTRA, INDIA

Accreditation Standard ISO/IEC 17025:2017

Certificate Number TC-9304 **Page No** 1 of 4

Validity 04/03/2021 to 03/03/2023 **Last Amended on** 19/07/2022

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	Bricks	Compressive Strength	IS:3495: PART 1
2	MECHANICAL- BUILDINGS MATERIALS	Coarse aggregate	Bulk Density	IS:2386 PART 3
3	MECHANICAL- BUILDINGS MATERIALS	Coarse aggregate	Crushing Value	IS:2386 PART 4
4	MECHANICAL- BUILDINGS MATERIALS	Coarse aggregate	Elongation Index	IS:2386 PART 1
5	MECHANICAL- BUILDINGS MATERIALS	Coarse aggregate	Flakiness Index	IS:2386 PART 1
6	MECHANICAL- BUILDINGS MATERIALS	Coarse aggregate	impact Value	IS:2386 PART 4
7	MECHANICAL- BUILDINGS MATERIALS	Coarse aggregate	Sieve Analysis (sieves used for sieve analysis for aggregate & soil GI sieves (aggregate) 63mm, 50mm, 40mm 31.50mm 25mm 20mm 16mm 12.50mm 10mm 6.3mm brass sieves (soil) 4.75 mm 2.36 mm 2.00mm 600 micron 425 micron 75 micron)	IS:2386 PART 1
8	MECHANICAL- BUILDINGS MATERIALS	Coarse aggregate	Specific Gravity	IS:2386 PART 3
9	MECHANICAL- BUILDINGS MATERIALS	Coarse aggregate	Water absorption	IS:2386 PART 3
10	MECHANICAL- BUILDINGS MATERIALS	Concrete Paver block	Water absorption	IS: 15658
11	MECHANICAL- BUILDINGS MATERIALS	Fine aggregate	Bulk Density	IS:2386 PART 3
12	MECHANICAL- BUILDINGS MATERIALS	Fine aggregate	Sieve Analysis (sieves used for sieve analysis for aggregate & soil GI sieves (aggregate) 63mm, 50mm, 40mm 31.50mm 25mm 20mm 16mm 12.50mm 10mm 6.3mm brass sieves (soil) 4.75 mm 2.36 mm 2.00mm 600 micron 425 micron 75 micron)	IS:2386 PART 1
13	MECHANICAL- BUILDINGS MATERIALS	Fine aggregate	Specific Gravity	IS:2386 PART 3

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14	MECHANICAL- BUILDINGS MATERIALS	Fine aggregate	Water absorption	IS:2386 PART 3
15	MECHANICAL- BUILDINGS MATERIALS	Harden Concrete	Compressive Strength	IS:516
16	MECHANICAL- BUILDINGS MATERIALS	Hydraulic Cement	Consistency of Cement	IS:4031 PART 4
17	MECHANICAL- BUILDINGS MATERIALS	Hydraulic Cement	Final Setting Time	IS:4031 PART 5
18	MECHANICAL- BUILDINGS MATERIALS	Hydraulic Cement	Fineness By Dry Sieving	IS:4031 PART 1
19	MECHANICAL- BUILDINGS MATERIALS	Hydraulic Cement	Initial Setting Time	IS:4031 PART: 5
20	MECHANICAL- BUILDINGS MATERIALS	paver blocks	Compressive Strength	IS :15658
21	MECHANICAL- SOIL AND ROCK	Rock	Unconfined Compressive strength	IS-9143
22	MECHANICAL- SOIL AND ROCK	soil	CBR	IS 2720 PART 16
23	MECHANICAL- SOIL AND ROCK	Soil	Direct Shear Test (C)	IS 2720 PART 13
24	MECHANICAL- SOIL AND ROCK	soil	Direct Shear Test (Ø)	IS 2720 PART 13
25	MECHANICAL- SOIL AND ROCK	soil	Free Swell Index	IS 2720 PART 40
26	MECHANICAL- SOIL AND ROCK	soil	High compaction (MDD)	IS 2720 PART 8
27	MECHANICAL- SOIL AND ROCK	Soil	High Compaction (OMC)	IS 2720 PART 8
28	MECHANICAL- SOIL AND ROCK	Soil	LIGHT COMPACTION (MDD)	IS 2720 PART 7
29	MECHANICAL- SOIL AND ROCK	soil	LIGHT COMPACTION (OMC)	IS 2720 PART 7
30	MECHANICAL- SOIL AND ROCK	Soil	Liquid Limit	IS 2720 PART 5
31	MECHANICAL- SOIL AND ROCK	Soil	Moisture Content	IS 2720 PART 2
32	MECHANICAL- SOIL AND ROCK	Soil	Plastic limit	IS 2720 PART 5

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33	MECHANICAL- SOIL AND ROCK	Soil	Specific Gravity	IS 2720 PART 3/SEC 2
34	MECHANICAL- SOIL AND ROCK	soil	Tri-axial Test (UU) (C)	IS 2720 PART 11
35	MECHANICAL- SOIL AND ROCK	Soil	Tri-axial Test (UU) (Ø)	IS 2720 Part 11

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Site Facility				
1	NON-DESTRUCTIVE-BUILDING MATERIALS - REINFORCED CONCRETE STRUCTURES	Reinforced Concrete Structural Members	Rebound Hammer Test	IS:13311 PART:2
2	NON-DESTRUCTIVE-BUILDING MATERIALS - REINFORCED CONCRETE STRUCTURES	Reinforced Concrete Structural Members	Ultrasonic Pulse Velocity Test	IS:516 PART:5 SEC 1