National Accreditation Board for Testing and Calibration Laboratories

SCOPE OF ACCREDITATION

Laboratory Name : S S SOLUTION, AS 4/11, SREE NAGAR PALLY, DURGAPUR, PASCHIM BARDHAMAN, WEST BENGAL, INDIA

Accreditation Standard ISO/IEC 17025:2017

Certificate Number TC-9639 **Page No** 1 of 2

Validity 28/06/2021 to 27/06/2023 **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	Bricks	Compressive Strength	IS 3495 (Part 1)
2	MECHANICAL- BUILDINGS MATERIALS	Bricks	Water Absorption	IS 3495 (Part-2)
3	MECHANICAL- BUILDINGS MATERIALS	Coarse Aggregates	Bulk Density	IS 2386 (Part 3)
4	MECHANICAL- BUILDINGS MATERIALS	Coarse aggregates	Grain size analysis	IS 2386 part 1
5	MECHANICAL- BUILDINGS MATERIALS	Coarse aggregates	Specific Gravity	IS 2386 (Part 3)
6	MECHANICAL- BUILDINGS MATERIALS	Coarse Aggregates	Water Absorption	IS 2386 (Part 3)
7	MECHANICAL- BUILDINGS MATERIALS	Concrete Cube	Compressive Strength	IS 516
8	MECHANICAL- BUILDINGS MATERIALS	Fine Aggregate	Specific Gravity	IS 2386 (Part 3)
9	MECHANICAL- BUILDINGS MATERIALS	Fine aggregates	Bulk Density	IS 2386 (Part 3)
10	MECHANICAL- BUILDINGS MATERIALS	Fine aggregates	Grain Size Analysis	IS 2386 (Part 1)
11	MECHANICAL- BUILDINGS MATERIALS	Fine aggregates	Water Absorption	IS 2386 (part 3)
12	MECHANICAL- SOIL AND ROCK	Rock	Compressive Strength	IS 1121 part 1
13	MECHANICAL- SOIL AND ROCK	Rock	Density	IS 13030
14	MECHANICAL- SOIL AND ROCK	Rock	Specific Gravity	IS 1122
15	MECHANICAL- SOIL AND ROCK	Rock	Water Absorption	IS 1124
16	MECHANICAL- SOIL AND ROCK	Rock	Water Content	IS 13030
17	MECHANICAL- SOIL AND ROCK	Soil	CBR	IS 2720 part 16
18	MECHANICAL- SOIL AND ROCK	Soil	Consolidation properties	IS 2720 part 15

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19	MECHANICAL- SOIL AND ROCK	Soil	Direct shear test (Cohesion)	IS 2720 part 13
20	MECHANICAL- SOIL AND ROCK	Soil	Grain size analysis (Sieve Analysis)	IS 2720 PART 4
21	MECHANICAL- SOIL AND ROCK	Soil	Liquid Limit	IS 2720 (part 5)
22	MECHANICAL- SOIL AND ROCK	Soil	Plastic Limit	IS 2720 (Part 5)
23	MECHANICAL- SOIL AND ROCK	Soil	Shear Strength test (Cohesion)	IS 2720 (Part 11)
24	MECHANICAL- SOIL AND ROCK	Soil	Shrinkage limit	IS 2720 (Part 6)
25	MECHANICAL- SOIL AND ROCK	Soil	Specific Gravity	IS 2720 (Part 3) Sec 1
26	MECHANICAL- SOIL AND ROCK	Soil	Unconfined Compressive strength	IS 2720 part 10
27	MECHANICAL- SOIL AND ROCK	Soil	Water content- dry density relation using heavy compaction (Dry Density)	IS 2720 (part 8)
28	MECHANICAL- SOIL AND ROCK	Soil	Water content- dry density relation using light compaction (Dry density)	IS 2720 (part 7)
29	MECHANICAL- SOIL AND ROCK	Soil (Clay)	Free Swell Index	IS 2720 part 40
30	MECHANICAL- SOIL AND ROCK	Soil /Clay	Moisture content	IS 2720 (part 2)