National Accreditation Board for Testing and Calibration Laboratories

SCOPE OF ACCREDITATION

Laboratory Name : SPACE ENGINEERS CONSORTIUM PRIVATE LIMITED TESTING LABORATORY, BATPORA WATHOORA, BUDGAM, BADGAM, JAMMU AND KASHMIR, INDIA

Accreditation Standard ISO/IEC 17025:2017

Certificate Number TC-10095 **Page No** 1 of 2

Validity 23/11/2021 to 22/11/2023 **Last Amended on** 07/12/2021

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	Brick	Compressive Strength	IS:3495 P1
2	MECHANICAL- BUILDINGS MATERIALS	Brick	Dimensions	IS:1077
3	MECHANICAL- BUILDINGS MATERIALS	Brick	Water Absorption	IS 3495 P-2
4	MECHANICAL- BUILDINGS MATERIALS	Bricks	Efflorescene	IS 3495 P-3
5	MECHANICAL- BUILDINGS MATERIALS	Cement	Compressive Strength	IS 4031 P-6
6	MECHANICAL- BUILDINGS MATERIALS	Cement	Consistency	IS 4031 P-4
7	MECHANICAL- BUILDINGS MATERIALS	Cement	Final Setting Time	IS 4031 P-5
8	MECHANICAL- BUILDINGS MATERIALS	Cement	Fineness by dry sieving	IS 4031 P-1
9	MECHANICAL- BUILDINGS MATERIALS	Cement	Initial Setting Time	IS 4031 P-5
10	MECHANICAL- BUILDINGS MATERIALS	Coarse Aggregate	Elongation Index	IS 2386 P-1
11	MECHANICAL- BUILDINGS MATERIALS	Coarse Aggregate	Flakiness Index	IS 2386 P-1
12	MECHANICAL- BUILDINGS MATERIALS	Coarse Aggregate	Impact Strength	IS 2386-4
13	MECHANICAL- BUILDINGS MATERIALS	Coarse Aggregate	Sieve Analysis	IS 2386 P-1
14	MECHANICAL- BUILDINGS MATERIALS	Coarse Aggregate	Specific Gravity	IS 2386 P-3
15	MECHANICAL- BUILDINGS MATERIALS	Coarse Aggregate	Water Absorption	IS 2386 P-3
16	MECHANICAL- BUILDINGS MATERIALS	Concrete Core	Compressive strength	IS 516 P-4
17	MECHANICAL- BUILDINGS MATERIALS	Concrete Cube	Compressive strength	IS 516 P-1
18	MECHANICAL- BUILDINGS MATERIALS	Fine Aggregate	Sieve Analysis	IS 2386 P-1

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19	MECHANICAL- BUILDINGS MATERIALS	Fine Aggregate	Specific Gravity	IS 2386 P-3
20	MECHANICAL- BUILDINGS MATERIALS	Paver Block	Compressive Strength	IS 15658
21	MECHANICAL- BUILDINGS MATERIALS	Paver Block	Dimension (Height)	IS 15658
22	MECHANICAL- BUILDINGS MATERIALS	Paver Block	Dimension (Length)	IS 15658
23	MECHANICAL- BUILDINGS MATERIALS	Paver Block	Dimension (width)	IS 15658
24	MECHANICAL- BUILDINGS MATERIALS	Paver Block	Water Absorption	IS 15658
25	MECHANICAL- SOIL AND ROCK	Soil	Direct shear test (Angle of friction)	S:2720 P 13
26	MECHANICAL- SOIL AND ROCK	Soil	California Bearing Ratio	IS:2720 P16
27	MECHANICAL- SOIL AND ROCK	soil	Direct shear test (Cohesion)	IS:2720 P-13
28	MECHANICAL- SOIL AND ROCK	Soil	Dry Density by Heavy Compaction MDD	IS:2720 P-8
29	MECHANICAL- SOIL AND ROCK	Soil	Dry Density by Light Compaction MDD	IS:2720 P 7
30	MECHANICAL- SOIL AND ROCK	Soil	Free Swell index	IS:2720 P 40
31	MECHANICAL- SOIL AND ROCK	Soil	Grain size Analysis	IS:2720 P4
32	MECHANICAL- SOIL AND ROCK	Soil	Liquid Limit	IS:2720 P 5
33	MECHANICAL- SOIL AND ROCK	Soil	Moisture content	IS:2720 P-2
34	MECHANICAL- SOIL AND ROCK	Soil	optimum Moisture Content by Heavy Compaction OMC	IS:2720 P-8
35	MECHANICAL- SOIL AND ROCK	Soil	Optimum Moisture Content by Light Compaction OMC	IS:2720 P 7
36	MECHANICAL- SOIL AND ROCK	Soil	Plastic Limit	IS:2720 P 5
37	MECHANICAL- SOIL AND ROCK	Soil	Unconfined Compressive Strength	IS:2720 P10