



National Accreditation Board for Testing and Calibration Laboratories

(A Constituent Board of Quality Council of India)



SCOPE OF ACCREDITATION

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

Accreditation Standard ISO/IEC 17025:2005

Certificate Number TC-8499 Page No.: 1/3

Validity 16/05/2019 to 15/05/2021 Last Amended on -

'In view of the transition deadline for ISO/IEC 17025:2017, the validity of this accreditation certificate will cease on 30.11.2020.'

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	Coarse Aggregate	Impact strength	IS 2386 (Part 4): 2016	3 % to 50 %					
2	MECHANICAL- BUILDINGS MATERIALS	Coarse Aggregates	Angularity Index	IS 2386 (Part 1): 2016	5 % to 40 %					
3	MECHANICAL- BUILDINGS MATERIALS	Coarse Aggregates	Flankiness Index	IS 2386 (Part 1): 2016	1 % to 50 %					
4	MECHANICAL- BUILDINGS MATERIALS	Coarse Aggregates	Specific Gravity	IS 2386 (Part 3): 2016	1 to 3					
5	MECHANICAL- BUILDINGS MATERIALS	Coarse Aggregates	Water absorption	IS 2386 (Part 3): 2016	0.1 % to 10 %					
6	MECHANICAL- BUILDINGS MATERIALS	Concrete Core	Compressive Strength	IS (516): 2013	2 MPa to 50 MPa					
7	MECHANICAL- BUILDINGS MATERIALS	Concrete cube	Compressive Strength	IS 516: 2013	5 MPa to 50 MPa					
8	MECHANICAL- BUILDINGS MATERIALS	Course Aggregate	Elongation Index	IS 2386 (Part 1): 2016	1 % to 50 %					
9	MECHANICAL- BUILDINGS MATERIALS	Fine Aggregates	Bulking	IS 2386 (Part 3): 2016	0.10 % to 90 %					





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10	MECHANICAL- BUILDINGS MATERIALS	Fine Aggregates	Seive Analysis	IS 2386 (Part 1): 2016	2.36 mm to 80 mm
11	MECHANICAL- SOIL AND ROCK	Fined grained soil	Specific gravity	IS 2720 (Part 3): 2016	1.5 to 3
12	MECHANICAL- SOIL AND ROCK	Soil	Direct Shear Test (Angle of friction)	IS 2720 (Part 13): 2016	5 Degree to 45 Degree
13	MECHANICAL- SOIL AND ROCK	Soil	Direct Shear Test (Cohesion)	IS 2720 (Part 13): 2016	0.01 kg/cm² to 1 kg/cm²
14	MECHANICAL- SOIL AND ROCK	Soil	Dry Density by heavy compaction MDD	IS 2720 (Part 8): 2015	1 g/cc to 3 g/cc
15	MECHANICAL- SOIL AND ROCK	Soil	Dry Density by heavy compaction OMC	IS 2720 (part 8): 2015	1 % to 50 %
16	MECHANICAL- SOIL AND ROCK	Soil	Dry Density by light compaction MDD	IS 2720 (Part 7): 2016	1.0 g/cc to 3 g/cc
17	MECHANICAL- SOIL AND ROCK	Soil	Dry Density by light compaction Test OMC	IS 2720 (Part 7): 2016	1 % to 50 %
18	MECHANICAL- SOIL AND ROCK	Soil	Free Swell Index	IS 2720 (Part 40): 2016	0.1 % to 60 %
19	MECHANICAL- SOIL AND ROCK	Soil	Liquid Limit	IS 2720 (Part 5): 2015	20 % to 80 %
20	MECHANICAL- SOIL AND ROCK	Soil	Moisture Content	IS 2720 (Part 2): 2015	0.1 % to 50 %
21	MECHANICAL- SOIL AND ROCK	Soil	Plastic Limit	2720 (Part 5): 2015	1 % to 50 %
22	MECHANICAL- SOIL AND ROCK	Soil	Shrinkage Limit	IS 2720 (Part 6): 2016	1 % to 30 %





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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
23	MECHANICAL- SOIL AND ROCK	Soil	Unconfined Compressive Strength	IS 2720 (Part 10): 2015	0.01 kg/cm2 to 10 kg/cm2
24	MECHANICAL- SOIL AND ROCK	Soils	California Bearing Ratio	IS 2720 (Part 16): 2015	1 % to 50 %
25	MECHANICAL- SOIL AND ROCK	Soils	Grain size Analysis	IS 2720 (Part 4): 2015	0.075 mm to 4.75 mm
26	MECHANICAL- SOIL AND ROCK	Soils	Grain size analysis	IS 2720 (Part 4): 2015	0.995 mm to 1.030 mm