



National Accreditation Board for Testing and Calibration Laboratories

(A Constituent Board of Quality Council of India)



SCOPE OF ACCREDITATION

Laboratory Name UV GLOBAL GEO SOLUTIONS PRIVATE LIMITED, 26, GROUND FLOOR, BHARAT NAGAR, ASHOK VIHAR, DELHI, INDIA

Accreditation Standard ISO/IEC 17025:2017

Certificate Number TC-8543 Page No. : 1 / 3

Validity 13/06/2019 to 12/06/2021 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- SOIL AND ROCK	Rock	Bulk Density	IS 13030: 1991 RA: 2016	1.2 g/cc to 3.5 g/cc
2	MECHANICAL- SOIL AND ROCK	Rock	Point Load Index	IS 8764: 1998 RA: 2014	0.1 N/mm ² to 25 N/mm ²
3	MECHANICAL- SOIL AND ROCK	Rock	Specific Gravity	IS 1122: 1974	1.2 to 3.0
4	MECHANICAL- SOIL AND ROCK	Rock	Unconfined Compressive Strength	IS 9143: 1979 RA: 2016	2 N/mm ² to 450 N/mm ²
5	MECHANICAL- SOIL AND ROCK	Rock	Water Content	IS 13030: 1991 RA: 2016	0.01 % to 30 %
6	MECHANICAL- SOIL AND ROCK	Rock	Water Absorption	IS 1124: 1974	0.01 % to 30 %
7	MECHANICAL- SOIL AND ROCK	Soil	Bulk Density	IS 2720 (Part 2):1973 RA: 2015	0.50 g/cc to 3.0 g/cc
8	MECHANICAL- SOIL AND ROCK	Soil	California Bearing Ratio	IS 2720 (Part 16): 1987 RA: 2016	0.5 % to 40 %
9	MECHANICAL- SOIL AND ROCK	Soil	Consolidation Properties (Compression Index)	IS 2720 (Part 15): 1986 RA: 2016	0.10 to 8.0
10	MECHANICAL- SOIL AND ROCK	Soil	Consolidation Properties (Void Ratio)	IS 2720 (Part 15): 1986 RA: 2016	0.1 % to 0.99 %
11	MECHANICAL- SOIL AND ROCK	Soil	Direct Shear Test (C-Value)	IS 2720 (Part 13): 1986 RA: 2016	0.0 kg/cm ² to 1.0 kg/cm ²
12	MECHANICAL- SOIL AND ROCK	Soil	Direct Shear Test (Phi-Value)	IS 2720 (Part 13): 1986 RA: 2016	0 ° to 50 °
13	MECHANICAL- SOIL AND ROCK	Soil	Free Swell Index	IS 2720 (Part 40): 1977 RA: 2016	0 % to 100 %



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14	MECHANICAL- SOIL AND ROCK	Soil	Grain Size Analysis	IS 2720 (Part 4): 1985 RA: 2015	1.0 % to 100 %
15	MECHANICAL- SOIL AND ROCK	Soil	Hydrometer Analysis	IS 2720 (Part 4): 1985 RA: 2015	1 % to 100 %
16	MECHANICAL- SOIL AND ROCK	Soil	Liquid Limit	IS 2720 (Part 5): 1985 RA: 2015	15 % to 70 %
17	MECHANICAL- SOIL AND ROCK	Soil	Maximum Dry Density using Heavy Compaction Test	IS 2720 (Part 8): 1983 RA: 2015	1.2 g/cc to 2.6 g/cc
18	MECHANICAL- SOIL AND ROCK	Soil	Maximum Dry Density using Light Compaction Test	IS 2720 (Part 7):1980 RA: 2016	1.2 g/cc to 2.6 g/cc
19	MECHANICAL- SOIL AND ROCK	Soil	Natural Moisture Content	IS 2720 (Part 2): 1973 RA: 2015	0.10 % to 60 %
20	MECHANICAL- SOIL AND ROCK	Soil	Optimum Moisture Content using Heavy Compaction Test	IS 2720 (Part 8): 1983 RA: 2015	5 % to 30 %
21	MECHANICAL- SOIL AND ROCK	Soil	Optimum Moisture Content using Light Compaction Test	IS 2720 (Part 7): 1980 RA: 2016	0 % to 30 %
22	MECHANICAL- SOIL AND ROCK	Soil	Permeability Test (Falling Head Method)	IS 2720 (Part 17):1986 RA: 2016	10 ⁻¹ cm/s to 10 ⁻⁸ cm/s
23	MECHANICAL- SOIL AND ROCK	Soil	Plastic Limit	IS 2720 (Part 5): 1985 RA: 2015	10 % to 60 %
24	MECHANICAL- SOIL AND ROCK	Soil	Shrinkage Limit	IS 2720 (Part 6): 1972 RA: 2016	2 % to 40 %
25	MECHANICAL- SOIL AND ROCK	Soil	Specific Gravity Test (Fine Grain)	IS 2720 (Part 3): 1980 RA: 2016	1.0 to 3.0



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26	MECHANICAL- SOIL AND ROCK	Soil	Tri-axial Test (C-Value)	IS 2720 (Part 11): 1993 RA: 2016	0 kg/cm ² to 2.5 kg/cm ²
27	MECHANICAL- SOIL AND ROCK	Soil	Tri-axial Test (Phi-Value)	IS 2720 (Part 11): 1993 RA: 2016	0 ° to 50 °
28	MECHANICAL- SOIL AND ROCK	Soil	Unconfined Compressive Strength	IS 2720 (Part 10): 1991 RA: 2015	0.0 kg/cm ² to 4.0 kg/cm ²