National Accreditation Board for Testing and Calibration Laboratories

SCOPE OF ACCREDITATION

Laboratory Name : V.K.P. GEOTECH, NO: 20, 2 ND CROSS, 1ST MAIN ROAD, SRP NAGAR, COIMBATORE, TAMIL NADU, INDIA

Accreditation Standard ISO/IEC 17025:2017

Certificate Number TC-9284 **Page No** 1 of 2

Validity 01/03/2021 to 28/02/2023 **Last Amended on** 14/07/2022

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	Aggregates	Elongation Index	IS 2386 - 1
2	MECHANICAL- BUILDINGS MATERIALS	Aggregates	Flakiness Index	IS 2386 - 1
3	MECHANICAL- BUILDINGS MATERIALS	Aggregates	Sieve Analysis (65, 50, 40, 25, 20, 16,12, 5,10, 6.3, 4.75, 2.63,2.00 mm)	IS 2386 - 1
4	MECHANICAL- BUILDINGS MATERIALS	Aggregates	Specific Gravity	IS 2386 - 3
5	MECHANICAL- BUILDINGS MATERIALS	Aggregates	Water absorbtion	IS 2386 - 3
6	MECHANICAL- BUILDINGS MATERIALS	Brick	Compressive Strength of Brick	IS 3495 - 1
7	MECHANICAL- BUILDINGS MATERIALS	Brick	Water Absorption	IS 3495 - 2
8	MECHANICAL- BUILDINGS MATERIALS	Cement OPC	Compressive Strength for cement Cubes	IS 4031-6
9	MECHANICAL- BUILDINGS MATERIALS	Cement OPC	Consistency Test	IS 4031 - 4
10	MECHANICAL- BUILDINGS MATERIALS	Cement OPC	Density of Cement	IS 4031 -11
11	MECHANICAL- BUILDINGS MATERIALS	Cement OPC	Final Setting Time	IS 4031 - 5
12	MECHANICAL- BUILDINGS MATERIALS	Cement OPC	Initial Setting Time	IS 4031 - 5
13	MECHANICAL- BUILDINGS MATERIALS	Concrete Cube	Compressive Strength of Concrete	IS 516
14	MECHANICAL- SOIL AND ROCK	Rock	Dry Density	IS 13030
15	MECHANICAL- SOIL AND ROCK	Rock	Point Load Strength Index of Rocks	IS 8764
16	MECHANICAL- SOIL AND ROCK	Rock	Unconfined Compressive Strength of Rock	IS 9143
17	MECHANICAL- SOIL AND ROCK	Rock	Water content	IS 13030
18	MECHANICAL- SOIL AND ROCK	Soil	California Bearing Ratio	IS 2720-16

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19	MECHANICAL- SOIL AND ROCK	Soil	Direct Shear - Cohesion	IS 2720 - 13
20	MECHANICAL- SOIL AND ROCK	Soil	Direct Shear - Cohesion less	IS 2720-13
21	MECHANICAL- SOIL AND ROCK	Soil	Dry Density Using Heavy Compaction	IS 2720 - 8
22	MECHANICAL- SOIL AND ROCK	Soil	Dry Density Using Light Compaction	IS 2720 - 7
23	MECHANICAL- SOIL AND ROCK	Soil	Dry Sieve Analysis	IS 2720 - 4
24	MECHANICAL- SOIL AND ROCK	Soil	Free Swell Index of Soils	IS 2720 - 40
25	MECHANICAL- SOIL AND ROCK	Soil	Hydrometer Analysis	IS 2720 - 4
26	MECHANICAL- SOIL AND ROCK	Soil	Liquid Limit by Mechanical Method	IS 2720 - 5
27	MECHANICAL- SOIL AND ROCK	Soil	Plastic Limit	IS 2720 - 5
28	MECHANICAL- SOIL AND ROCK	Soil	Shrinkage Limit	IS 2720 - 6
29	MECHANICAL- SOIL AND ROCK	Soil	Specific Gravity, Coarse grained soil	IS 2720 - 3 (Sec 1)
30	MECHANICAL- SOIL AND ROCK	Soil	Triaxial compression (cohesion)	IS 2720 - 11
31	MECHANICAL- SOIL AND ROCK	Soil	Unconfined Compressive Strength	IS 9143
32	MECHANICAL- SOIL AND ROCK	Soil	Water Content of Soil	IS 2720 - 2
33	MECHANICAL- SOIL AND ROCK	Soil	Water Content Using Heavy Compaction	IS 2720 - 8
34	MECHANICAL- SOIL AND ROCK	Soil	Water Content Using Light Compaction	IS 2720 - 7
35	MECHANICAL- SOIL AND ROCK	Soil	Wet Sieve Analysis	IS 2720 - 4