National Accreditation Board for Testing and Calibration Laboratories

SCOPE OF ACCREDITATION

Laboratory Name : VISHWAS GEOTECH PRIVATE LIMITED, A - 14, CP NAGAR PART - 2,GHATLODIA, AHMEDABAD, GUJARAT, INDIA

Accreditation Standard ISO/IEC 17025:2017

Certificate Number TC-8999 **Page No** 1 of 5

Validity 18/09/2022 to 17/09/2024 **Last Amended on** 11/11/2022

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	Bitumen	Absolute Viscosity Test	IS 1206 (Part-2)
2	MECHANICAL- BUILDINGS MATERIALS	Bitumen	Ductility Test	IS 1208
3	MECHANICAL- BUILDINGS MATERIALS	Bitumen	Kinematics Viscosity Test	IS 1206 (Part-3)
4	MECHANICAL- BUILDINGS MATERIALS	Bitumen	Penetration Test	IS 1203
5	MECHANICAL- BUILDINGS MATERIALS	Bitumen	Softening point	IS 1205
6	MECHANICAL- BUILDINGS MATERIALS	Bitumen	Specific gravity Test	IS 1202
7	MECHANICAL- BUILDINGS MATERIALS	Bituminous Mix	Binder Content	ASTM D 2172
8	MECHANICAL- BUILDINGS MATERIALS	Bituminous Mix	Flow Test	ASTM D 6927
9	MECHANICAL- BUILDINGS MATERIALS	Bituminous Mix	Marshall Flow Test	ASTM D 6927
10	MECHANICAL- BUILDINGS MATERIALS	Bituminous Mix	Marshall Stability Test	ASTM D 6927
11	MECHANICAL- BUILDINGS MATERIALS	Bituminous Mix	Stability Test	ASTM D 6927
12	MECHANICAL- BUILDINGS MATERIALS	Bricks (Burn clay bricks)	Dimension (Height)	IS 1077
13	MECHANICAL- BUILDINGS MATERIALS	Bricks (Burn clay bricks)	Dimension (Width)	IS 1077
14	MECHANICAL- BUILDINGS MATERIALS	Bricks (Burnt clay bricks)	Compressive strength Test	IS 3495 (Part-1)
15	MECHANICAL- BUILDINGS MATERIALS	Bricks (Burnt clay bricks)	Dimension Test (Length)	IS 1077
16	MECHANICAL- BUILDINGS MATERIALS	Bricks (Burnt clay bricks)	Efflorescence Test	IS 3495 (Part-3)
17	MECHANICAL- BUILDINGS MATERIALS	Bricks (Burnt clay bricks)	Water absorption Test	IS 3495 (Part-2)
18	MECHANICAL- BUILDINGS MATERIALS	Cement	Compressive Strength	IS 4031 (Part-6)

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19	MECHANICAL- BUILDINGS MATERIALS	Cement	Consistency	IS 4031 (Part-4)
20	MECHANICAL- BUILDINGS MATERIALS	Cement	Final Setting Time	IS 4031 (Part-5)
21	MECHANICAL- BUILDINGS MATERIALS	Cement	Fineness by Dry Sieving	IS 4031 (Part-1)
22	MECHANICAL- BUILDINGS MATERIALS	Cement	Initial Setting Time	IS 4031 (Part-5)
23	MECHANICAL- BUILDINGS MATERIALS	Cement	Soundness by Le-Chatilier Method	IS 4031 (Part-3)
24	MECHANICAL- BUILDINGS MATERIALS	Coarse Aggregates	10% Fines Value Test	IS 2386 (Part-4)
25	MECHANICAL- BUILDINGS MATERIALS	Coarse Aggregates	Flakiness index	IS 2386 (Part-1)
26	MECHANICAL- BUILDINGS MATERIALS	Coarse Aggregates	Crushing value Test	IS 2386 (Part-4)
27	MECHANICAL- BUILDINGS MATERIALS	Coarse Aggregates	Elongation Index	IS 2386 (Part-1)
28	MECHANICAL- BUILDINGS MATERIALS	Coarse Aggregates	Impact value Test	IS 2386 (Part-4)
29	MECHANICAL- BUILDINGS MATERIALS	Coarse Aggregates	Sieve analysis (4.75mm to 75mm)	IS 2386 (Part-1)
30	MECHANICAL- BUILDINGS MATERIALS	Coarse Aggregates	Soundness Test by Sodium Sulphate Solution Method	IS 2386 (Part-5)
31	MECHANICAL- BUILDINGS MATERIALS	Coarse Aggregates	Specific Gravity Test	IS 2386 (Part-3)
32	MECHANICAL- BUILDINGS MATERIALS	Coarse Aggregates	Stripping Value Test (Coating retained)	IS 6241
33	MECHANICAL- BUILDINGS MATERIALS	Coarse Aggregates	Water absorption Test	IS 2386 (Part-3)
34	MECHANICAL- BUILDINGS MATERIALS	Concrete	Compressive strength	IS 516 Part 1 Sec 1
35	MECHANICAL- BUILDINGS MATERIALS	Fine Aggregates	Sieve Analysis (75 micron to 10 mm)	IS 2386 (Part-1)
36	MECHANICAL- BUILDINGS MATERIALS	Fine Aggregates	Specific Gravity Test	IS 2386 (Part-3)
37	MECHANICAL- BUILDINGS MATERIALS	Fine Aggregates	Water Absorption	IS 2386 (Part-3)

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38	MECHANICAL- BUILDINGS MATERIALS	Fresh Concrete	Slump test	IS 1199 (Part-2)
39	MECHANICAL- BUILDINGS MATERIALS	Paver Blocks	Compressive strength Test	IS 15658
40	MECHANICAL- BUILDINGS MATERIALS	Paver Blocks	Water absorption Test	IS 15658
41	MECHANICAL- ROCK-BASIC	Rock	Unconfinded Compression Strength	IS 9143
42	MECHANICAL- ROCK-BASIC	Rock	Water Content Test	IS 13030
43	MECHANICAL- SOIL-ADVANCED	Soil	Permeability Test (by Falling head method)	IS 2720 (Part-17)
44	MECHANICAL- SOIL-ADVANCED	Soil	Sweling Pressure Test	IS 2720 (Part-41)
45	MECHANICAL- SOIL AND ROCK	Natural Building Stone	Apparent Specific Gravity	IS 1124
46	MECHANICAL- SOIL AND ROCK	Natural Building Stone	Compressive Strength	IS 1121 (Part-1)
47	MECHANICAL- SOIL AND ROCK	Natural Building Stone	True Specific Gravity	IS 1122
48	MECHANICAL- SOIL AND ROCK	Natural Building Stone	Water Absorption	IS 1124
49	MECHANICAL- SOIL- BASIC	Soil	California Bearing Ratio	IS 2720 (Part-16)
50	MECHANICAL- SOIL- BASIC	Soil	Consolidation Test	IS 2720 (Part-15)
51	MECHANICAL- SOIL- BASIC	Soil	Direct Shear Test (Angle of internal friction)	IS 2720 (Part-13)
52	MECHANICAL- SOIL- BASIC	Soil	Direct Shear Test (Cohesion)	IS 2720 (Part-13)
53	MECHANICAL- SOIL- BASIC	Soil	Free Swell Index	IS 2720 (Part-40)
54	MECHANICAL- SOIL- BASIC	Soil	Gradation (Grain size analysis) Dry and Wet	IS 2720 (Part-4)
55	MECHANICAL- SOIL- BASIC	Soil	Liquid Limit	IS 2720 (Part-5)
56	MECHANICAL- SOIL- BASIC	Soil	Plastic Limit	IS 2720 (Part-5)
57	MECHANICAL- SOIL- BASIC	Soil	Proctor Test (Modified / Heavy) - MDD	IS 2720 (Part-8)
58	MECHANICAL- SOIL- BASIC	Soil	Proctor Test (Modified / Heavy) - OMC	IS 2720 (Part-8)

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59	MECHANICAL- SOIL- BASIC	Soil	Proctor Test (Standard / Light) - MDD	IS 2720 (Part-7)
60	MECHANICAL- SOIL- BASIC	Soil	Proctor Test (Standard / Light) - OMC	IS 2720 (Part-7)
61	MECHANICAL- SOIL- BASIC	Soil	Specific Gravity	IS 2720 (Part-3, Sec 1)
62	MECHANICAL- SOIL- BASIC	Soil	Unconfined Compression Strength	IS 2720 (Part-10)

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Site Facility				
1	MECHANICAL- SOIL AND ROCK	Soil Field Test	Field Moisture Content	IS 2720 (Part-2)
2	MECHANICAL- SOIL- FIELD	Soil Field Test	Field Density Test (by Core Cutter method)	IS 2720 (Part-29)
3	MECHANICAL- SOIL- FIELD	Soil Field Test	Field Density Test (by Sand Replacement method)	IS 2720 (Part-28)
4	MECHANICAL- SOIL- FIELD	Soil Filed Test	Standard Penetration Test	IS 2131