National Accreditation Board for Testing and Calibration Laboratories

SCOPE OF ACCREDITATION

Laboratory Name : SHREEJI GEOTECH & CONSULTANCY, PLOT NO. 3, BUDDHA VIHAR RESIDENCY, BOTAD, GUJARAT, INDIA

Accreditation Standard ISO/IEC 17025:2017

Certificate Number TC-10104 **Page No** 1 of 5

Validity 01/12/2021 to 30/11/2023 **Last Amended on** -

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 and Bituminous material	Absolute Viscosity	IS 1206
2	MECHANICAL- BUILDINGS MATERIALS	Bitumen and Bituminous material	Ductility	IS 1208
3	MECHANICAL- BUILDINGS MATERIALS	Bitumen and Bituminous material	Kinematics Viscosity	IS 1206
4	MECHANICAL- BUILDINGS MATERIALS	Bitumen and Bituminous material	Penetration	IS 1203
5	MECHANICAL- BUILDINGS MATERIALS	Bitumen and Bituminous material	Softening point	IS 1205
6	MECHANICAL- BUILDINGS MATERIALS	Bitumen and Bituminous material	Specific gravity	IS 1202
7	MECHANICAL- BUILDINGS MATERIALS	Bituminous Concrete Mix	Binder content	ASTM D2172
8	MECHANICAL- BUILDINGS MATERIALS	Bituminous Concrete Mix	Density of the mix	ASTM D 2726
9	MECHANICAL- BUILDINGS MATERIALS	Bituminous Mix	Flow Test	ASTM D 6927
10	MECHANICAL- BUILDINGS MATERIALS	Bituminous Mix	Marshall Stability	ASTM D 6927
11	MECHANICAL- BUILDINGS MATERIALS	Burnt clay bricks and Fly ash bricks	Compressive Strength	IS 3495 (Part 1)
12	MECHANICAL- BUILDINGS MATERIALS	Burnt clay bricks and Fly ash bricks	Dimension (Width)	IS 1077
13	MECHANICAL- BUILDINGS MATERIALS	Burnt clay bricks and Fly ash bricks	Dimension Height	IS 1077
14	MECHANICAL- BUILDINGS MATERIALS	Burnt clay bricks and Fly ash bricks	Dimension Length	IS 1077
15	MECHANICAL- BUILDINGS MATERIALS	Burnt clay bricks and Fly ash bricks	Efflorescence	IS 3495 (Part 3)
16	MECHANICAL- BUILDINGS MATERIALS	Burnt clay bricks and Fly ash bricks	Water absorption	IS 3495 (Part 2)
17	MECHANICAL- BUILDINGS MATERIALS	Cement (OPC/PPC)	Fineness by Blaine air permeability	IS 4031 (Part 2)
18	MECHANICAL- BUILDINGS MATERIALS	Cement (OPC/PPC)	Fineness by dry sieving (% retained)	IS 4031 (Part 1) Clause No.5

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Accreditation Standard ISO/IEC 17025:2017

Certificate Number TC-10104 **Page No** 2 of 5

Validity 01/12/2021 to 30/11/2023 **Last Amended on** -

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19	MECHANICAL- BUILDINGS MATERIALS	Cement (OPC/PPC)	Soundness by Lechatelier methods	IS 4031 (Part 3) Clause-5:
20	MECHANICAL- BUILDINGS MATERIALS	Cement (OPC/PPC)	Compressive strength	IS 4031 (Part 6)
21	MECHANICAL- BUILDINGS MATERIALS	Cement (OPC/PPC)	Consistency	IS 4031 (Part 4)
22	MECHANICAL- BUILDINGS MATERIALS	Cement (OPC/PPC)	Density	IS 4031 (Part-11)
23	MECHANICAL- BUILDINGS MATERIALS	Cement (OPC/PPC)	Final setting times	IS 4031 (Part 5)
24	MECHANICAL- BUILDINGS MATERIALS	Cement (OPC/PPC)	Initial setting times	IS 4031 (Part 5)
25	MECHANICAL- BUILDINGS MATERIALS	Coarse Aggregate	Los Angeles abrasion value	Is 2386 (Part-4)
26	MECHANICAL- BUILDINGS MATERIALS	Coarse Aggregate	Sieve Analysis (4.75 mm to 125 mm)	IS 2386 (Part 1)
27	MECHANICAL- BUILDINGS MATERIALS	Coarse Aggregate	Soundness	IS 2386 (Part 5)
28	MECHANICAL- BUILDINGS MATERIALS	Coarse Aggregate	10% Fines Value	IS 2386 (Part-4)
29	MECHANICAL- BUILDINGS MATERIALS	Coarse Aggregate	Bulk density & voids	IS 2386, (Part 3)
30	MECHANICAL- BUILDINGS MATERIALS	Coarse Aggregate	Crushing Value	IS 2386 (Part 4)
31	MECHANICAL- BUILDINGS MATERIALS	Coarse Aggregate	Elongation Index	IS 2386 (Part-1)
32	MECHANICAL- BUILDINGS MATERIALS	Coarse Aggregate	Flakiness Index	IS 2386 (Part 1)
33	MECHANICAL- BUILDINGS MATERIALS	Coarse Aggregate	Impact Value	IS 2386 (Part 4)
34	MECHANICAL- BUILDINGS MATERIALS	Coarse Aggregate	Specific Gravity	IS 2386 (Part 3)
35	MECHANICAL- BUILDINGS MATERIALS	Coarse Aggregate	Water Absorption	IS 2386 (Part 3)
36	MECHANICAL- BUILDINGS MATERIALS	Concrete	Compressive Strength of Cube	IS 516
37	MECHANICAL- BUILDINGS MATERIALS	Concrete	Flexural Strength	IS 516

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Certificate Number TC-10104 **Page No** 3 of 5

Validity 01/12/2021 to 30/11/2023 **Last Amended on** -

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38	MECHANICAL- BUILDINGS MATERIALS	Concrete	Slump Test	IS 1199
39	MECHANICAL- BUILDINGS MATERIALS	Fine Aggregate	Bulk density & voids	IS 2386, (Part 3)
40	MECHANICAL- BUILDINGS MATERIALS	Fine Aggregate	Soundness	IS 2386 (Part 5)
41	MECHANICAL- BUILDINGS MATERIALS	Fine Aggregates (Sand)	Sieve Analysis (75 micron to 4.75mm)	IS 2386 (Part 1)
42	MECHANICAL- BUILDINGS MATERIALS	Fine Aggregates (Sand)	Finer than 75 micron	IS 2386 (Part 1)
43	MECHANICAL- BUILDINGS MATERIALS	Fine Aggregates (sand)	Specific Gravity	IS 2386 (Part 3)
44	MECHANICAL- BUILDINGS MATERIALS	Fine Aggregates (Sand)	Water Absorption	IS 2386 (Part 3)
45	MECHANICAL- BUILDINGS MATERIALS	Paver Block	Water Absorption	IS 15658
46	MECHANICAL- BUILDINGS MATERIALS	Paver Blocks	Compressive Strength	IS 15658
47	MECHANICAL- SOIL AND ROCK	Soil	Direct Shear test (Angle)	IS 2720 (Part 13):
48	MECHANICAL- SOIL AND ROCK	Soil	Direct Shear test (Cohesion)	IS 2720 (Part 13)
49	MECHANICAL- SOIL AND ROCK	Soil	Gradation (75 micron to 40 mm)	IS 2720 (Part 4)
50	MECHANICAL- SOIL AND ROCK	Soil	Heavy Compaction (MDD)	IS 2720 (Part 8)
51	MECHANICAL- SOIL AND ROCK	Soil	Heavy Compaction (OMC)	IS 2720 (Part 8)
52	MECHANICAL- SOIL AND ROCK	Soil	Light Compaction (MDD)	IS 2720 (Part 7)
53	MECHANICAL- SOIL AND ROCK	Soil	Light Compaction (OMC)	IS 2720 (Part 27)
54	MECHANICAL- SOIL AND ROCK	Soil	CBR	IS 2720 (Part 16)
55	MECHANICAL- SOIL AND ROCK	Soil	Consolidation Test	IS:2720 (Part 15)
56	MECHANICAL- SOIL AND ROCK	Soil	Free Swell Index	IS 2720 (Part- 40)

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Accreditation Standard	ISO/IEC 17025:2017		
Certificate Number	TC-10104	**Page No**	4 of 5
Validity	01/12/2021 to 30/11/2023	**Last Amended on**	-

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57	MECHANICAL- SOIL AND ROCK	Soil	Liquid Limit	IS 2720 (Part 5)
58	MECHANICAL- SOIL AND ROCK	Soil	Plastic Limit	IS 2720 (Part 5)
59	MECHANICAL- SOIL AND ROCK	Soil	Shrinkage Limit	IS:2720 (Part 6)
60	MECHANICAL- SOIL AND ROCK	Soil	Specific Gravity	IS 2720 (Part-3)
61	MECHANICAL- SOIL AND ROCK	Soil	Swelling Pressure	IS:2720 (Part 41)

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Certificate Number TC-10104 **Page No** 5 of 5

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Site Facility				
1	MECHANICAL- SOIL AND ROCK	Clay & Soils	Standard Penetration	IS 2131
2	MECHANICAL- SOIL AND ROCK	Soils	Dry Density- (Sand Replacement Method)	IS 2720 (Part 28)
3	MECHANICAL- SOIL AND ROCK	Soils	Dry Density	IS 2720 (Part 29)