National Accreditation Board for Testing and Calibration Laboratories

SCOPE OF ACCREDITATION

Laboratory Name : APEX GEO TEST AND CONSULTANCY, L 804/2 SHED, G.I.D.C ENG ZONE, SECTOR 28, GANDHINAGAR, GUJARAT, INDIA

Accreditation Standard ISO/IEC 17025:2017

Certificate Number TC-9568 **Page No** 1 of 3

Validity 01/06/2021 to 31/05/2023 **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	CHEMICAL- WATER	Water for construction purpose	pH	IS 3025 (Part–11)
2	CHEMICAL- WATER	Water for construction purpose	Total dissolved solids	IS 3025 (Part-16)
3	MECHANICAL- BUILDINGS MATERIALS	Bitumen	Absolute Viscosity	IS 1206 (Part-2)
4	MECHANICAL- BUILDINGS MATERIALS	Bitumen	Ductility	IS 1208
5	MECHANICAL- BUILDINGS MATERIALS	Bitumen	Kinematic Viscosity	IS 1206 (Part-3)
6	MECHANICAL- BUILDINGS MATERIALS	Bitumen	Penetration Test	IS 1203
7	MECHANICAL- BUILDINGS MATERIALS	Bitumen	Softening Point	IS 1205
8	MECHANICAL- BUILDINGS MATERIALS	Bitumen	Specific Gravity	IS 1202
9	MECHANICAL- BUILDINGS MATERIALS	Bituminous Mix	Bitumen Content	ASTM D 2172
10	MECHANICAL- BUILDINGS MATERIALS	Bituminous Mix	Marshall Flow	ASTM D 6927
11	MECHANICAL- BUILDINGS MATERIALS	Bituminous Mix	Marshall Stability	ASTM D 6927
12	MECHANICAL- BUILDINGS MATERIALS	Brick	Compressive Strength	IS 3495 (Part–1)
13	MECHANICAL- BUILDINGS MATERIALS	Brick	Dimension - Height	IS 1077
14	MECHANICAL- BUILDINGS MATERIALS	Brick	Dimension - Length	IS 1077
15	MECHANICAL- BUILDINGS MATERIALS	Brick	Dimension - Width	IS 1077
16	MECHANICAL- BUILDINGS MATERIALS	Brick	Efflorescence	IS 3495 (Part–3)
17	MECHANICAL- BUILDINGS MATERIALS	Brick	Water Absorption	IS 3495 (Part–2)
18	MECHANICAL- BUILDINGS MATERIALS	Cement	Compressive Strength	IS 4031 (Part-6)
19	MECHANICAL- BUILDINGS MATERIALS	Cement	Consistency	IS 4031 (Part-4)

National Accreditation Board for Testing and Calibration Laboratories

SCOPE OF ACCREDITATION

Laboratory Name : APEX GEO TEST AND CONSULTANCY, L 804/2 SHED, G.I.D.C ENG ZONE, SECTOR 28, GANDHINAGAR, GUJARAT, INDIA

Accreditation Standard ISO/IEC 17025:2017

Certificate Number TC-9568 **Page No** 2 of 3

Validity 01/06/2021 to 31/05/2023 **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
20	MECHANICAL- BUILDINGS MATERIALS	Cement	Final Setting Time	IS 4031 (Part-5)
21	MECHANICAL- BUILDINGS MATERIALS	Cement	Fineness by Blaine Air Permeability	IS 4031 (Part-2)
22	MECHANICAL- BUILDINGS MATERIALS	Cement	Fineness by Dry Sieving	IS 4031 (Part-1)
23	MECHANICAL- BUILDINGS MATERIALS	Cement	Initial Setting Time	IS 4031 (Part-5)
24	MECHANICAL- BUILDINGS MATERIALS	Cement	Soundness by Le-Chatilier Method	IS 4031 (Part-3)
25	MECHANICAL- BUILDINGS MATERIALS	Coarse Aggregate	Abrasion Value	IS 2386 (Part–4), Clause 5.0
26	MECHANICAL- BUILDINGS MATERIALS	Coarse Aggregate	Crushing Value	IS 2386 (Part–4), Clause 2.0
27	MECHANICAL- BUILDINGS MATERIALS	Coarse Aggregate	Elongation Index	IS 2386 (Part–1), Clause 5.0
28	MECHANICAL- BUILDINGS MATERIALS	Coarse Aggregate	Flakiness Index	IS 2386 (Part–1), Clause 4.0
29	MECHANICAL- BUILDINGS MATERIALS	Coarse Aggregate	Impact value	IS 2386 (Part–4), Clause 4.0
30	MECHANICAL- BUILDINGS MATERIALS	Coarse Aggregate	Sieve Analysis (4.75 mm to 125 mm)	IS 2386 (Part–1), Clause 2.0
31	MECHANICAL- BUILDINGS MATERIALS	Coarse Aggregate	Specific Gravity	IS 2386 (Part–3), Clause 2.0
32	MECHANICAL- BUILDINGS MATERIALS	Coarse Aggregate	Water Absorption	IS 2386 (Part–3), Clause 2.0
33	MECHANICAL- BUILDINGS MATERIALS	Concrete	Compressive Strength	IS 516
34	MECHANICAL- BUILDINGS MATERIALS	Concrete	Slump Test	IS 1199
35	MECHANICAL- BUILDINGS MATERIALS	Fine Aggregate	Material Finer that 75 µ	IS 2386 (Part–1), Clause 3.0
36	MECHANICAL- BUILDINGS MATERIALS	Fine Aggregate	Sieve Analysis (0.075 to 10 mm sieve size)	IS 2386 (Part–1), Clause 2.0
37	MECHANICAL- BUILDINGS MATERIALS	Fine Aggregate	Specific Gravity	IS 2386 (Part–3), Clause 2.0
38	MECHANICAL- BUILDINGS MATERIALS	Fine Aggregate	Water Absorption	IS 2386 (Part–3), Clause 2.0

SCOPE OF ACCREDITATION

Laboratory Name : APEX GEO TEST AND CONSULTANCY, L 804/2 SHED, G.I.D.C ENG ZONE, SECTOR 28, GANDHINAGAR, GUJARAT, INDIA

Accreditation Standard ISO/IEC 17025:2017

Certificate Number TC-9568 **Page No** 3 of 3

Validity 01/06/2021 to 31/05/2023 **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
39	MECHANICAL- BUILDINGS MATERIALS	Pressed ceramic tiles / Ceramic Tiles	Dimension – Thickness	IS 13630 (Part–1)
40	MECHANICAL- BUILDINGS MATERIALS	Pressed ceramic tiles / Ceramic Tiles	Dimension – Width	IS 13630 (Part–1)
41	MECHANICAL- BUILDINGS MATERIALS	Pressed ceramic tiles / Ceramic Tiles	Dimension–Length	IS 13630 (Part–1)
42	MECHANICAL- BUILDINGS MATERIALS	Pressed ceramic tiles / Ceramic Tiles	Water Absorption	IS 13630:(Part 2)
43	MECHANICAL- SOIL AND ROCK	Soil	California Bearing Ratio	IS 2720 (Part–16)
44	MECHANICAL- SOIL AND ROCK	Soil	Heavy Compaction – MDD	IS 2720 (Part–8)
45	MECHANICAL- SOIL AND ROCK	Soil	Heavy Compaction – OMC	IS 2720 (Part–7)
46	MECHANICAL- SOIL AND ROCK	Soil	Light Compaction – MDD	IS 2720 (Part–8)
47	MECHANICAL- SOIL AND ROCK	Soil	Light Compaction – OMC	IS 2720 (Part–7)
48	MECHANICAL- SOIL AND ROCK	Soil	Liquid Limit	IS 2720 (Part–5)
49	MECHANICAL- SOIL AND ROCK	Soil	Plastic Limit	IS 2720 (Part–5)
50	MECHANICAL- SOIL AND ROCK	Soil	Sieve Analysis (0.075 to 125 mm sieve size)	IS 2720 (Part–4)
51	MECHANICAL- SOIL AND ROCK	Soil	Specific Gravity	IS 2720 (Part–3), Section 2