National Accreditation Board for Testing and Calibration Laboratories

SCOPE OF ACCREDITATION

Laboratory Name : VINAYAK CONSULTANCY SERVICES, 182, GIDC PHASE - 2, RAJPIPLA, GUJARAT, INDIA

Accreditation Standard ISO/IEC 17025:2017

Certificate Number TC-6509 **Page No** 1 of 4

Validity 24/06/2022 to 23/06/2024 **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	Aggregate-Coarse	Abrasion Value-Los Angeles	IS 2386 (Part 4)
2	MECHANICAL- BUILDINGS MATERIALS	Aggregate-Coarse	Bulk Density	IS 2386 (Part 3)
3	MECHANICAL- BUILDINGS MATERIALS	Aggregate-Coarse	Crushing Value	IS 2386 (Part 4)
4	MECHANICAL- BUILDINGS MATERIALS	Aggregate-Coarse	Elongation Index	IS 2386 (Part 1)
5	MECHANICAL- BUILDINGS MATERIALS	Aggregate-Coarse	Flakiness Index	IS 2386 (Part 1)
6	MECHANICAL- BUILDINGS MATERIALS	Aggregate-Coarse	Impact Value	IS 2386 (Part 4)
7	MECHANICAL- BUILDINGS MATERIALS	Aggregate-Coarse	Sieve Analysis (Sieve size: 90mm, 80mm, 63mm, 50mm, 40mm, 25mm, 20mm,16 mm,12.5mm,10mm,6.3mm,4.75mm, 2.36mm, 1.18mm , 600 µ & 300 µ)	IS 2386 (Part 1)
8	MECHANICAL- BUILDINGS MATERIALS	Aggregate-Coarse	Specific Gravity	IS 2386 (Part 3)
9	MECHANICAL- BUILDINGS MATERIALS	Aggregate-Coarse	Water Absorption	IS 2386 (Part 3)
10	MECHANICAL- BUILDINGS MATERIALS	Aggregate-Fine	Bulk Density	IS 2386 (Part 3)
11	MECHANICAL- BUILDINGS MATERIALS	Aggregate-Fine	Material Finer than 75 Micron	IS 2386 (Part 1)
12	MECHANICAL- BUILDINGS MATERIALS	Aggregate-Fine	Sieve Analysis (sieve size:10mm, 4.75mm, 2.36mm,1.18mm ,600µ, 300 µ & 150µ)	IS 2386 (Part 1)
13	MECHANICAL- BUILDINGS MATERIALS	Aggregate-Fine	Specific Gravity	IS 2386 (Part 3)
14	MECHANICAL- BUILDINGS MATERIALS	Aggregate-Fine	Water Absorption	IS 2386 (Part 3)
15	MECHANICAL- BUILDINGS MATERIALS	Bitumen	Absolute Viscosity	IS 1206 (Part 2)
16	MECHANICAL- BUILDINGS MATERIALS	Bitumen	Ductility	IS 1208

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17	MECHANICAL- BUILDINGS MATERIALS	Bitumen	Kinematic Viscosity	IS 1206 (Part 3)
18	MECHANICAL- BUILDINGS MATERIALS	Bitumen	Penetration	IS 1203
19	MECHANICAL- BUILDINGS MATERIALS	Bitumen	Softening Point	IS 1205
20	MECHANICAL- BUILDINGS MATERIALS	Bitumen	Specific Gravity	IS 1202
21	MECHANICAL- BUILDINGS MATERIALS	Bituminous Mix	Binder Content	IRC SP-11, Appendix 5 Clause C
22	MECHANICAL- BUILDINGS MATERIALS	Bituminous Mix	Density	ASTM D 2726
23	MECHANICAL- BUILDINGS MATERIALS	Bituminous Mix	Marshall Flow	ASTM D 6927
24	MECHANICAL- BUILDINGS MATERIALS	Bituminous Mix	Marshall Stability	ASTM D 6927
25	MECHANICAL- BUILDINGS MATERIALS	Bricks (Burnt Clay/Fly Ash)	Water Absorption	IS 3495 (Part 2)
26	MECHANICAL- BUILDINGS MATERIALS	Bricks(Burnt Clay/Fly Ash)	Compressive Strength	IS 3495 (Part 1)
27	MECHANICAL- BUILDINGS MATERIALS	Bricks(Burnt Clay/Fly Ash)	Efflorescence	IS 3495 (Part 3)
28	MECHANICAL- BUILDINGS MATERIALS	Cement (OPC/PPC)	Compressive Strength	IS 4031 (Part 6)
29	MECHANICAL- BUILDINGS MATERIALS	Cement (OPC/PPC)	Density	IS 4031 (Part 11)
30	MECHANICAL- BUILDINGS MATERIALS	Cement (OPC/PPC)	Final Setting Time	IS 4031 (Part 5)
31	MECHANICAL- BUILDINGS MATERIALS	Cement (OPC/PPC)	Fineness by Blaine's Air Permeability	IS 4031 (Part 2)
32	MECHANICAL- BUILDINGS MATERIALS	Cement (OPC/PPC)	Fineness by Dry Sieving	IS 4031 (Part 1)
33	MECHANICAL- BUILDINGS MATERIALS	Cement (OPC/PPC)	Initial Setting Time	IS 4031 (Part 5)
34	MECHANICAL- BUILDINGS MATERIALS	Cement (OPC/PPC)	Soundness by Le-Chatelier Method	IS 4031 (Part 3)
35	MECHANICAL- BUILDINGS MATERIALS	Cement (OPC/PPC)	Standard Consistency	IS 4031 (Part 4)

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36	MECHANICAL- BUILDINGS MATERIALS	Concrete	Compressive Strength- Cube	IS 516
37	MECHANICAL- BUILDINGS MATERIALS	Concrete	Flexural Strength	IS 516
38	MECHANICAL- BUILDINGS MATERIALS	Concrete	Slump	IS 1199
39	MECHANICAL- BUILDINGS MATERIALS	Dimension -Fly Ash Bricks	Dimension- Length	IS 12894
40	MECHANICAL- BUILDINGS MATERIALS	Dimension- Burnt Clay Bricks	Dimension-Width	IS 1077
41	MECHANICAL- BUILDINGS MATERIALS	Dimension- Fly Ash Bricks	Dimension-Height	IS 12894
42	MECHANICAL- BUILDINGS MATERIALS	Dimension- Fly Ash Bricks	Dimension-Width	IS 12894
43	MECHANICAL- BUILDINGS MATERIALS	Dimension-Burnt Clay Bricks	Dimension-Height	IS 1077
44	MECHANICAL- BUILDINGS MATERIALS	Dimensions-Burnt Clay Bricks	Dimension -Length	IS 1077
45	MECHANICAL- BUILDINGS MATERIALS	Precast Concrete Paving Block	Compressive strength	IS 15658 Annex D
46	MECHANICAL- BUILDINGS MATERIALS	Precast Concrete Paving Block	Water Absorption	IS 15658, Annex C
47	MECHANICAL- SOIL AND ROCK	Soil	California Bearing Ratio	IS 2720 (Part 16)
48	MECHANICAL- SOIL AND ROCK	Soil	Consolidation- Cc	IS 2720 (Part 15)
49	MECHANICAL- SOIL AND ROCK	Soil	Consolidation-Pc	IS 2720 (Part 15)
50	MECHANICAL- SOIL AND ROCK	Soil	Direct Shear (C)	IS 2720 (Part 13)
51	MECHANICAL- SOIL AND ROCK	Soil	Direct Shear (ø)	IS 2720 (Part 13)
52	MECHANICAL- SOIL AND ROCK	Soil	Free Swell Index	IS 2720 (Part-40)
53	MECHANICAL- SOIL AND ROCK	Soil	Heavy Compaction- OMC	IS 2720 (Part-8)
54	MECHANICAL- SOIL AND ROCK	Soil	Heavy Compaction-MDD	IS 2720 (Part-8)

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55	MECHANICAL- SOIL AND ROCK	Soil	Light Compaction -MDD	IS 2720 (Part-7)
56	MECHANICAL- SOIL AND ROCK	Soil	Light Compaction-OMC	IS 2720 (Part-7)
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	Sieve Analysis (Sieve size:80mm, 63mm, 40mm, 25mm, 10mm, 6.3mm, 4.75mm, 2 mm, 600 µ, 425 µ, 212 µ & 75 µ)	IS 2720 (Part-4)
60	MECHANICAL- SOIL AND ROCK	Soil	Specific Gravity	IS 2720 (Part-3/Sec-1)