National Accreditation Board for Testing and Calibration Laboratories

SCOPE OF ACCREDITATION

Laboratory Name : MICRO CONSULTANCY SERVICES, A-1/B-2, KRISHNA PARK SOCIETY, ANDHARVADI NAKU, PANVADI, VYARA, TAPI, GUJARAT, INDIA

Accreditation Standard ISO/IEC 17025:2017

Certificate Number TC-5782 **Page No** 1 of 5

Validity 12/06/2022 to 11/06/2024 **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	Autoclave Cellular (Aerated) Concrete Blocks	Block Density	IS 2185 (Part 3)
2	MECHANICAL- BUILDINGS MATERIALS	Autoclave Cellular (Aerated) Concrete Blocks	Compressive Strength	IS 2185 (Part 3)
3	MECHANICAL- BUILDINGS MATERIALS	Autoclave Cellular (Aerated) Concrete Blocks	Dimension	IS 2185 (Part 3)
4	MECHANICAL- BUILDINGS MATERIALS	Bitumen	Ductility	IS 1208
5	MECHANICAL- BUILDINGS MATERIALS	Bitumen	Absolute Viscocity	IS 1206 (Part 2)
6	MECHANICAL- BUILDINGS MATERIALS	Bitumen	Kinematics Viscosity	IS 1206 (Part 3)
7	MECHANICAL- BUILDINGS MATERIALS	Bitumen	Penetration	IS 1203
8	MECHANICAL- BUILDINGS MATERIALS	Bitumen	Softening Point	IS 1205
9	MECHANICAL- BUILDINGS MATERIALS	Bitumen	Specific Gravity	IS 1202
10	MECHANICAL- BUILDINGS MATERIALS	Bitumen-Mix	Binder Content	ASTM D 2172
11	MECHANICAL- BUILDINGS MATERIALS	Bitumen-Mix	Density	ASTM D 2726
12	MECHANICAL- BUILDINGS MATERIALS	Bitumen-Mix	Flow Test	ASTM D 6927
13	MECHANICAL- BUILDINGS MATERIALS	Bitumen-Mix	Marshal Stability	ASTM D 6927
14	MECHANICAL- BUILDINGS MATERIALS	Brick Clay/Fly-ash/Fly-ash Lime	Compressive Strength	IS 3495 (Part 1)
15	MECHANICAL- BUILDINGS MATERIALS	Brick Clay/Fly-ash/Fly-ash Lime	Dimension	IS 1077 / 13757
16	MECHANICAL- BUILDINGS MATERIALS	Brick Clay/Fly-ash/Fly-ash Lime	Efflorescence	IS 3495 (Part 3)
17	MECHANICAL- BUILDINGS MATERIALS	Brick Clay/Fly-ash/Fly-ash Lime	Water Absorption	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 Blaine's Method	IS 4031 (Part 2)
22	MECHANICAL- BUILDINGS MATERIALS	Cement	Initial Setting Time	IS 4031 (Part 5)
23	MECHANICAL- BUILDINGS MATERIALS	Cement	Soundness by Le-Chatelier Method	IS 4031 (Part 3)
24	MECHANICAL- BUILDINGS MATERIALS	Coarse Aggregate	Alkali Aggregate Reactivity(a) Reduction of Alkalinity (RC)	IS 2386 (Part 7)
25	MECHANICAL- BUILDINGS MATERIALS	Coarse Aggregate	Alkali Aggregate Reactivity(b) Dissolved Silica(SC)	IS 2386 (Part 7)
26	MECHANICAL- BUILDINGS MATERIALS	Coarse Aggregate	Bulk Density	IS 2386 (Part 3)
27	MECHANICAL- BUILDINGS MATERIALS	Coarse Aggregate	Crushing Value	IS 2386 (Part 4)
28	MECHANICAL- BUILDINGS MATERIALS	Coarse Aggregate	Elongation Index	IS 2386 (Part 1)
29	MECHANICAL- BUILDINGS MATERIALS	Coarse Aggregate	Flakiness Index	IS 2386 (Part 1)
30	MECHANICAL- BUILDINGS MATERIALS	Coarse Aggregate	Impact Value	IS 2386 (Part 4)
31	MECHANICAL- BUILDINGS MATERIALS	Coarse Aggregate	Loss Angles Abrasion Value	IS 2386 (Part 4)
32	MECHANICAL- BUILDINGS MATERIALS	Coarse Aggregate	Sieve Analysis	IS 2386 (Part 1)
33	MECHANICAL- BUILDINGS MATERIALS	Coarse Aggregate	Soundness by Sodium Sulphate	IS 2386 (Part 5)
34	MECHANICAL- BUILDINGS MATERIALS	Coarse Aggregate	Specific Gravity	IS 2386 (Part 3)
35	MECHANICAL- BUILDINGS MATERIALS	Coarse Aggregate	Ten Percent Fines Value	IS 2386 (Part 4)
36	MECHANICAL- BUILDINGS MATERIALS	Coarse Aggregate	Water Absorption	IS 2386 (Part 3)
37	MECHANICAL- BUILDINGS MATERIALS	Concrete	Compressive Strength	IS 516

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38	MECHANICAL- BUILDINGS MATERIALS	Concrete	Flexural Beam	IS 516
39	MECHANICAL- BUILDINGS MATERIALS	Concrete	Split Tensile Strength	IS 5816
40	MECHANICAL- BUILDINGS MATERIALS	Concrete (Fresh Concrete)	Slump Test	IS 1199
41	MECHANICAL- BUILDINGS MATERIALS	Concrete Paver Blocks	Compressive Strength	IS 15658
42	MECHANICAL- BUILDINGS MATERIALS	Concrete Paver Blocks	Water Absorption	IS 15658
43	MECHANICAL- BUILDINGS MATERIALS	Fine Aggregate	Bulk Density	IS 2386 (Part 3)
44	MECHANICAL- BUILDINGS MATERIALS	Fine Aggregate	Finer than 75 Micron	IS 2386 (Part 1)
45	MECHANICAL- BUILDINGS MATERIALS	Fine Aggregate	Sieve Analysis	IS 2386 (Part 1)
46	MECHANICAL- BUILDINGS MATERIALS	Fine Aggregate	Soundness by Sodium Sulphate	IS 2386 (Part 5)
47	MECHANICAL- BUILDINGS MATERIALS	Fine Aggregate	Specific Gravity	IS 2386 (Part 3)
48	MECHANICAL- BUILDINGS MATERIALS	Fine Aggregate	Water Absorption	IS 2386 (Part 3)
49	MECHANICAL- SOIL AND ROCK	Soil	California Bearing Ratio	IS 2720 (Part 16)
50	MECHANICAL- SOIL AND ROCK	Soil	Consolidation Test	IS 2720 (Part 15)
51	MECHANICAL- SOIL AND ROCK	Soil	Direct Shear Test	IS 2720 (Part 13)
52	MECHANICAL- SOIL AND ROCK	Soil	Free Swell Index	IS 2720 (Part 40)
53	MECHANICAL- SOIL AND ROCK	Soil	Grain Size Analysis (Wet Analysis)	IS 2720 (Part 4)
54	MECHANICAL- SOIL AND ROCK	Soil	Heavy Compaction	IS 2720 (Part 8)
55	MECHANICAL- SOIL AND ROCK	Soil	Hydrometer Analysis	IS 2720 (Part 4)
56	MECHANICAL- SOIL AND ROCK	Soil	Light Compaction	IS 2720 (Part 7)

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57	MECHANICAL- SOIL AND ROCK	Soil	Liquid Limit	IS 2720 (Part 5)
58	MECHANICAL- SOIL AND ROCK	Soil	Moisture Content	IS 2720 (Part 2)
59	MECHANICAL- SOIL AND ROCK	Soil	Plastic Limit	IS 2720 (Part 5)
60	MECHANICAL- SOIL AND ROCK	Soil	Shrinkage Limit	IS 2720 (Part 4)
61	MECHANICAL- SOIL AND ROCK	Soil	Specific Gravity	IS 2720 (Part 3)
62	MECHANICAL- SOIL AND ROCK	Soil	Triaxial (UU) Friction Angle	IS 2720 (Part 11)
63	MECHANICAL- SOIL AND ROCK	Soil	Triaxial (UU), Cohesion	IS 2720 (Part 11)
64	MECHANICAL- SOIL AND ROCK	Soil	Unconfined Compression Strength	IS 2720 (Part 10)

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Site Facility				
1	MECHANICAL- SOIL AND ROCK	Soil Field Test	Determination of Dry Density of Soil in Place by Core-Cutter Method	IS 2720 (Part 28)
2	MECHANICAL- SOIL AND ROCK	Soil Field Test	Dry Density of Soil in Place by Sand Replacement Method	IS 2720 (Part 28)
3	MECHANICAL- SOIL AND ROCK	Soil Field Test	Field CBR Test	IRC 37 /ASTM D-6951