National Accreditation Board for Testing and Calibration Laboratories

SCOPE OF ACCREDITATION

Laboratory Name : QUALIZ MATERIAL TESTING AND RESEARCH CENTRE PVT LTD, QUARTER NO 4, SBI COLONY NO 1, AKOLA, MAHARASHTRA, INDIA

Accreditation Standard ISO/IEC 17025:2017

Certificate Number TC-10359 **Page No** 1 of 5

Validity 28/02/2022 to 27/02/2024 **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)	10% Fines Value	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 4.75 mm to 80 mm)	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)	Particle finer than 75 micron	IS 2386 (Part 1)
12	MECHANICAL- BUILDINGS MATERIALS	Aggregate (Fine)	Sieve Analysis (Sieve Size 10 mm to 0.075 mm)	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	Autoclave Cellular Aerated Concrete Blocks	Block Density	IS 6441 (Part 5)
16	MECHANICAL- BUILDINGS MATERIALS	Autoclave Cellular Aerated Concrete Blocks	Compressive Strength	IS 6441 (Part 5)
17	MECHANICAL- BUILDINGS MATERIALS	Autoclave Cellular Aerated Concrete Blocks	Dimensions Length	IS 2185 (Part 3)
18	MECHANICAL- BUILDINGS MATERIALS	Autoclave Cellular Aerated Concrete Blocks	Moisture Content	IS 6441 (Part 1)

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19	MECHANICAL- BUILDINGS MATERIALS	Autoclave Cellular Aerated Concrete Blocks	Thickness	IS 2185 (Part 3)
20	MECHANICAL- BUILDINGS MATERIALS	Autoclave Cellular Aerated Concrete Blocks	Water Absorption	IS 2185 (Part 1)
21	MECHANICAL- BUILDINGS MATERIALS	Autoclave Cellular Aerated Concrete Blocks	Width	IS 2185 (Part 3)
22	MECHANICAL- BUILDINGS MATERIALS	Bitumen	Ductility	IS 1208
23	MECHANICAL- BUILDINGS MATERIALS	Bitumen	Flash & Fire Point	IS 1209
24	MECHANICAL- BUILDINGS MATERIALS	Bitumen	Penetration	IS 1203
25	MECHANICAL- BUILDINGS MATERIALS	Bitumen	Softening Point	IS 1205
26	MECHANICAL- BUILDINGS MATERIALS	Bitumen	Specific Gravity	IS 1202
27	MECHANICAL- BUILDINGS MATERIALS	Bituminous Mix	Binder Content	ASTM-D (2172)
28	MECHANICAL- BUILDINGS MATERIALS	Bricks	Compressive Strength	IS 3495 (Part 1)
29	MECHANICAL- BUILDINGS MATERIALS	Bricks	Dimension - Width	IS 1077
30	MECHANICAL- BUILDINGS MATERIALS	Bricks	Dimensions - Height	IS 1077
31	MECHANICAL- BUILDINGS MATERIALS	Bricks	Dimensions - Length	IS 1077
32	MECHANICAL- BUILDINGS MATERIALS	Bricks	Efflorescence	IS 3495 (Part 3)
33	MECHANICAL- BUILDINGS MATERIALS	Bricks	Water Absorption	IS 3495 (Part 2)
34	MECHANICAL- BUILDINGS MATERIALS	Cement - OPC, PPC, PSC	Compressive Strength	IS 4031 (Part 6)
35	MECHANICAL- BUILDINGS MATERIALS	Cement - OPC, PPC, PSC	Consistency	IS 4031 (Part 4)
36	MECHANICAL- BUILDINGS MATERIALS	Cement - OPC, PPC, PSC	Density	IS 4031 (Part 11)
37	MECHANICAL- BUILDINGS MATERIALS	Cement - OPC, PPC, PSC	Final Setting Time	IS 4031 (Part 5)

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38	MECHANICAL- BUILDINGS MATERIALS	Cement - OPC, PPC, PSC	Fineness by Blain Air Permeability	IS 4031 (Part 2)
39	MECHANICAL- BUILDINGS MATERIALS	Cement - OPC, PPC, PSC	Initial Setting Time	IS 4031 (Part 5)
40	MECHANICAL- BUILDINGS MATERIALS	Cement - OPC, PPC, PSC	Soundness by Le-Chateliers	IS 4031 (Part 3)
41	MECHANICAL- BUILDINGS MATERIALS	Cement Concrete Tile	Dimension – Length	IS 13801
42	MECHANICAL- BUILDINGS MATERIALS	Cement Concrete Tile	Thickness	IS 13801
43	MECHANICAL- BUILDINGS MATERIALS	Cement Concrete Tile	Water Absorption	IS 13801
44	MECHANICAL- BUILDINGS MATERIALS	Cement Concrete Tile	Width	IS 13801
45	MECHANICAL- BUILDINGS MATERIALS	Ceramic Tiles	Dimension	IS 13630 (Part 1)
46	MECHANICAL- BUILDINGS MATERIALS	Concrete Beam	Flexural Strength	IS 516
47	MECHANICAL- BUILDINGS MATERIALS	Concrete cube & Core	Compressive Strength	IS 516
48	MECHANICAL- BUILDINGS MATERIALS	Paving Block	Compressive Strength	IS 15658
49	MECHANICAL- BUILDINGS MATERIALS	Paving Block	Dimension - Height	IS 15658
50	MECHANICAL- BUILDINGS MATERIALS	Paving Block	Dimension - Length	IS 15658
51	MECHANICAL- BUILDINGS MATERIALS	Paving Block	Dimension -Width	IS 15658
52	MECHANICAL- BUILDINGS MATERIALS	Paving Block	Water Absorption	IS 15658
53	MECHANICAL- BUILDINGS MATERIALS	Vitrified Tiles	Water Absorption	IS 13630 (Part 2)
54	MECHANICAL- SOIL AND ROCK	Rocks	Unconfined Compressive Strength	IS 9143
55	MECHANICAL- SOIL AND ROCK	Soil	California Bearing Ratio	IS 2720 (Part 16)
56	MECHANICAL- SOIL AND ROCK	Soil	Free Swell Index	IS 2720: (Part 40)

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57	MECHANICAL- SOIL AND ROCK	Soil	Grain Size Analysis 0.075 to 19 mm (Wet & Dry Analysis)	IS 2720 (Part 4)
58	MECHANICAL- SOIL AND ROCK	Soil	Heavy Compaction (Maximum Dry Density)	IS 2720 (Part 8)
59	MECHANICAL- SOIL AND ROCK	Soil	Light Compaction (Maximum Dry Density)	IS 2720 (Part 7)
60	MECHANICAL- SOIL AND ROCK	Soil	Liquid Limit By Casagrade Apparatus	IS 2720 (Part 5)
61	MECHANICAL- SOIL AND ROCK	Soil	Natural Moisture Content	IS 2720 (Part 2)
62	MECHANICAL- SOIL AND ROCK	Soil	Optimum Moisture Content (Heavy Compaction)	IS 2720 (Part 8)
63	MECHANICAL- SOIL AND ROCK	Soil	Optimum Moisture Content (Light Compaction)	IS 2720 (Part 7)
64	MECHANICAL- SOIL AND ROCK	Soil	Plastic limit	IS 2720 (Part 5)
65	MECHANICAL- SOIL AND ROCK	Soil	Shrinkage Limit	IS 2720 (Part 6)
66	MECHANICAL- SOIL AND ROCK	Soil	Specific gravity	IS 2720 (Part 3)

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Site Facility				
1	MECHANICAL- SOIL AND ROCK	Soil	In Situ Density By Core Cutter	IS 2720 (Part 29)
2	MECHANICAL- SOIL AND ROCK	Soil	In Situ Density By Sand Replacement	IS 2720 (Part 28)
3	MECHANICAL- SOIL AND ROCK	Soil	Standard Penetration Test	IS 2131