National Accreditation Board for Testing and Calibration Laboratories

SCOPE OF ACCREDITATION

Laboratory Name :	COSDIQ LAB FOR CONSTRUCTION SERVICES, COSDIQ QUALITY CONTROL LLP, PLOT NO: 47A & 47B INKEL OORAKAM, MELMURI (PO), KARATHODE, PANAKKAD, MALAPPURAM, KERALA, INDIA
Accreditation Standard	ISO/IEC 17025:2017
Certificate Number	TC-9337
Validity	23/03/2021 to 22/03/2023

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	Autoclaved aerated concrete cubes	Block density	IS 6441 (Part 1)
2	MECHANICAL- BUILDINGS MATERIALS	Autoclaved aerated concrete cubes	Compressive strength	IS 6441 (Part 5)
3	MECHANICAL- BUILDINGS MATERIALS	Bitumen	Binder Content	IS:13826 (Part 7)
4	MECHANICAL- BUILDINGS MATERIALS	Bitumen	Density	ASTM D2720
5	MECHANICAL- BUILDINGS MATERIALS	Bitumen	Stripping Value	IS: 6241
6	MECHANICAL- BUILDINGS MATERIALS	Building Bricks	Compressive Strength	IS 3495 (Part 1)
7	MECHANICAL- BUILDINGS MATERIALS	Building Bricks	Dimension - Length	IS 3495
8	MECHANICAL- BUILDINGS MATERIALS	Building Bricks	Dimension - Thickness	IS 3495
9	MECHANICAL- BUILDINGS MATERIALS	Building Bricks	Dimension - Width	IS 3495
10	MECHANICAL- BUILDINGS MATERIALS	Building Bricks	Efflorescence	IS 3495 (Part 3)
11	MECHANICAL- BUILDINGS MATERIALS	Building Bricks	Water Absorption	IS 3495 (Part 2)
12	MECHANICAL- BUILDINGS MATERIALS	Cement (OPC & PPC)	Consistency	IS:4031(Part 4)
13	MECHANICAL- BUILDINGS MATERIALS	Cement (OPC & PPC)	Final Setting Time	IS:4031 (Part 5)
14	MECHANICAL- BUILDINGS MATERIALS	Cement (OPC & PPC)	Initial Setting Time	IS:4031 (Part 5)
15	MECHANICAL- BUILDINGS MATERIALS	Coarse Aggregate	Flakiness Index	IS:2386 (Part1)
16	MECHANICAL- BUILDINGS MATERIALS	Coarse Aggregate	Particle finer than 75 micron	IS 2386 (Part 1)
17	MECHANICAL- BUILDINGS MATERIALS	Coarse Aggregate	10 % fines value	IS 2386 (Part 4)
18	MECHANICAL- BUILDINGS MATERIALS	Coarse Aggregate	Bulk Density (Loose & Rodded)	IS:2386 (Part 3)

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19	MECHANICAL- BUILDINGS MATERIALS	Coarse Aggregate	Clay Lumps	IS 2386 (Part 2)
20	MECHANICAL- BUILDINGS MATERIALS	Coarse Aggregate	Crushing Value	IS:2386 (Part 4)
21	MECHANICAL- BUILDINGS MATERIALS	Coarse Aggregate	Elongation Index	IS:2386 (Part1)
22	MECHANICAL- BUILDINGS MATERIALS	Coarse Aggregate	Impact Value	IS:2386 (Part 4)
23	MECHANICAL- BUILDINGS MATERIALS	Coarse Aggregate	Sieve Analysis	IS:2386 (Part 1)
24	MECHANICAL- BUILDINGS MATERIALS	Coarse Aggregate	Specific Gravity	IS:2386 (Part 3)
25	MECHANICAL- BUILDINGS MATERIALS	Coarse Aggregate	Water Absorption	IS:2386 (Part 3)
26	MECHANICAL- BUILDINGS MATERIALS	Concrete Admixture	Workability (Slump)	IS 1199
27	MECHANICAL- BUILDINGS MATERIALS	Concrete Blocks	Compressive Strength	IS 516
28	MECHANICAL- BUILDINGS MATERIALS	Concrete Cube	Accelerated Curing Test	IS 9013
29	MECHANICAL- BUILDINGS MATERIALS	Fine Aggregate	Particle finer than 75 micron	IS 2386 (Part 1)
30	MECHANICAL- BUILDINGS MATERIALS	Fine Aggregate	Bulk Density	IS:2386 (Part 3)
31	MECHANICAL- BUILDINGS MATERIALS	Fine Aggregate	Clay Lumps	IS 2386 (part 2)
32	MECHANICAL- BUILDINGS MATERIALS	Fine Aggregate	Sieve Analysis	IS:2386 (Part1)
33	MECHANICAL- BUILDINGS MATERIALS	Fine Aggregate	Specific Gravity	IS:2386 (Part 3)
34	MECHANICAL- BUILDINGS MATERIALS	Fine Aggregate	Water Absorption	IS:2386 (Part 3)
35	MECHANICAL- BUILDINGS MATERIALS	Hollow/ Solid Concrete Blocks	Dimension - Length	IS 2185 (Part 1)
36	MECHANICAL- BUILDINGS MATERIALS	Hollow/ Solid Concrete Blocks	Water Absorption	IS 2185 (Part1)
37	MECHANICAL- BUILDINGS MATERIALS	Hollow/Solid Concrete Blocks	Block density	IS 2185 (Part 1)

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38	MECHANICAL- BUILDINGS MATERIALS	Hollow/Solid Concrete Blocks	Compressive Strength	IS 2185(Part 1)
39	MECHANICAL- BUILDINGS MATERIALS	Hollow/Solid Concrete Blocks	Dimension - Thickness	IS 2185 (Part 1)
40	MECHANICAL- BUILDINGS MATERIALS	Hollow/Solid Concrete Blocks	Dimension - Width	IS 2185 (Part 1)
41	MECHANICAL- BUILDINGS MATERIALS	Paver Block	Compressive Strength	IS 15658
42	MECHANICAL- BUILDINGS MATERIALS	Paver Block	Water Absorption	IS 15658
43	MECHANICAL- SOIL AND ROCK	Granular Sub Base (GSB)	Grading (Sieve Analysis)	IS:2386 (Part1)
44	MECHANICAL- SOIL AND ROCK	Soil	California Bearing Ratio Test (CBR)	IS:2720 (Part 16)
45	MECHANICAL- SOIL AND ROCK	Soil	Liquid Limit	IS 2720 (Part 5)
46	MECHANICAL- SOIL AND ROCK	Soil	Maximum Dry Density (MDD)	IS:2720 (Part 7)
47	MECHANICAL- SOIL AND ROCK	Soil	Plastic Limit	IS 2720 (Part 5)
48	MECHANICAL- SOIL AND ROCK	Soil	Sieve Analysis	IS:2720 (Part 4)
49	MECHANICAL- SOIL AND ROCK	Soil	Water content	IS 2720 (Part 2)
50	MECHANICAL- SOIL AND ROCK	WMM	Gradation (sieve Analysis)	IS:2386 (Part1)

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Site Facility				
1	MECHANICAL- SOIL AND ROCK	Granular Sub Base (GSB)	Field Density by Sand Replacement Method	IS 2720 (Part 28)
2	MECHANICAL- SOIL AND ROCK	Soil	Dry Density Test by Core cutter method	IS 2720 (Part 29)
3	MECHANICAL- SOIL AND ROCK	Soil	Dry Density Test By Sand Replacement Method	IS 2720 (Part28)
4	MECHANICAL- SOIL AND ROCK	WMM	Field Density Test by sand replacement	IS 2720 (Part 28)