National Accreditation Board for Testing and Calibration Laboratories

SCOPE OF ACCREDITATION

Laboratory Name : CIDCO MATERIAL TESTING LABORATORY, SHOP NO.-D-001,002,003, GROUND FLOOR, HIGHWAY SIDE, SANPADA RAILWAY STATION, NAVI MUMBAI, THANE, MAHARASHTRA, INDIA

Accreditation Standard ISO/IEC 17025:2017

Certificate Number TC-8819 **Page No** 1 of 4

Validity 29/01/2022 to 28/01/2024 **Last Amended on** 16/06/2022

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	Hydraulic Cement, OPC -33,43 & 53 grade,PSC & PPC	Soundness by Le-chateliers	IS 4031 (Part 3)
2	MECHANICAL- BUILDINGS MATERIALS	Autoclaved Cellular Concrete Blocks	Bulk Density	IS 6441 (Part 1)
3	MECHANICAL- BUILDINGS MATERIALS	Autoclaved Cellular Concrete Blocks	Compressive Strength	IS 6441 (PART 5)
4	MECHANICAL- BUILDINGS MATERIALS	Autoclaved Cellular Concrete Blocks	Moisture Content	IS 6441 (Part 1)
5	MECHANICAL- BUILDINGS MATERIALS	Bitumen	Penetration	IS 1203
6	MECHANICAL- BUILDINGS MATERIALS	Bricks	Compressive strength	IS 3495 (Part 1)
7	MECHANICAL- BUILDINGS MATERIALS	Bricks	Water Absorption	IS 3495 (PART 2)
8	MECHANICAL- BUILDINGS MATERIALS	Coarse Aggregate	Bulk Density	IS 2386 (Part 3)
9	MECHANICAL- BUILDINGS MATERIALS	Coarse Aggregate	Crushing Value	IS 2386 (Part 4)
10	MECHANICAL- BUILDINGS MATERIALS	Coarse Aggregate	Elongation Index	IS 2386 (Part 1)
11	MECHANICAL- BUILDINGS MATERIALS	Coarse Aggregate	Flakiness Index	IS 2386 : (Part 1)
12	MECHANICAL- BUILDINGS MATERIALS	Coarse Aggregate	Impact Value	IS 2386 (Part 4)
13	MECHANICAL- BUILDINGS MATERIALS	Coarse Aggregate	Sieve Analysis (80mm, 63mm,40mm,20mm,16mm,12.5mm,10mm,4.75mm and 2.36mm)	IS 2386 (Part 1)
14	MECHANICAL- BUILDINGS MATERIALS	Coarse Aggregate	Specific Gravity	IS 2386 (Part 3)
15	MECHANICAL- BUILDINGS MATERIALS	Coarse Aggregate	Water Absorption	IS 2386 (Part 3)
16	MECHANICAL- BUILDINGS MATERIALS	Concrete	Compressive Strength	IS 516 (Part 1/Sec 1)
17	MECHANICAL- BUILDINGS MATERIALS	Concrete Block - Solid/Hollow	Water Absorption	IS 2185 (Part 1)

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18	MECHANICAL- BUILDINGS MATERIALS	Concrete blocks- Solid/Hollow	Compressive Strength	IS 2185 (Part 1)
19	MECHANICAL- BUILDINGS MATERIALS	Concrete Core	Compressive Strength	IS 516 (Part 4)
20	MECHANICAL- BUILDINGS MATERIALS	Fine Aggregates	Sieve Analysis (10mm,4.75mm, 2.36mm, 1.18mm, 600 micron,300 micron, 150 micron)	IS 2386 (Part 1)
21	MECHANICAL- BUILDINGS MATERIALS	Fine Aggregates	Specific gravity	IS 2386 (Part 3)
22	MECHANICAL- BUILDINGS MATERIALS	Fine Aggregates	Water Absorption	IS 2386 (Part 3)
23	MECHANICAL- BUILDINGS MATERIALS	Fly ash	Compressive Strength	IS 1727
24	MECHANICAL- BUILDINGS MATERIALS	Fly ash	Standard Consistency	IS 1727
25	MECHANICAL- BUILDINGS MATERIALS	Masonry Mortar / Polymer Mortar cubes	Compressive Strength	IS 2250
26	MECHANICAL- BUILDINGS MATERIALS	OPC 33 grade, OPC 43 grade, OPC 53 grade, PPC, Hydraulic Cement, PSC	Normal Consistency	IS 4031 (Part 4)
27	MECHANICAL- BUILDINGS MATERIALS	OPC 33 grade, OPC 43 grade, OPC 53 grade, PSC, PPC, PPC, Hydraulic Cement	Compressive Strength	IS 4031 (Part 6)
28	MECHANICAL- BUILDINGS MATERIALS	OPC 33 grade, OPC 43 grade, OPC 53 grade, PSC, PPC, PPC, Hydraulic Cement	Final Setting Time	IS 4031 (Part 5)
29	MECHANICAL- BUILDINGS MATERIALS	OPC 33 grade, OPC 43 grade, OPC 53 grade, PSC, PPC, PPC, Hydraulic Cement	Initial Setting Time	IS 4031 (Part 5)
30	MECHANICAL- BUILDINGS MATERIALS	Paver Block	Water Absorption	IS 15658
31	MECHANICAL- BUILDINGS MATERIALS	Paver blocks	Compressive Strength	IS 15658
32	MECHANICAL- BUILDINGS MATERIALS	Pozzolanic Material - Flyash	Final Setting Time	IS 1727
33	MECHANICAL- BUILDINGS MATERIALS	Pozzolanic Material - Flyash	Initial Setting Time	IS 1727
34	MECHANICAL- BUILDINGS MATERIALS	Pozzolanic Material - Flyash	Soundness by Le-chateliers	IS 4031 (Part 3)
35	MECHANICAL- BUILDINGS MATERIALS	Reinforcement steel	0.2% Proof Stress/Yield Strength	IS 1608 (Part 1)

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36	MECHANICAL- BUILDINGS MATERIALS	Reinforcement Steel	Bend (16mm, 20mm, 24mm,30mm, 32mm, 36mm, 40mm, 48mm, 50mm, 56mm, 60mm, 64mm, 70mm,72mm, 75mm, 80mm, 84mm, 96mm,100mm, 112mm, 120mm, 125mm,128mm, 140mm, 150mm, 160mm,175mm, 200mm)	IS 1599
37	MECHANICAL- BUILDINGS MATERIALS	Reinforcement steel	Percentage Elongation	IS 1608 (Part 1)
38	MECHANICAL- BUILDINGS MATERIALS	Reinforcement Steel	Re bend (16mm, 20mm, 24mm,30mm, 32mm, 36mm, 40mm, 48mm, 50mm, 56mm, 60mm, 64mm, 70mm,72mm, 75mm, 80mm, 84mm, 96mm,100mm, 112mm, 120mm, 125mm,128mm, 140mm, 150mm, 160mm,175mm, 200mm)	IS 1786
39	MECHANICAL- BUILDINGS MATERIALS	Reinforcement Steel	Ultimate Tensile Strength	IS 1786
40	MECHANICAL- BUILDINGS MATERIALS	Reinforcement steel	Weight per meter	IS 1786
41	MECHANICAL- SOIL AND ROCK	Murum	Free Swell Index	IS 2720 (Part 40)
42	MECHANICAL- SOIL AND ROCK	MURUM	Liquid Limit	IS 2720 (Part 5)
43	MECHANICAL- SOIL AND ROCK	MURUM	Plastic Limit	IS 2720 (Part 5)
44	MECHANICAL- SOIL AND ROCK	Murum / Soil	Grain Size Analysis	IS 2720 (Part 4)
45	MECHANICAL- SOIL AND ROCK	Rock	Apparent Specific Gravity	IS 1124
46	MECHANICAL- SOIL AND ROCK	Rock	Porosity	IS 1124
47	MECHANICAL- SOIL AND ROCK	Rock	Water Absorption	IS 1124
48	MECHANICAL- SOIL AND ROCK	Soil / GSB / Wet Mix	Proctor Density Test - Heavy Compaction - MDD	IS 2720 (Part 8)
49	MECHANICAL- SOIL AND ROCK	Soil / GSB / Wet Mix	Proctor Density Test - Heavy Compaction - OMC	IS 2720 (Part 8)

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50	MECHANICAL- SOIL AND ROCK	Soil / GSB / Wet Mix	Proctor Density Test - Light Compaction - MDD	IS 2720 (Part 7)
51	MECHANICAL- SOIL AND ROCK	Soil / GSB / Wet Mix	Proctor Density Test - Light Compaction - OMC	IS 2720 (Part 8)