National Accreditation Board for Testing and Calibration Laboratories

SCOPE OF ACCREDITATION

Laboratory Name : CIVITECH LABS INDIA PRIVATE LIMITED, PLOT NO./ SHOP NO. S4-41, MEWAR INDUSTRIAL AREA, MADRI, UDAIPUR, RAJASTHAN, INDIA

Accreditation Standard ISO/IEC 17025:2017

Certificate Number TC-10366 **Page No** 1 of 5

Validity 01/03/2022 to 29/02/2024 **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	Burnt Clay Bricks	Compressive Strength	IS 3495 (Part 1)
2	MECHANICAL- BUILDINGS MATERIALS	Burnt Clay Bricks	Efflorescence Test	IS 3495 (Part 4)
3	MECHANICAL- BUILDINGS MATERIALS	Burnt Clay Bricks	Length	IS 1077
4	MECHANICAL- BUILDINGS MATERIALS	Burnt Clay Bricks	Water Absorption	IS 3495 (Part 2)
5	MECHANICAL- BUILDINGS MATERIALS	Burnt Clay Bricks	Width	IS 1077
6	MECHANICAL- BUILDINGS MATERIALS	Burnt Clays Bricks	Height	IS 1077
7	MECHANICAL- BUILDINGS MATERIALS	Cement	Compressive Strength	IS 4031 (Part 6)
8	MECHANICAL- BUILDINGS MATERIALS	Cement	Consistency	IS 4031 (Part 4)
9	MECHANICAL- BUILDINGS MATERIALS	Cement	Density	IS 4031 (Part 11)
10	MECHANICAL- BUILDINGS MATERIALS	Cement	Final Setting Time	IS 4031 (Part 5)
11	MECHANICAL- BUILDINGS MATERIALS	Cement	Fineness by Blaine's Air Permeability	IS 4031 (Part 2)
12	MECHANICAL- BUILDINGS MATERIALS	Cement	Fineness by Dry Sieving	IS 4031 (Part 1)
13	MECHANICAL- BUILDINGS MATERIALS	Cement	Initial Setting Time	IS 4031 (Part 5)
14	MECHANICAL- BUILDINGS MATERIALS	Cement	Soundness (Le-Chatelier Method)	IS 4031 (Part 3)
15	MECHANICAL- BUILDINGS MATERIALS	Coarse Aggregates	Compacted Bulk Density	IS 2386 (Part 3)
16	MECHANICAL- BUILDINGS MATERIALS	Coarse Aggregates	Crushing Value	IS 2386 (Part 4)
17	MECHANICAL- BUILDINGS MATERIALS	Coarse Aggregates	Elongation Index	IS 2386 (Part 1)
18	MECHANICAL- BUILDINGS MATERIALS	Coarse Aggregates	Flakiness Index	IS 2386 (Part 1)

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19	MECHANICAL- BUILDINGS MATERIALS	Coarse Aggregates	Impact Value	IS 2386 (Part 4)
20	MECHANICAL- BUILDINGS MATERIALS	Coarse Aggregates	Loose Bulk Density	IS 2386 (Part 3)
21	MECHANICAL- BUILDINGS MATERIALS	Coarse Aggregates	Los Angeles Abrasion Value	IS 2386 (Part 4)
22	MECHANICAL- BUILDINGS MATERIALS	Coarse Aggregates	Material Finer than 75 µm	IS 2386 (Part 1)
23	MECHANICAL- BUILDINGS MATERIALS	Coarse Aggregates	Sieve Analysis (2.36 mm to 80 mm)	IS 2386 (Part 1)
24	MECHANICAL- BUILDINGS MATERIALS	Coarse Aggregates	Soundness by Na2SO4	IS 2386 (Part 5)
25	MECHANICAL- BUILDINGS MATERIALS	Coarse Aggregates	Soundness by MgSO4	IS 2386 (Part 5)
26	MECHANICAL- BUILDINGS MATERIALS	Coarse Aggregates	Specific Gravity	IS 2386 (Part 3)
27	MECHANICAL- BUILDINGS MATERIALS	Coarse Aggregates	Ten Percent Fines Value	IS 2386 (Part 4)
28	MECHANICAL- BUILDINGS MATERIALS	Coarse Aggregates	Water Absorption	IS 2386 (Part 3)
29	MECHANICAL- BUILDINGS MATERIALS	Coarse Aggregates	Wet Impact	IS 5640
30	MECHANICAL- BUILDINGS MATERIALS	Concrete Core	Compressive Strength	IS 516 (Part 4)
31	MECHANICAL- BUILDINGS MATERIALS	Concrete Cube	Compressive Strength	IS 516 (Part 1, Section 1)
32	MECHANICAL- BUILDINGS MATERIALS	Concrete Cube/ Core	Density	IS 516 (Part 2, Section 1)
33	MECHANICAL- BUILDINGS MATERIALS	Concrete Paving Block	Compressive Strength	IS 15658
34	MECHANICAL- BUILDINGS MATERIALS	Concrete Paving Block	Height	IS 15658
35	MECHANICAL- BUILDINGS MATERIALS	Concrete Paving Block	Length	IS 15658
36	MECHANICAL- BUILDINGS MATERIALS	Concrete Paving Block	Water Absorption	IS 15658
37	MECHANICAL- BUILDINGS MATERIALS	Concrete Paving Block	Width	IS 15658

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38	MECHANICAL- BUILDINGS MATERIALS	Fine Aggregates	Clay Lumps	IS 2386 (Part 2)
39	MECHANICAL- BUILDINGS MATERIALS	Fine Aggregates	Compacted Bulk Density	IS 2386 (Part 3)
40	MECHANICAL- BUILDINGS MATERIALS	Fine Aggregates	Loose Bulk Density	IS 2386 (Part 3)
41	MECHANICAL- BUILDINGS MATERIALS	Fine Aggregates	Material Finer than 75 µm	IS 2386 (Part 1)
42	MECHANICAL- BUILDINGS MATERIALS	Fine Aggregates	Organic Impurities	IS 2386 (Part 2)
43	MECHANICAL- BUILDINGS MATERIALS	Fine Aggregates	Sieve Analysis (0.150 mm to 10 mm)	IS 2386 (Part 1)
44	MECHANICAL- BUILDINGS MATERIALS	Fine Aggregates	Soundness by MgSO4	IS 2386 (Part 5)
45	MECHANICAL- BUILDINGS MATERIALS	Fine Aggregates	Soundness by Na2SO4	IS 2386 (Part 5)
46	MECHANICAL- BUILDINGS MATERIALS	Fine Aggregates	Specific Gravity	IS 2386 (Part 3)
47	MECHANICAL- BUILDINGS MATERIALS	Fine Aggregates	Water Absorption	IS 2386 (Part 3)
48	MECHANICAL- BUILDINGS MATERIALS	Fly ash	Compressive Strength of Pozzolana-Cement Mortar	IS 1727 (Clause 10)
49	MECHANICAL- BUILDINGS MATERIALS	Fly ash	Fineness by Blaine's Air Permeability	IS 1727 (Clause 6.1)
50	MECHANICAL- BUILDINGS MATERIALS	Fly ash	Fineness by Sieving (45 micron to 300 micron)	IS 1727 (Clause 6.2)
51	MECHANICAL- BUILDINGS MATERIALS	Fly ash	Specific Gravity	IS 1727 (Clause 15)
52	MECHANICAL- SOIL AND ROCK	Rock	Apparent Specific Gravity	IS 1124
53	MECHANICAL- SOIL AND ROCK	Rock	Density	IS 13030
54	MECHANICAL- SOIL AND ROCK	Rock	True Specific Gravity	IS 1122
55	MECHANICAL- SOIL AND ROCK	Rock	Unconfined Compressive Strength	IS 9143
56	MECHANICAL- SOIL AND ROCK	Rock	Water Absorption	IS 1124

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57	MECHANICAL- SOIL AND ROCK	Rock	Water Content	IS 13030
58	MECHANICAL- SOIL AND ROCK	Soil	California Bearing Ratio Value	IS 2720 (Part 16)
59	MECHANICAL- SOIL AND ROCK	Soil	Consolidation Properties (Compression Index)	IS 2720 (Part 15)
60	MECHANICAL- SOIL AND ROCK	Soil	Direct Shear Test (Angle of Internal Friction)	IS 2720 (Part 13)
61	MECHANICAL- SOIL AND ROCK	Soil	Direct Shear Test (Cohesion)	IS 2720 (Part 13)
62	MECHANICAL- SOIL AND ROCK	Soil	Expansion Ration	IS 2720 (Part 16)
63	MECHANICAL- SOIL AND ROCK	Soil	Free Swell Index	IS 2720 (Part 40)
64	MECHANICAL- SOIL AND ROCK	Soil	Liquid Limit	IS 2720 (Part 5, Clause 3)
65	MECHANICAL- SOIL AND ROCK	Soil	Maximum Dry Density by Heavy Compaction	IS 2720 (Part 8)
66	MECHANICAL- SOIL AND ROCK	Soil	Maximum Dry Density by Light Compaction	IS 2720 (Part 7)
67	MECHANICAL- SOIL AND ROCK	Soil	Optimum Moisture Content by Heavy Compaction	IS 2720 (Part 8)
68	MECHANICAL- SOIL AND ROCK	Soil	Optimum Moisture Content by Light Compaction	IS 2720 (Part 7)
69	MECHANICAL- SOIL AND ROCK	Soil	Plastic Limit	IS 2720 (Part 5)
70	MECHANICAL- SOIL AND ROCK	Soil	Shrinkage Limit	IS 2720 (Part 6)
71	MECHANICAL- SOIL AND ROCK	Soil	Sieve Analysis (0.075 mm to 75 mm)	IS 2720 (Part 4)
72	MECHANICAL- SOIL AND ROCK	Soil	Specific Gravity	IS 2720 (Part 3, Section 1)
73	MECHANICAL- SOIL AND ROCK	Soil	Unconfined Compressive Strength	IS 2720 (Part 10)
74	MECHANICAL- SOIL AND ROCK	Soil	Unconsolidated Undrained Triaxial Compression Test (Angle of Internal Friction)	IS 2720 (Part 11)

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75	MECHANICAL- SOIL AND ROCK	Soil	Unconsolidated Undrained Triaxial Compression Test (Cohesion)	IS 2720 (Part 11)
76	MECHANICAL- SOIL AND ROCK	Soil	Water Content	IS 2720 (Part 2)