National Accreditation Board for Testing and Calibration Laboratories

SCOPE OF ACCREDITATION

Laboratory Name : CIVIL TECH, PLOT NO. 43, M.I.D.C. INDUSTRIAL AREA, CHIKALTHANA, AURANGABAD, MAHARASHTRA, INDIA

Accreditation Standard ISO/IEC 17025:2017

Certificate Number TC-11271 **Page No** 1 of 4

Validity 08/01/2023 to 07/01/2025 **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	Dimension (Height)	IS 1077
2	MECHANICAL- BUILDINGS MATERIALS	Burnt Clay Bricks	Dimension (Length)	IS 1077
3	MECHANICAL- BUILDINGS MATERIALS	Burnt Clay Bricks	Dimension (Width)	IS 1077
4	MECHANICAL- BUILDINGS MATERIALS	Cement	Consistency	IS 4031 (Part 4)
5	MECHANICAL- BUILDINGS MATERIALS	Cement	Final Setting Time	IS 4031 (Part 5)
6	MECHANICAL- BUILDINGS MATERIALS	Cement	Fineness by Blain Air Permeability	IS 4031 (Part 2)
7	MECHANICAL- BUILDINGS MATERIALS	Cement	Fineness by Dry Sieving	IS 4031 (Part 1)
8	MECHANICAL- BUILDINGS MATERIALS	Cement	Initial Setting Time	IS 4031 (Part 5)
9	MECHANICAL- BUILDINGS MATERIALS	Cement	Soundness by Le-Chatelier Method	IS 4031 (Part 3)
10	MECHANICAL- BUILDINGS MATERIALS	Clay / Fly Ash Bricks	Compressive Strength	IS 3495 (Part 1)
11	MECHANICAL- BUILDINGS MATERIALS	Clay / Fly Ash Bricks	Efflorescence	IS 3495 (Part 3)
12	MECHANICAL- BUILDINGS MATERIALS	Clay / Fly Ash Bricks	Water Absorption	IS 3495 (Part 2)
13	MECHANICAL- BUILDINGS MATERIALS	Coarse Aggregate	Specific Gravity	IS 2386 (Part 3)
14	MECHANICAL- BUILDINGS MATERIALS	Coarse Aggregate	Sieve Analysis (100 mm to 2.36 mm)	IS 2386 (Part 1)
15	MECHANICAL- BUILDINGS MATERIALS	Coarse Aggregate	Bulk Density	IS 2386 (Part 3)
16	MECHANICAL- BUILDINGS MATERIALS	Coarse Aggregate	Crushing Value	IS 2386 (Part 4)
17	MECHANICAL- BUILDINGS MATERIALS	Coarse Aggregate	Elongation Index	IS 2386 (Part 1)
18	MECHANICAL- BUILDINGS MATERIALS	Coarse Aggregate	Flakiness Index	IS 2386 (Part 1)

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19	MECHANICAL- BUILDINGS MATERIALS	Coarse Aggregate	Water Absorption	IS 2386 (Part 3)
20	MECHANICAL- BUILDINGS MATERIALS	Coarse Aggregate	Impact Value	IS 2386 (Part 4)
21	MECHANICAL- BUILDINGS MATERIALS	Concrete Core	Compressive Strength	IS 516 (Part 4)
22	MECHANICAL- BUILDINGS MATERIALS	Fine Aggregate	Bulk Density (Loose & Rodded)	IS 2386 (Part 3)
23	MECHANICAL- BUILDINGS MATERIALS	Fine Aggregate	Water Absorption	IS 2386 (Part 3)
24	MECHANICAL- BUILDINGS MATERIALS	Fine Aggregate	Material finer than 75 µm	IS 2386 (Part 1)
25	MECHANICAL- BUILDINGS MATERIALS	Fine Aggregate	Sieve Analysis (4.75 mm to 75 micron)	IS 2386 (Part 1)
26	MECHANICAL- BUILDINGS MATERIALS	Fine Aggregate	Specific Gravity	IS 2386 (Part 3)
27	MECHANICAL- BUILDINGS MATERIALS	Hardened Concrete Cube/Cylinder	Compressive Strength	IS 516 (Part 1/Section 1)
28	MECHANICAL- BUILDINGS MATERIALS	Paver Blocks	Compressive Strength	IS 15658
29	MECHANICAL- BUILDINGS MATERIALS	Paver Blocks	Water Absorption	IS 15658
30	MECHANICAL- SOIL AND ROCK	Soil	California Bearing Ratio (CBR)	IS 2720 (Part 16)
31	MECHANICAL- SOIL AND ROCK	Soil	Direct Shear Test- Angle of Internal friction	IS 2720 (Part 13)
32	MECHANICAL- SOIL AND ROCK	Soil	Direct Shear Test- Cohesion	IS 2720 (Part 13)
33	MECHANICAL- SOIL AND ROCK	Soil	Free Swell Index	IS 2720 (Part 40)
34	MECHANICAL- SOIL AND ROCK	Soil	Grain Size Analysis (Dry) (75 µm to 40 mm)	IS 2720 (Part 4)
35	MECHANICAL- SOIL AND ROCK	Soil	Heavy Compaction (MDD)	IS 2720 (Part 8)
36	MECHANICAL- SOIL AND ROCK	Soil	Heavy Compaction (OMC)	IS 2720 (Part 8)
37	MECHANICAL- SOIL AND ROCK	Soil	Light Compaction (MDD)	IS 2720 (Part 7)

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38	MECHANICAL- SOIL AND ROCK	Soil	Light Compaction (OMC)	IS 2720 (Part 7)
39	MECHANICAL- SOIL AND ROCK	Soil	Liquid Limit	IS 2720 (Part 5)
40	MECHANICAL- SOIL AND ROCK	Soil	Plastic Limit	IS 2720 (Part 5)
41	MECHANICAL- SOIL AND ROCK	Soil	Shrinkage Limit	IS 2720 (Part 6)
42	MECHANICAL- SOIL AND ROCK	Soil	Specific Gravity	IS 2720 (Part 3/Section 2)
43	MECHANICAL- SOIL AND ROCK	Soil	Water Content	IS 2720 (Part 2)

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Site Facility				
1	MECHANICAL- SOIL AND ROCK	Soil	Plate Load Test (Ultimate Bearing Capacity)	IS 1888
2	MECHANICAL- SOIL AND ROCK	Soil	Dry Density (Core Cutting Method)	IS 2720 (Part 29)
3	MECHANICAL- SOIL AND ROCK	Soil	Dry Density (Sand Replacement Method)	IS 2720 (Part 28)
4	MECHANICAL- SOIL AND ROCK	Soil	Plate Load Test (Settlement)	IS 1888
5	NON-DESTRUCTIVE-BUILDING MATERIALS - REINFORCED CONCRETE STRUCTURES	Concrete	Rebound Hammer Test	IS 13311 (Part 2)
6	NON-DESTRUCTIVE-BUILDING MATERIALS - REINFORCED CONCRETE STRUCTURES	Concrete	Ultrasonic Pulse Velocity Test	IS 516 (Part 5/Section 1)