



National Accreditation Board for Testing and Calibration Laboratories

SCOPE OF ACCREDITATION

Laboratory Name :

CIVILTECH QUALITY CONTROL LAB PRIVATE LIMITED, 10-122/4,
SATYANARAYANA COLONY, NAGARAM, HYDERABAD, MEDCHAL
MALKAJGIRI, TELANGANA, INDIA

Accreditation Standard ISO/IEC 17025:2017

Certificate Number TC-12826

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Validity 05/01/2026 to 04/01/2030

Last Amended on 11/01/2026

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 Testing				
1	MECHANICAL- BUILDINGS MATERIALS	Bitumen Mix	Binder Content	IRC SP 11 Clause C,Appendix-5 & IRC SP:112-2017 Category C: Testing Proforma C-38
2	MECHANICAL- BUILDINGS MATERIALS	Burnt Clay Building Bricks	Compressive Strength	IS 3492 Part 1
3	MECHANICAL- BUILDINGS MATERIALS	Burnt Clay Building Bricks	Water Absorption	IS 3495 Part 2
4	MECHANICAL- BUILDINGS MATERIALS	Cement (OPC/PPC)	Compressive Strength	IS:4031 Part 6
5	MECHANICAL- BUILDINGS MATERIALS	Cement (OPC/PPC)	Consistency	IS 4031 Part 4
6	MECHANICAL- BUILDINGS MATERIALS	Cement (OPC/PPC)	Density	IS 4031 Part 11
7	MECHANICAL- BUILDINGS MATERIALS	Cement (OPC/PPC)	Final Setting Time	IS 4031 Part 5
8	MECHANICAL- BUILDINGS MATERIALS	Cement (OPC/PPC)	Fineness by Blaine Air Permeability Method	IS 4031 Part 2
9	MECHANICAL- BUILDINGS MATERIALS	Cement (OPC/PPC)	Initial Setting Time	IS 4031 Part 5
10	MECHANICAL- BUILDINGS MATERIALS	Cement (OPC/PPC)	Soundness by Lechatelier Method	IS 4031 Part 2
11	MECHANICAL- BUILDINGS MATERIALS	Coarse Aggregate	Specific Gravity	IS 2386(Part 3)
12	MECHANICAL- BUILDINGS MATERIALS	Coarse Aggregate	Water Absorption	IS 2386 (Part 3)
13	MECHANICAL- BUILDINGS MATERIALS	Coarse Aggregate	Bulk Density (loose)	IS 2386 (Part 3)
14	MECHANICAL- BUILDINGS MATERIALS	Coarse Aggregate	Bulk Density (Rodded)	IS 2386 (Part 3)
15	MECHANICAL- BUILDINGS MATERIALS	Coarse Aggregate	Elongation Index	IS 2386(Part 1)
16	MECHANICAL- BUILDINGS MATERIALS	Coarse Aggregate	Flakiness Index	IS 2386(Part 1)
17	MECHANICAL- BUILDINGS MATERIALS	Coarse Aggregates	Sieve Analysis (80 mm, 63 mm, 40 mm, 20 mm, 16 mm , 12.5 mm, 10 mm, 4.75 mm , 2.36 mm)	IS 2386 (Part1)
18	MECHANICAL- BUILDINGS MATERIALS	Coarse Aggregates	Aggregate Impact Value	IS 2386 (Part 4)



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19	MECHANICAL- BUILDINGS MATERIALS	Coarse Aggregates	Crushing value	IS 2386 (Part 4)
20	MECHANICAL- BUILDINGS MATERIALS	Fine Aggregate	Bulk Density (Loose)	IS 2386 (Part 3)
21	MECHANICAL- BUILDINGS MATERIALS	Fine Aggregate	Bulk Density (Rotted)	IS 2386 (Part 3)
22	MECHANICAL- BUILDINGS MATERIALS	Fine Aggregates	Materials Finer than 75 microns	IS 2386 (Part 1)
23	MECHANICAL- BUILDINGS MATERIALS	Fine Aggregates	Sieve Analysis (10mm,4.75mm,2.36mm,1.18mm,0.600mm,0.300mm,0.150mm)	IS 2386 (Part 1)
24	MECHANICAL- BUILDINGS MATERIALS	Fine Aggregates	Specific Gravity	IS 2386 (Part 3)
25	MECHANICAL- BUILDINGS MATERIALS	Fine Aggregates	Water Absorption	IS 2386 (Part 3)
26	MECHANICAL- BUILDINGS MATERIALS	Fly ash Bricks	Compressive Strength	IS 3495 (Part 1)
27	MECHANICAL- BUILDINGS MATERIALS	Flyash Bricks	Water Absorption	IS 3495 (Part 2)
28	MECHANICAL- BUILDINGS MATERIALS	Granular Subbase	Impact Value	IS 2386 (Part 4)
29	MECHANICAL- BUILDINGS MATERIALS	Granular Subbase	Sieve Analysis (75mm,53mm,26.50mm,9.50mm,4.75mm,2.36mm,0.425mm,0.075mm,4.75mm, 2.36mm,0.425mm, 0.075mm)	IS 2386 (Part 1)
30	MECHANICAL- BUILDINGS MATERIALS	Granular Subbase	Specific Gravity	IS 2386 (Part 3)
31	MECHANICAL- BUILDINGS MATERIALS	Granular Subbase	Water Absorption	IS 2386 (Part 3)
32	MECHANICAL- BUILDINGS MATERIALS	Hardened Concrete Core	Compressive Strength	IS 516 Part 4
33	MECHANICAL- BUILDINGS MATERIALS	Hardened Concrete Cube	Compressive Strength	IS 516 Part1/Sec1
34	MECHANICAL- BUILDINGS MATERIALS	Reinforcement Steel (Rebar)	Mass per meter	IS:1786
35	MECHANICAL- BUILDINGS MATERIALS	Wet Mix Macadam	Flakiness Index	IS 2386 (Part1)
36	MECHANICAL- BUILDINGS MATERIALS	Wet Mix Macadam	Elongation Index	IS 2386 (Part 1)



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37	MECHANICAL- BUILDINGS MATERIALS	Wet Mix Macadam	Impact Value	IS 2386 (Part4)
38	MECHANICAL- BUILDINGS MATERIALS	Wet Mix Macadam	Sieve Analysis (53mm,45mm, 26.50mm,22.40mm, 11.20mm,4.75mm, 2.36mm,600Micron, 75Micron)	IS 2386 (Part1)
39	MECHANICAL- BUILDINGS MATERIALS	Wet Mix Macadam	Specific Gravity	IS 2386 (Part3)
40	MECHANICAL- BUILDINGS MATERIALS	Wet Mix Macadam	Water Absorption	IS 2386 (Part3)
41	MECHANICAL- SOIL AND ROCKS	Soil	Atterberg Limits - Liquid Limit by Casagrande apparatus	IS 2720 (Part 5)
42	MECHANICAL- SOIL AND ROCKS	Soil	Atterberg Limits - Plastic Limit	IS 2720 (Part 5)
43	MECHANICAL- SOIL AND ROCKS	Soil	California Bearing Ratio (CBR)	IS 2720 (Part 16)
44	MECHANICAL- SOIL AND ROCKS	Soil	Direct Shear Test, angle of friction	IS:2720(Part No:13)
45	MECHANICAL- SOIL AND ROCKS	Soil	Direct shear, cohesion	IS: 2720(Part 13)
46	MECHANICAL- SOIL AND ROCKS	Soil	Free Swell Index	IS 2720 (Part 40)
47	MECHANICAL- SOIL AND ROCKS	Soil	Grain Size Analysis (Wet method)	IS 2720 (Part 4)
48	MECHANICAL- SOIL AND ROCKS	Soil	Heavy Compaction - Maximum Dry Density (MDD)	IS 2720 (Part 8)
49	MECHANICAL- SOIL AND ROCKS	Soil	Heavy Compaction - Optimum Moisture Content (OMC)	IS 2720 (Part 8)
50	MECHANICAL- SOIL AND ROCKS	Soil	Light Compaction - Maximum Dry Density (MDD)	IS 2720 (Part 7)
51	MECHANICAL- SOIL AND ROCKS	Soil	Light Compaction - Optimum Moisture Content (OMC)	IS 2720 (Part 7)
52	MECHANICAL- SOIL AND ROCKS	Soil	Tri-axial Shear Test(angle of friction)	IS 2720 (Part 11)
53	MECHANICAL- SOIL AND ROCKS	Soil	Tri-axial Shear Test(Cohesion)	IS 2720 (Part 11)



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Site Testing				
1	MECHANICAL- SOIL AND ROCKS	Soil	Determination of Dry Density of Soils in Place by the Core Cutter Method	IS 2720 Part 29
2	NON-DESTRUCTIVE- BUILDING MATERIALS - REINFORCED CONCRETE STRUCTURES	Reinforced Concrete Structure	Rebound Hammer	IS 516 (Part 5/Sec 4)
3	NON-DESTRUCTIVE- BUILDING MATERIALS - REINFORCED CONCRETE STRUCTURES	Reinforced Concrete Structure	Ultrasonic Pulse Velocity	IS 516 (Part 5/Sec 1)