National Accreditation Board for Testing and Calibration Laboratories

SCOPE OF ACCREDITATION

Laboratory Name : GS BURO INDIA SERVICES (CONSTRUCTION MATERIAL TESTING LABORATORY), SURVEY NO. 22, LATE KISANRAO NANDGUDE COLONY, VISHAL NAGAR, PUNE, MAHARASHTRA, INDIA

Accreditation Standard ISO/IEC 17025:2017

Certificate Number TC-11362 **Page No** 1 of 4

Validity 07/02/2023 to 06/02/2025 **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	Autoclaved Cellular Concrete Blocks	Compressive Strength	IS 6441 (Part 5)
2	MECHANICAL- BUILDINGS MATERIALS	Autoclaved Cellular Concrete Blocks	Dimension - Height	IS 2185 (Part 3)
3	MECHANICAL- BUILDINGS MATERIALS	Autoclaved Cellular Concrete Blocks	Dimension - Length	IS 2185 (Part 3)
4	MECHANICAL- BUILDINGS MATERIALS	Autoclaved Cellular Concrete Blocks	Dimension - Width	IS 2185 (Part 3)
5	MECHANICAL- BUILDINGS MATERIALS	Autoclaved Cellular Concrete Blocks	Moisture Content	IS 6441 (Part 1)
6	MECHANICAL- BUILDINGS MATERIALS	Burnt Clay Bricks	Dimension - Height	IS 1077
7	MECHANICAL- BUILDINGS MATERIALS	Burnt Clay Bricks	Dimension - Length	IS 1077
8	MECHANICAL- BUILDINGS MATERIALS	Burnt Clay Bricks	Dimension - Width	IS 1077
9	MECHANICAL- BUILDINGS MATERIALS	Burnt Clay Bricks & Fly Ash Bricks	Compressive Strength	IS 3495 (Part 1)
10	MECHANICAL- BUILDINGS MATERIALS	Burnt Clay Bricks & Fly Ash Bricks	Efflorescence	IS 3495 (Part 3)
11	MECHANICAL- BUILDINGS MATERIALS	Burnt Clay Bricks & Fly Ash Bricks	Water Absorption	IS 3495 (Part 2)
12	MECHANICAL- BUILDINGS MATERIALS	Coarse Aggregate	10% Fines Value	IS 2386 (Part 4)
13	MECHANICAL- BUILDINGS MATERIALS	Coarse Aggregate	Bulk Density (Loose & Rodded)	IS 2386 (Part 3)
14	MECHANICAL- BUILDINGS MATERIALS	Coarse Aggregate	Crushing Value	IS 2386 (Part 4)
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 Aggregate	Impact Value	IS 2386 (Part 4)
18	MECHANICAL- BUILDINGS MATERIALS	Coarse Aggregate	Sieve Analysis / Gradation (80 mm to 4.75 mm)	IS 2386 (Part 1)

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19	MECHANICAL- BUILDINGS MATERIALS	Coarse Aggregate	Specific Gravity	IS 2386 (Part 3)
20	MECHANICAL- BUILDINGS MATERIALS	Coarse Aggregate	Water Absorption	IS 2386 (Part 3)
21	MECHANICAL- BUILDINGS MATERIALS	Concrete (Hardened) Core	Compressive Strength	IS 516 (Part 4)
22	MECHANICAL- BUILDINGS MATERIALS	Concrete (Hardened) Cube, Cylinder, Core	Compressive Strength	IS 516
23	MECHANICAL- BUILDINGS MATERIALS	Ferrous & Non-Ferrous Reinforcement Steel, Structural Steel	% Elongation	IS 1608 (Part 1)
24	MECHANICAL- BUILDINGS MATERIALS	Ferrous & Non-Ferrous Reinforcement Steel, Structural Steel	Bend	IS 1599
25	MECHANICAL- BUILDINGS MATERIALS	Ferrous & Non-Ferrous Reinforcement Steel, Structural Steel	Re-bend	IS 1786
26	MECHANICAL- BUILDINGS MATERIALS	Ferrous & Non-Ferrous Reinforcement Steel, Structural Steel	Tensile strength	IS 1608 (Part 1)
27	MECHANICAL- BUILDINGS MATERIALS	Ferrous & Non-Ferrous Reinforcement Steel, Structural Steel	Yield Stress / 0.2% Proof Stress	IS 1608 (Part 1)
28	MECHANICAL- BUILDINGS MATERIALS	Fine Aggregate	Bulk Density (Loose & Rodded)	IS 2386 (Part 3)
29	MECHANICAL- BUILDINGS MATERIALS	Fine Aggregate	Finer than 75 µm	IS 2386 (Part 1)
30	MECHANICAL- BUILDINGS MATERIALS	Fine Aggregate	Moisture Content	IS 2386 (Part 3)
31	MECHANICAL- BUILDINGS MATERIALS	Fine Aggregate	Sieve Analysis / Gradation (4.75 mm to 75 µm)	IS 2386 (Part 1)
32	MECHANICAL- BUILDINGS MATERIALS	Fine Aggregate	Specific Gravity	IS 2386 (Part 3)
33	MECHANICAL- BUILDINGS MATERIALS	Fine Aggregate	Water Absorption	IS 2386 (Part 3)
34	MECHANICAL- BUILDINGS MATERIALS	Hollow & Solid Concrete Blocks	Compressive Strength	IS 2185 (Part 1)
35	MECHANICAL- BUILDINGS MATERIALS	Hollow & Solid Concrete Blocks	Dimension - Height	IS 2185 (Part 1)
36	MECHANICAL- BUILDINGS MATERIALS	Hollow & Solid Concrete Blocks	Dimension - Length	IS 2185 (Part 1)
37	MECHANICAL- BUILDINGS MATERIALS	Hollow & Solid Concrete Blocks	Water Absorption	IS 2185 (Part 1)

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38	MECHANICAL- BUILDINGS MATERIALS	Hydraulic Cement / OPC - 33G, 43G, 53G / PSC / PPC / White Cement	Compressive Strength	IS 4031 (Part 6)
39	MECHANICAL- BUILDINGS MATERIALS	Hydraulic Cement / OPC-33G, 43G, 53G / PSC / PPC / White Cement	Final Setting Time	IS 4031 (Part 5)
40	MECHANICAL- BUILDINGS MATERIALS	Hydraulic Cement / OPC-33G, 43G, 53G / PSC / PPC / White Cement	Consistency	IS 4031 (Part 4)
41	MECHANICAL- BUILDINGS MATERIALS	Hydraulic Cement / OPC-33G, 43G, 53G / PSC / PPC / White Cement	Initial Setting Time	IS 4031 (Part 5)
42	MECHANICAL- BUILDINGS MATERIALS	Paver Blocks	Compressive Strength	IS 15658
43	MECHANICAL- BUILDINGS MATERIALS	Paver Blocks	Water Absorption	IS 15658
44	MECHANICAL- SOIL AND ROCK	Soil	California Bearing ratio	IS 2720 (Part 16)
45	MECHANICAL- SOIL AND ROCK	Soil	Gradation (75 micron to 40 mm)	IS 2720 (Part 4)
46	MECHANICAL- SOIL AND ROCK	Soil	Liquid Limit	IS 2720 (Part 5)
47	MECHANICAL- SOIL AND ROCK	Soil	Plastic Limit	IS 2720 (Part 5)
48	NON-DESTRUCTIVE-BUILDING MATERIALS - REINFORCED CONCRETE STRUCTURES	Reinforced Concrete Structures	Rebound Hammer Test	IS 13311 (Part 2)
49	NON-DESTRUCTIVE-BUILDING MATERIALS - REINFORCED CONCRETE STRUCTURES	Reinforced Concrete Structures	Ultrasonic Pulse Velocity Test	IS 516 (Part 5/Section 1)

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Site Facility				
1	MECHANICAL- SOIL AND ROCK	Soil	Dry Density (Core Cutting Method)	IS 2720 (Part 29)
2	MECHANICAL- SOIL AND ROCK	Soil	Dry Density (Sand Replacement Method)	IS 2720 (Part 28)
3	MECHANICAL- SOIL AND ROCK	Soil	Plate load test (Settlement up to 50 mm)	IS 1888
4	NON-DESTRUCTIVE-BUILDING MATERIALS - REINFORCED CONCRETE STRUCTURES	Reinforced Concrete Structures	Rebound Hammer Test	IS 13311 (Part 2)
5	NON-DESTRUCTIVE-BUILDING MATERIALS - REINFORCED CONCRETE STRUCTURES	Reinforced Concrete Structures	Ultrasonic Pulse Velocity Test	IS 516 (Part 5/Section 1)