National Accreditation Board for Testing and Calibration Laboratories

SCOPE OF ACCREDITATION

Laboratory Name : GLOBAL LAB MATERIAL TESTING PVT. LTD., 153, RJD TEXTILE PARK, ICHHAPOR, GIDC, BHATPORE, SURAT, GUJARAT, INDIA

Accreditation Standard ISO/IEC 17025:2017

Certificate Number TC-10550 **Page No** 1 of 6

Validity 22/04/2022 to 21/04/2024 **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	Autoclaved Cellular Concrete Block	Compressive Strength	IS 6441 (Part 5)
2	MECHANICAL- BUILDINGS MATERIALS	Autoclaved Cellular Concrete Block	Dimension - Height	IS 2185 (Part 3)
3	MECHANICAL- BUILDINGS MATERIALS	Autoclaved Cellular Concrete Block	Dimension - Length	IS 2185 (Part 3)
4	MECHANICAL- BUILDINGS MATERIALS	Autoclaved Cellular Concrete Block	Dimension - Thickness	IS 2185 (Part 3)
5	MECHANICAL- BUILDINGS MATERIALS	Autoclaved Cellular Concrete Block	Dry Density	IS 6441 (Part 1)
6	MECHANICAL- BUILDINGS MATERIALS	Autoclaved Cellular Concrete Block	Drying Shrinkage	IS 6441 (Part 2)
7	MECHANICAL- BUILDINGS MATERIALS	Autoclaved Cellular Concrete Block	Moisture Content	IS 6441 (Part 1)
8	MECHANICAL- BUILDINGS MATERIALS	Cement OPC-33G, 43G, 53G/ PSC/ PPC/ PCC	Soundness (Le-Chatelier Method)	IS 4031 (Part 3)
9	MECHANICAL- BUILDINGS MATERIALS	Cement OPC-33G, 43G, 53G/ PSC/ PPC/ PCC/ Cement Mortar/ Integral Water Proofing Compound/ Cement Base Wall Putty	Compressive Strength	IS 4031 (Part 6)
10	MECHANICAL- BUILDINGS MATERIALS	Cement OPC-33G, 43G, 53G/ PSC/ PPC/ PCC/ GGBS	Fineness by Blaine's Air Permeability	IS 4031 (Part 2)
11	MECHANICAL- BUILDINGS MATERIALS	Coarse Aggregates	Aggregate Crushing Value	IS 2386 (Part 4)
12	MECHANICAL- BUILDINGS MATERIALS	Coarse Aggregates	Bulk Density (Loose)	IS 2386 (Part 3)
13	MECHANICAL- BUILDINGS MATERIALS	Coarse Aggregates	Bulk Density (Rodded)	IS 2386 (Part 3)
14	MECHANICAL- BUILDINGS MATERIALS	Coarse Aggregates	Combined Flakiness & Elongation Index	IS 2386 (Part 1)
15	MECHANICAL- BUILDINGS MATERIALS	Coarse Aggregates	Deleterious Material - Particle Finer than 75 µm	IS 2386 (Part 1)
16	MECHANICAL- BUILDINGS MATERIALS	Coarse Aggregates	Deleterious Materials - Clay Lumps	IS 2386 (Part 2)
17	MECHANICAL- BUILDINGS MATERIALS	Coarse Aggregates	Deleterious Materials - Light Weight Particles	IS 2386 (Part 2)
18	MECHANICAL- BUILDINGS MATERIALS	Coarse Aggregates	Elongation Index	IS 2386 (Part 1)

SCOPE OF ACCREDITATION

Laboratory Name : GLOBAL LAB MATERIAL TESTING PVT. LTD., 153, RJD TEXTILE PARK, ICHHAPOR, GIDC, BHATPORE, SURAT, GUJARAT, INDIA

Accreditation Standard ISO/IEC 17025:2017

Certificate Number TC-10550 **Page No** 2 of 6

Validity 22/04/2022 to 21/04/2024 **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
19	MECHANICAL- BUILDINGS MATERIALS	Coarse Aggregates	Flakiness Index	IS 2386 (Part 1)
20	MECHANICAL- BUILDINGS MATERIALS	Coarse Aggregates	Impact Value	IS 2386 (Part 4)
21	MECHANICAL- BUILDINGS MATERIALS	Coarse Aggregates	Loss Angles Abrasion Value	IS 2386 (Part 4)
22	MECHANICAL- BUILDINGS MATERIALS	Coarse Aggregates	Particle Finer than 75 micron	IS 2386 (Part 1)
23	MECHANICAL- BUILDINGS MATERIALS	Coarse Aggregates	Sieve Analysis (65 mm, 63 mm, 50 mm, 40 mm, 31.5 mm, 25 mm, 20 mm, 16 mm, 12.5 mm, 10 mm, 6.3 mm, 4.75 mm)	IS 2386 (Part 1)
24	MECHANICAL- BUILDINGS MATERIALS	Coarse Aggregates	Soundness by Na2SO4/ MgSO4	IS 2386 (Part 5)
25	MECHANICAL- BUILDINGS MATERIALS	Coarse Aggregates	Specific Gravity	IS 2386 (Part 3)
26	MECHANICAL- BUILDINGS MATERIALS	Coarse Aggregates	Ten Percent Fines Value	IS 2386 (Part 4)
27	MECHANICAL- BUILDINGS MATERIALS	Coarse Aggregates	Total Deleterious Material	IS 2386 (Part 1 & 2)
28	MECHANICAL- BUILDINGS MATERIALS	Coarse Aggregates	Water Absorption	IS 2386 (Part 1)
29	MECHANICAL- BUILDINGS MATERIALS	Common Burnt Clay Building Bricks	Dimension - Height	IS 1077
30	MECHANICAL- BUILDINGS MATERIALS	Common Burnt Clay Building Bricks	Dimension - Length	IS 1077
31	MECHANICAL- BUILDINGS MATERIALS	Common Burnt Clay Building Bricks	Dimension - Width	IS 1077
32	MECHANICAL- BUILDINGS MATERIALS	Common Burnt Clay Building Bricks/ Pulverized Fuel Ash Bricks	Water Absorption	IS 3495 (Part 2)
33	MECHANICAL- BUILDINGS MATERIALS	Common Burnt Clay Building Bricks/ Pulverized Fuel Ash Bricks	Compressive Strength	IS 3495 (Part 1)
34	MECHANICAL- BUILDINGS MATERIALS	Common Burnt Clay Building Bricks/ Pulverized Fuel Ash Bricks	Efflorescence	IS 3495 (Part 3)
35	MECHANICAL- BUILDINGS MATERIALS	Concrete	Depth of Water Penetration under Pressure	IS 516 (Part 2, Section 1)
36	MECHANICAL- BUILDINGS MATERIALS	Concrete Core	Compressive Strength	IS 516 (Part 4)

SCOPE OF ACCREDITATION

Laboratory Name : GLOBAL LAB MATERIAL TESTING PVT. LTD., 153, RJD TEXTILE PARK, ICHHAPOR, GIDC, BHATPORE, SURAT, GUJARAT, INDIA

Accreditation Standard ISO/IEC 17025:2017

Certificate Number TC-10550 **Page No** 3 of 6

Validity 22/04/2022 to 21/04/2024 **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
37	MECHANICAL- BUILDINGS MATERIALS	Concrete Paver Block	Compressive Strength	IS 15658
38	MECHANICAL- BUILDINGS MATERIALS	Concrete Paver Block	Flexural Strength	IS 15658
39	MECHANICAL- BUILDINGS MATERIALS	Concrete Paver Block	Water Absorption	IS 15658
40	MECHANICAL- BUILDINGS MATERIALS	Fine Aggregates	Bulk Density (Loose)	IS 2386 (Part 3)
41	MECHANICAL- BUILDINGS MATERIALS	Fine Aggregates	Bulk Density (Rodded)	IS 2386 (Part 3)
42	MECHANICAL- BUILDINGS MATERIALS	Fine Aggregates	Deleterious Material - Clay Lumps	IS 2386 (Part 2)
43	MECHANICAL- BUILDINGS MATERIALS	Fine Aggregates	Deleterious Material - Particle Finer than 75 µm	IS 2386 (Part 1)
44	MECHANICAL- BUILDINGS MATERIALS	Fine Aggregates	Deleterious Materials - Light Weight Particles	IS 2386 (Part 2)
45	MECHANICAL- BUILDINGS MATERIALS	Fine Aggregates	Organic Impurities	IS 2386 (Part 2)
46	MECHANICAL- BUILDINGS MATERIALS	Fine Aggregates	Particle Finer than 75 µm	IS 2386 (Part 1)
47	MECHANICAL- BUILDINGS MATERIALS	Fine Aggregates	Sieve Analysis (4.75 mm, 3.35 mm, 2.36 mm, 1.18 mm, 600 µm, 300 µm, 150 µm, 75 µm)	IS 2386 (Part 1)
48	MECHANICAL- BUILDINGS MATERIALS	Fine Aggregates	Soundness by Na2SO4 / MgSO4	IS 2386 (Part 5)
49	MECHANICAL- BUILDINGS MATERIALS	Fine Aggregates	Specific Gravity	IS 2386 (Part 3)
50	MECHANICAL- BUILDINGS MATERIALS	Fine Aggregates	Total Deleterious Material	IS 2386 (Part 1 & 2)
51	MECHANICAL- BUILDINGS MATERIALS	Fine Aggregates	Water Absorption	IS 2386 (Part 3)
52	MECHANICAL- BUILDINGS MATERIALS	Harden Concrete (Cube/ Cylinder/ Core)	Compressive Strength	IS 516
53	MECHANICAL- BUILDINGS MATERIALS	Hardened Concrete	Density	IS 516 (Part 2, Section 1)
54	MECHANICAL- BUILDINGS MATERIALS	Hardened Concrete	Flexural Strength	IS 516

SCOPE OF ACCREDITATION

Laboratory Name : GLOBAL LAB MATERIAL TESTING PVT. LTD., 153, RJD TEXTILE PARK, ICHHAPOR, GIDC, BHATPORE, SURAT, GUJARAT, INDIA

Accreditation Standard ISO/IEC 17025:2017

Certificate Number TC-10550 **Page No** 4 of 6

Validity 22/04/2022 to 21/04/2024 **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
55	MECHANICAL- BUILDINGS MATERIALS	Hydraulic Cement OPC-33G, 43G, 53G/ PSC/ PPC/ PCC/ White Cement	Density Test	IS 4031 (Part 11)
56	MECHANICAL- BUILDINGS MATERIALS	Hydraulic Cement OPC-33G, 43G, 53G/ PSC/ PPC/ PCC/ White Cement/ Cement Mortar/ Integral Water Proofing Compound/ Cement Base Wall Putty	Normal Consistency	IS 4031 (Part 4)
57	MECHANICAL- BUILDINGS MATERIALS	Hydraulic Cement OPC-33G, 43G, 53G/ PSC/ PPC/ PCC/ White Cement/ Cement Mortar/ Integral Water Proofing Compound/ Cement Base Wall Putty	Final Setting Time	IS 4031 (Part 5)
58	MECHANICAL- BUILDINGS MATERIALS	Hydraulic Cement OPC-33G, 43G, 53G/ PSC/ PPC/ PCC/ White Cement/ Cement Mortar/ Integral Water Proofing Compound/ Cement Base Wall Putty	Initial Setting Time	IS 4031 (Part 5)
59	MECHANICAL- BUILDINGS MATERIALS	Pulverized Fuel Ash Brick	Dimension - Length	IS 12894
60	MECHANICAL- BUILDINGS MATERIALS	Pulverized Fuel Ash Bricks	Dimension - Height	IS 12894
61	MECHANICAL- BUILDINGS MATERIALS	Pulverized Fuel Ash Bricks	Dimension - Width	IS 12894
62	MECHANICAL- BUILDINGS MATERIALS	Pulverized Fuel Ash Bricks	Drying Shrinkage	IS 4139
63	MECHANICAL- MECHANICAL PROPERTIES OF METALS	High Strength Deformed Bars and Wires	Mass per peter	IS 1786
64	MECHANICAL- MECHANICAL PROPERTIES OF METALS	High Strength Deformed Bars and Wires	Re-bend Test	IS 1786
65	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Metallic Material	0.2 % Proof Stress	IS 1608 (Part 1)
66	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Metallic Material	Bend Test	IS 1599
67	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Metallic Material	Percentage Elongation (After Fracture/ At Max. Force)	IS 1608 (Part 1)
68	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Metallic Material	Reduction in Area	IS 1608 (Part 1)
69	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Metallic Material	Tensile Strength	IS 1608 (Part 1)

SCOPE OF ACCREDITATION

Laboratory Name : GLOBAL LAB MATERIAL TESTING PVT. LTD., 153, RJD TEXTILE PARK, ICHHAPOR, GIDC, BHATPORE, SURAT, GUJARAT, INDIA

Accreditation Standard ISO/IEC 17025:2017

Certificate Number TC-10550 **Page No** 5 of 6

Validity 22/04/2022 to 21/04/2024 **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
70	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Metallic Material	Yield Stress	IS 1608 (Part 1)
71	MECHANICAL- SOIL AND ROCK	Soil/ Granular Material	Direct Shear - Maximum Shear Stress	IS 2720 (Part 13)
72	MECHANICAL- SOIL AND ROCK	Soil/ Granular Material	Direct Shear Test - Angle	IS 2720 (Part 13)
73	MECHANICAL- SOIL AND ROCK	Soil/ Granular Material	Direct Shear Test - Cohesion Intercept (C-Value)	IS 2720 (Part 13)
74	MECHANICAL- SOIL AND ROCK	Soil/ Granular Material	Direct Shear Test - Shear Displacement	IS 2720 (Part 13)
75	MECHANICAL- SOIL AND ROCK	Soil/ Granular Material	Grain Size Analysis (Sieve Size: 4.75 mm, 2.36 mm, 1.18 mm, 600 µm. 300 µm, 150 µm, 75 µm)	IS 2720 (Part 4)
76	MECHANICAL- SOIL AND ROCK	Soil/ Granular Material/ Bentonite	Free Swell Index	IS 2720 (Part 40)
77	MECHANICAL- SOIL AND ROCK	Soil/ Granular Material/ GSB/ WBM/ Blanket/ Bentonite	Liquid Limit	IS 2720 (Part 5)
78	MECHANICAL- SOIL AND ROCK	Soil/ Granular Material/ GSB/ WMM/ WBM/ Blanket	California Bearing Ratio (Soak and Un-soaked Condition)	IS 2720 (Part 16)
79	MECHANICAL- SOIL AND ROCK	Soil/ Granular Material/ GSB/ WMM/ WBM/ Blanket	Modified Proctor - Optimum Moisture Content Test	IS 2720 (Part 8)
80	MECHANICAL- SOIL AND ROCK	Soil/ Granular Material/ GSB/ WMM/ WBM/ Blanket	Modified Proctor Density Test	IS 2720 (Part 8)
81	MECHANICAL- SOIL AND ROCK	Soil/ Granular Material/ GSB/ WMM/ WBM/ Blanket	Plastic Limit/ Plasticity Index	IS 2720 (Part 5)
82	MECHANICAL- SOIL AND ROCK	Soil/ Granular Material/ GSB/ WMM/ WBM/ Blanket	Standard Proctor Density Test	IS 2720 (Part 7)
83	MECHANICAL- SOIL AND ROCK	Soil/ Granular Material/ GSB/ WMM/ WBM/ Blanket	Standard Proctor Test - Optimum Moisture Content	IS 2720 (Part 7)
84	MECHANICAL- SOIL AND ROCK	Soil/ Granular Material/ GSB/ WMM/ WBM/ Blanket/ Bentonite	Moisture Content	IS 2720 (Part 2)

National Accreditation Board for Testing and Calibration Laboratories

SCOPE OF ACCREDITATION

Laboratory Name :	GLOBAL LAB MATERIAL TESTING PVT. LTD., 153, RJD TEXTILE PARK, ICHHAPOR, GIDC, BHATPORE, SURAT, GUJARAT, INDIA		
Accreditation Standard	ISO/IEC 17025:2017		
Certificate Number	TC-10550	**Page No**	6 of 6
Validity	22/04/2022 to 21/04/2024	**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
Site Facility				
1	MECHANICAL- SOIL AND ROCK	Soil/ Granular Material	Field Dry Density (Core Cutter Method)	IS 2720 (Part 29)
2	MECHANICAL- SOIL AND ROCK	Soil/ Granular Material/ GSB/ WMM/ WBM/ Blanket	Field Dry Density (By Sand Replacement Method)	IS 2720 (Part 28)