National Accreditation Board for Testing and Calibration Laboratories

SCOPE OF ACCREDITATION

Laboratory Name : GAYATRI GEOTECHNIC RESEARCH, SHOP 6-8, OLD N.H. 8, BHOLAV, BHARUCH, GUJARAT, INDIA

Accreditation Standard ISO/IEC 17025:2017

Certificate Number TC-11464 **Page No** 1 of 3

Validity 19/03/2023 to 18/03/2025 **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	Brunt Clay Bricks	Dimension : Height	IS 1077
2	MECHANICAL- BUILDINGS MATERIALS	Brunt Clay Bricks	Compressive Strength	IS 3495 (Part 1)
3	MECHANICAL- BUILDINGS MATERIALS	Brunt Clay Bricks	Dimension : Length	IS 1077
4	MECHANICAL- BUILDINGS MATERIALS	Brunt Clay Bricks	Dimension : Width	IS 1077
5	MECHANICAL- BUILDINGS MATERIALS	Brunt Clay Bricks	Efflorescence	IS 3495 (Part 3)
6	MECHANICAL- BUILDINGS MATERIALS	Brunt Clay Bricks	Water Absorption	IS 3495 (Part 2)
7	MECHANICAL- BUILDINGS MATERIALS	Cement OPC	Compressive Strength	IS 4031 (Part 6)
8	MECHANICAL- BUILDINGS MATERIALS	Cement OPC	Consistency	IS 4031 (Part 4)
9	MECHANICAL- BUILDINGS MATERIALS	Cement OPC	Final Setting Time	IS 4031 (Part 5)
10	MECHANICAL- BUILDINGS MATERIALS	Cement OPC	Fineness by Dry Sieving	IS 4031 (Part 1)
11	MECHANICAL- BUILDINGS MATERIALS	Cement OPC	Initial Setting Time	IS 4031 (Part 5)
12	MECHANICAL- BUILDINGS MATERIALS	Coarse Aggregate	Bulk Density	IS 2386 (Part 3)
13	MECHANICAL- BUILDINGS MATERIALS	Coarse Aggregate	Crushing Value	IS 2386 (Part 4)
14	MECHANICAL- BUILDINGS MATERIALS	Coarse Aggregate	Elongation Index	IS 2386 (Part 1)
15	MECHANICAL- BUILDINGS MATERIALS	Coarse Aggregate	Flakiness Index	IS 2386 (Part 4)
16	MECHANICAL- BUILDINGS MATERIALS	Coarse Aggregate	Impact Value	IS 2386 (Part 4)
17	MECHANICAL- BUILDINGS MATERIALS	Coarse Aggregate	Sieve Analysis (40mm, 25mm, 20mm, 16mm, 12.5mm, 10mm, 6.3mm, 4.75mm)	IS 2386 (Part 1)
18	MECHANICAL- BUILDINGS MATERIALS	Coarse Aggregate	Specific Gravity	IS 2386 (Part 3)

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19	MECHANICAL- BUILDINGS MATERIALS	Coarse Aggregate	Water Absorption	IS 2386 (Part 3)
20	MECHANICAL- BUILDINGS MATERIALS	Coarse Aggregate	Abrasion Value	IS 2386 (Part 4)
21	MECHANICAL- BUILDINGS MATERIALS	Concrete	Compressive Strength	IS 516
22	MECHANICAL- BUILDINGS MATERIALS	Fine Aggregate	Bulk Density	IS 2386 (Part 3)
23	MECHANICAL- BUILDINGS MATERIALS	Fine Aggregate	Sieve Analysis (10mm, 4.75mm, 2.36mm, 1.18mm, 0.6mm, 0.3mm, 0.15mm, 0.075mm)	IS 2386 (Part 1)
24	MECHANICAL- BUILDINGS MATERIALS	Fine Aggregate	Specific Gravity	IS 2386 (Part 3)
25	MECHANICAL- BUILDINGS MATERIALS	Paver Block	Compressive Strength	IS 15658
26	MECHANICAL- BUILDINGS MATERIALS	Paver Block	Water Absorption	IS 15658
27	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Steel Reinforcement	Percentage Elongation	IS 1608
28	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Steel Reinforcement	Ultimate Tensile Strength	IS 1608
29	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Steel Reinforcement	Yield Strength	IS 1608
30	MECHANICAL- SOIL- BASIC	Soil	Plastic Limit	IS 2720 (Part 5)
31	MECHANICAL- SOIL- BASIC	Soil	Grain Size Analysis-Silt & Clay	IS 2720 (Part 4)
32	MECHANICAL- SOIL- BASIC	Soil	Free Swell Index	"IS 2720 (Part 40)
33	MECHANICAL- SOIL- BASIC	Soil	Grain Size Analysis-Gravel	IS 2720 (Part 4)
34	MECHANICAL- SOIL- BASIC	Soil	Grain Size Analysis-Sand	IS 2720 (Part 4)
35	MECHANICAL- SOIL- BASIC	Soil	Liquid Limit	IS 2720 (Part 5)
36	MECHANICAL- SOIL- BASIC	Soil	Specific Gravity	IS 2720 (Part 3/Sec 1)
37	MECHANICAL- SOIL- BASIC	Soil	Specific Gravity	IS 2720 (Part 3/Sec 2)
38	MECHANICAL- SOIL- BASIC	Soil	Standard Proctor Test (Light Compaction) Maximum Dry Density (M.D.D)	IS 2720 (Part 7)

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39	MECHANICAL- SOIL- BASIC	Soil	Standard Proctor Test (Light Compaction)Optimum Moisture Content (O.M.C.)	IS 2720 (Part 7)