National Accreditation Board for Testing and Calibration Laboratories

SCOPE OF ACCREDITATION

Laboratory Name : GAYATRI GEOTECHNIC RESEARCH, SHOP NO. 6-8, OLD N.H. 8, BHOLAV, BHARUCH, GUJARAT, INDIA

Accreditation Standard ISO/IEC 17025:2017

Certificate Number TC-5872 **Page No** 1 of 3

Validity 25/01/2021 to 24/01/2023 **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	Bricks	Compressive Strength	IS 3495 (Part 1)
2	MECHANICAL- BUILDINGS MATERIALS	Bricks	Dimension : Height	IS 1077
3	MECHANICAL- BUILDINGS MATERIALS	Bricks	Dimension : Length	IS 1077
4	MECHANICAL- BUILDINGS MATERIALS	Bricks	Dimension : Width	IS 1077
5	MECHANICAL- BUILDINGS MATERIALS	Bricks	Efflorescence	IS 3495 (Part 3)
6	MECHANICAL- BUILDINGS MATERIALS	Bricks	Water Absorption	IS 3495 (Part 2)
7	MECHANICAL- BUILDINGS MATERIALS	Cement	Compressive Strength	IS 4031 (Part 6)
8	MECHANICAL- BUILDINGS MATERIALS	Cement	Consistency	IS 4031 (Part 4)
9	MECHANICAL- BUILDINGS MATERIALS	Cement	Final Setting Time	IS 4031 (Part 5)
10	MECHANICAL- BUILDINGS MATERIALS	Cement	Fineness by Dry Sieving	IS 4031 (Part 1)
11	MECHANICAL- BUILDINGS MATERIALS	Cement	Initial Setting Time	IS 4031 (Part 5)
12	MECHANICAL- BUILDINGS MATERIALS	Cement	Specific Gravity	IS 4031 (Part 11)
13	MECHANICAL- BUILDINGS MATERIALS	Coarse Aggregate	Abrasion Value	IS 2386 (Part 4)
14	MECHANICAL- BUILDINGS MATERIALS	Coarse Aggregate	Bulk Density	IS 2386 (Part 3)
15	MECHANICAL- BUILDINGS MATERIALS	Coarse Aggregate	Crushing Value	IS 2386 (Part 4)
16	MECHANICAL- BUILDINGS MATERIALS	Coarse Aggregate	Elongation Index	IS 2386 (Part 1)
17	MECHANICAL- BUILDINGS MATERIALS	Coarse Aggregate	Flakiness Index	IS 2386 (Part 4)
18	MECHANICAL- BUILDINGS MATERIALS	Coarse Aggregate	Impact Value	IS 2386 (Part 4)

SCOPE OF ACCREDITATION

Laboratory Name : GAYATRI GEOTECHNIC RESEARCH, SHOP NO. 6-8, OLD N.H. 8, BHOLAV, BHARUCH, GUJARAT, INDIA

Accreditation Standard ISO/IEC 17025:2017

Certificate Number TC-5872 **Page No** 2 of 3

Validity 25/01/2021 to 24/01/2023 **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 Aggregate	Sieve Analysis (Sieve size : 4.75mm,6.3mm, 10.0mm, 12.5mm, 16.0mm, 20.0mm, 25.0mm, 31.5mm,40.0mm, 50.0mm, 63.0mm & 80.0 mm)	IS 2386 (Part 1)
20	MECHANICAL- BUILDINGS MATERIALS	Coarse Aggregate	Specific Gravity	IS 2386 (Part 3)
21	MECHANICAL- BUILDINGS MATERIALS	Coarse Aggregate	Water Absorption	IS 2386 (Part 3)
22	MECHANICAL- BUILDINGS MATERIALS	Concrete	Compressive Strength	IS 516
23	MECHANICAL- BUILDINGS MATERIALS	Fine Aggregate	Bulk Density	IS 2386 (Part 3)
24	MECHANICAL- BUILDINGS MATERIALS	Fine Aggregate	Sieve Analysis (Sieve size: 75 µ,150 µ , 300 µ,600µ, 1.18 mm, 2.36mm,4.75mm & 10 mm)	IS 2386 (Part 1)
25	MECHANICAL- BUILDINGS MATERIALS	Fine Aggregate	Specific Gravity	IS 2386 (Part 3)
26	MECHANICAL- BUILDINGS MATERIALS	Paver Block	Compressive Strength	IS 15658
27	MECHANICAL- BUILDINGS MATERIALS	Paver Block	Water Absorption	IS 15658
28	MECHANICAL- BUILDINGS MATERIALS	Steel Reinforceent	Yield Strength	IS 1608
29	MECHANICAL- BUILDINGS MATERIALS	Steel Reinforcement	Percentage Elongation	IS 1608
30	MECHANICAL- BUILDINGS MATERIALS	Steel Reinforcement	Ultimate Tensile Strength	IS 1608
31	MECHANICAL- SOIL AND ROCK	Soil	Free Swell Index	IS 2720 (Part 40)
32	MECHANICAL- SOIL AND ROCK	Soil	Grain Size Analysis	IS 2720 (Part 4)
33	MECHANICAL- SOIL AND ROCK	Soil	Liquid Limit	IS 2720 (Part 5)
34	MECHANICAL- SOIL AND ROCK	Soil	Plastic Limit	IS 2720 (Part 5)
35	MECHANICAL- SOIL AND ROCK	Soil	Specific Gravity	IS 2720 (Part 3/Sec 2)

SCOPE OF ACCREDITATION

Laboratory Name : GAYATRI GEOTECHNIC RESEARCH, SHOP NO. 6-8, OLD N.H. 8, BHOLAV, BHARUCH, GUJARAT, INDIA

Accreditation Standard ISO/IEC 17025:2017

Certificate Number TC-5872 **Page No** 3 of 3

Validity 25/01/2021 to 24/01/2023 **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
36	MECHANICAL- SOIL AND ROCK	Soil	Specific Gravity	IS 2720 (Part 3/Sec 2)
37	MECHANICAL- SOIL AND ROCK	Soil	Standard Proctor Test (Light Compaction) Maximum Dry Density (M.D.D)	IS 2720 (Part 7)
38	MECHANICAL- SOIL AND ROCK	Soil	Standard Proctor Test (Light Compaction) Maximum Dry Density (M.D.D)	IS 2720 (Part 7)
39	MECHANICAL- SOIL AND ROCK	Soil	Standard Proctor Test (Light Compaction) Optimum Moisture Content (O.M.C.)	IS 2720 (Part 7)