National Accreditation Board for Testing and Calibration Laboratories

SCOPE OF ACCREDITATION

Laboratory Name : GAYATHRI ASSOCIATES, PLOT NO: 71, NANDHI HILLS, HUNTER ROAD, HANAMKONDA, WARANGAL, TELANGANA, INDIA

Accreditation Standard ISO/IEC 17025:2017

Certificate Number TC-8088 **Page No** 1 of 2

Validity 28/12/2020 to 27/12/2022 **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	Bitumen	Binder Content	IRC SP-11
2	MECHANICAL- BUILDINGS MATERIALS	Bitumen	Penetration	IS 1203
3	MECHANICAL- BUILDINGS MATERIALS	Bitumen	Softening Point	IS 1205
4	MECHANICAL- BUILDINGS MATERIALS	Bitumen	Specific Gravity	IS 1202
5	MECHANICAL- BUILDINGS MATERIALS	Bitumen Mix	Desity	ASTM D2041
6	MECHANICAL- BUILDINGS MATERIALS	Bricks Clay/Fly Ash Bricks	Compressive Strength	IS 3495 (Part 1)
7	MECHANICAL- BUILDINGS MATERIALS	Bricks Clay/Fly Ash Bricks	Water Absorption	IS:3495 (Part 2)
8	MECHANICAL- BUILDINGS MATERIALS	Cement (OPC/PPC)	Compressive Strength	IS: 4031(Part 6)
9	MECHANICAL- BUILDINGS MATERIALS	Cement (OPC/PPC)	Final Setting Time	IS: 4031
10	MECHANICAL- BUILDINGS MATERIALS	Cement (OPC/PPC)	Initial Setting Time	IS: 4031(Part 5)
11	MECHANICAL- BUILDINGS MATERIALS	Cement (OPC/PPC)	Standard Consistency	IS 4031
12	MECHANICAL- BUILDINGS MATERIALS	Coarse Aggregate	Flakiness Index	IS:2386
13	MECHANICAL- BUILDINGS MATERIALS	Coarse Aggregates	Aggregate Impact Value	IS:2386(Part 4)
14	MECHANICAL- BUILDINGS MATERIALS	Coarse Aggregates	Elongation Index	IS:2386 (Part-1)
15	MECHANICAL- BUILDINGS MATERIALS	Coarse Aggregates	Sieve Analysis (Sieve size : 80mm 63mm, 40mm, 20mm, 10mm, 4.75mm & 2.3mm)	IS:2386 (Part 1)
16	MECHANICAL- BUILDINGS MATERIALS	Coarse Aggregates	Specific Gravity	IS:2386 (Part-3)
17	MECHANICAL- BUILDINGS MATERIALS	Coarse Aggregates	Water Absorption	IS:2386(Part-3)
18	MECHANICAL- BUILDINGS MATERIALS	Concrete Pavers Blocks	Compressive Strength	IS:15658: Annexure D

SCOPE OF ACCREDITATION

Laboratory Name : GAYATHRI ASSOCIATES, PLOT NO: 71, NANDHI HILLS, HUNTER ROAD, HANAMKONDA, WARANGAL, TELANGANA, INDIA

Accreditation Standard ISO/IEC 17025:2017

Certificate Number TC-8088 **Page No** 2 of 2

Validity 28/12/2020 to 27/12/2022 **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	Concrete Pavers Blocks	Water Absorption	IS:15658 Annexure C
20	MECHANICAL- BUILDINGS MATERIALS	Fine Aggregates	Sieve Analysis (Sieve size :10mm, 4.75mm, 2.36mm, 1.18mm, 0.60mm, 0.30mm and 0.15mm)	IS:2386 (Part 1)
21	MECHANICAL- BUILDINGS MATERIALS	Fine Aggregates	Specific Gravity	IS:2386 (Part-3)
22	MECHANICAL- BUILDINGS MATERIALS	Fine Aggregates	Water Absorption	IS:2386(Part-3)
23	MECHANICAL- BUILDINGS MATERIALS	Fresh Concrete	Slump	IS:1199
24	MECHANICAL- BUILDINGS MATERIALS	Hardenended Concrete	Compressive Strength	IS:516
25	MECHANICAL- SOIL AND ROCK	Soil	Free Swell Index	IS: 2720 (Part 40)
26	MECHANICAL- SOIL AND ROCK	Soil	Grain Size Analysis (Sieve size :100mm, 75mm, 19mm, 4.75mm, 2mm, 0.425mm & 0.075mm)	IS: 2720 (Part 4)
27	MECHANICAL- SOIL AND ROCK	Soil	Heavy Compaction (MDD)	IS: 2720 (Part 8)
28	MECHANICAL- SOIL AND ROCK	Soil	Heavy Compaction (OMC)	IS: 2720 (Part 8)
29	MECHANICAL- SOIL AND ROCK	Soil	Light Compaction (MDD)	IS: 2720 (Part 7)
30	MECHANICAL- SOIL AND ROCK	Soil	Light Compaction (OMC)	IS: 2720 (Part 7)
31	MECHANICAL- SOIL AND ROCK	Soil	Liquid Limit	IS: 2720 (Part 5)
32	MECHANICAL- SOIL AND ROCK	Soil	Plastic Limit	IS: 2720 (Part 5)