National Accreditation Board for Testing and Calibration Laboratories

SCOPE OF ACCREDITATION

Laboratory Name : TECHNOCRAT ENGINEERING SERVICES & LAB, A-3 & A-4, TILAK PARK SOCIETY, HARNI ROAD, VADODARA, GUJARAT, INDIA

Accreditation Standard ISO/IEC 17025:2017

Certificate Number TC-11273 **Page No** 1 of 2

Validity 06/01/2023 to 05/01/2025 **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	Burnt Clay Bricks	Compressive strength	IS 3495 (Part:1)
2	MECHANICAL- BUILDINGS MATERIALS	Burnt Clay Bricks	Dimension - Height	IS 1077
3	MECHANICAL- BUILDINGS MATERIALS	Burnt Clay Bricks	Dimension - Length	IS 1077
4	MECHANICAL- BUILDINGS MATERIALS	Burnt Clay Bricks	Dimension - Width	IS 1077
5	MECHANICAL- BUILDINGS MATERIALS	Burnt Clay Bricks	Efflorescence test	IS 3495 (Part:3)
6	MECHANICAL- BUILDINGS MATERIALS	Burnt Clay Bricks	Water absorption	IS 3495 (Part:2)
7	MECHANICAL- BUILDINGS MATERIALS	Coarse Aggregate	Abrasion value (by Loss Angeles)	IS 2386 (Part:4)
8	MECHANICAL- BUILDINGS MATERIALS	Coarse Aggregate	Bulk Density	IS 2386 (Part:3)
9	MECHANICAL- BUILDINGS MATERIALS	Coarse Aggregate	Crushing Value	IS 2386 (Part:4)
10	MECHANICAL- BUILDINGS MATERIALS	Coarse Aggregate	Elongation Index	IS 2386 (Part-1) CL No.05
11	MECHANICAL- BUILDINGS MATERIALS	Coarse Aggregate	Flakiness Index	IS 2386 (Part:1) CL No.04
12	MECHANICAL- BUILDINGS MATERIALS	Coarse Aggregate	Impact value	IS 2386 (Part:4)
13	MECHANICAL- BUILDINGS MATERIALS	Coarse Aggregate	Sieve analysis / gradation of aggregate (63 mm to 10 mm)	IS 2386 (Part:1)
14	MECHANICAL- BUILDINGS MATERIALS	Coarse Aggregate	Specific gravity	IS 2386 (Part:3)
15	MECHANICAL- BUILDINGS MATERIALS	Coarse Aggregate	Water absorption	IS 2386 (Part:3) CL No.02
16	MECHANICAL- BUILDINGS MATERIALS	Fine Aggregate	Bulk Density	IS 2386 (Part:3)
17	MECHANICAL- BUILDINGS MATERIALS	Fine Aggregate	Sieve Analysis (4.75 mm to 75 Micron)	IS 2386 (Part:1)
18	MECHANICAL- BUILDINGS MATERIALS	Fine Aggregate	Specific gravity	IS 2386 (Part:3)

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19	MECHANICAL- BUILDINGS MATERIALS	Fine Aggregate	Water absorption	IS 2386 (Part:3) CL No.2
20	MECHANICAL- BUILDINGS MATERIALS	Hardened Concrete	Compressive Strength	IS 516
21	MECHANICAL- BUILDINGS MATERIALS	Paver block	Compressive strength	IS 15658
22	MECHANICAL- BUILDINGS MATERIALS	Paver block	Water absorption	IS 15658
23	MECHANICAL- SOIL AND ROCK	Soil	Free Swell Index	IS 2720 (Part:40)
24	MECHANICAL- SOIL AND ROCK	Soil	Grain size analysis (4.75 mm to 75 micron)	IS 2720 (Part:4)
25	MECHANICAL- SOIL AND ROCK	Soil	Heavy Compaction - MDD	IS 2720 (Part:8)
26	MECHANICAL- SOIL AND ROCK	Soil	Heavy Compaction - OMC	IS 2720 (Part:8)
27	MECHANICAL- SOIL AND ROCK	Soil	Light Compaction - MDD	IS 2720 (Part:7)
28	MECHANICAL- SOIL AND ROCK	Soil	Light Compaction - OMC	IS 2720 (Part:7)
29	MECHANICAL- SOIL AND ROCK	Soil	Liquid Limit	IS 2720 (Part:5)
30	MECHANICAL- SOIL AND ROCK	Soil	Plastic Limit	IS 2720 (Part:5)
31	MECHANICAL- SOIL AND ROCK	Soil	Specific gravity	IS 2720 (Part:3) Sec.01
32	MECHANICAL- SOIL AND ROCK	Soil	Water content	IS 2720 (Part:2)