National Accreditation Board for Testing and Calibration Laboratories

SCOPE OF ACCREDITATION

Laboratory Name : PRAGNA TEST HOUSE AND ENGINEERING SERVICES PRIVATE LIMITED (ENGINEERING LABORATORY), SY.NO. 454 & 492, NH-16, BOPPUDI, CHILAKALURIPET, GUNTUR, ANDHRA PRADESH, INDIA

Accreditation Standard ISO/IEC 17025:2017

Certificate Number TC-7749 **Page No** 1 of 2

Validity 13/03/2022 to 12/03/2024 **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	Bricks	Compressive strength	IS 3495 (Part 1).
2	MECHANICAL- BUILDINGS MATERIALS	Bricks	Water absorption	IS 3495 (Part 2).
3	MECHANICAL- BUILDINGS MATERIALS	Cement	Compressive strength	IS 4031 (Part 6).
4	MECHANICAL- BUILDINGS MATERIALS	Cement	Consistency	IS 4031 (Part 4).
5	MECHANICAL- BUILDINGS MATERIALS	Cement	Density	IS 4031 (Part 11).
6	MECHANICAL- BUILDINGS MATERIALS	Cement	Final setting time	IS 4031 (Part 5).
7	MECHANICAL- BUILDINGS MATERIALS	Cement	Fineness (Blane's method)	IS 4031 (Part 2).
8	MECHANICAL- BUILDINGS MATERIALS	Cement	Initial setting time	IS 4031 (Part 5).
9	MECHANICAL- BUILDINGS MATERIALS	Cement	Soundness (Le-Chatelier's method)	IS 4031 (Part 3).
10	MECHANICAL- BUILDINGS MATERIALS	Coarse Aggregate	Crushing value	IS 2386 (Part 4).
11	MECHANICAL- BUILDINGS MATERIALS	Coarse Aggregate	Elongation Index	IS 2386 (Part 1).
12	MECHANICAL- BUILDINGS MATERIALS	Coarse Aggregate	Flakiness Index	IS 2386 (Part 1).
13	MECHANICAL- BUILDINGS MATERIALS	Coarse Aggregate	Impact value	IS 2386 (Part 4).
14	MECHANICAL- BUILDINGS MATERIALS	Coarse Aggregate	Sieve Analysis	IS 2386 (Part 1).
15	MECHANICAL- BUILDINGS MATERIALS	Coarse Aggregate	Specific Gravity	IS 2386 (Part 3).
16	MECHANICAL- BUILDINGS MATERIALS	Concrete	Compressive strength	IS 516
17	MECHANICAL- BUILDINGS MATERIALS	Fine Aggregate	Bulk Density Loose	IS 2386 (Part 3).
18	MECHANICAL- BUILDINGS MATERIALS	Fine Aggregate	Bulk Density Rodded	IS 2386 (Part 3)

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19	MECHANICAL- BUILDINGS MATERIALS	Fine Aggregate	Bulking	IS 2386 (Part 3)
20	MECHANICAL- BUILDINGS MATERIALS	Fine Aggregate	Materials finer than 75 micron	IS 2386 (Part 1)
21	MECHANICAL- BUILDINGS MATERIALS	Fine Aggregate	Sieve Analysis	IS 2386 (Part 1).
22	MECHANICAL- BUILDINGS MATERIALS	Fine Aggregate	Specific Gravity	IS 2386 (Part 3).
23	MECHANICAL- BUILDINGS MATERIALS	Fine Aggregate	Water Absorption	IS 2386 (Part 3).
24	MECHANICAL- SOIL AND ROCK	Soil	California Bearing Ratio (CBR)	IS 2720 (Part 16)
25	MECHANICAL- SOIL AND ROCK	Soil	Free Swelling Index	IS 2720 (Part 40)
26	MECHANICAL- SOIL AND ROCK	Soil	Grain Size Analysis by sieving	IS 2720 (Part 4).
27	MECHANICAL- SOIL AND ROCK	Soil	Liquid Limit	IS 2720 (Part 5).
28	MECHANICAL- SOIL AND ROCK	Soil	Modified Proctor Compaction (Heavy)	IS 2720 (Part 8)
29	MECHANICAL- SOIL AND ROCK	Soil	Modified Proctor Compaction (Heavy)	IS 2720 (Part 8)
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 1 & 2)
32	MECHANICAL- SOIL AND ROCK	Soil	Standard Proctor Compaction (Light)	IS 2720 (Part 7)
33	MECHANICAL- SOIL AND ROCK	Soil	Standard Proctor Compaction (Light)	IS 2720 (Part 7)
34	MECHANICAL- SOIL AND ROCK	Soil	Water Content	IS 2720 (Part 2)