National Accreditation Board for Testing and Calibration Laboratories

SCOPE OF ACCREDITATION

Laboratory Name : MACRON CONSULTANCY SERVICES & DEVELOPERS (TESTING DIVISION), NO. 788/ 2, ASHRITHA RESIDENCY, 3RD CROSS, ANJANEYA BADAVANE, DAVANGERE, KARNATAKA, INDIA

Accreditation Standard ISO/IEC 17025:2017

Certificate Number TC-9517 **Page No** 1 of 2

Validity 10/05/2021 to 09/05/2023 **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	Compression Strength	IS 3495 (Part 1)
2	MECHANICAL- BUILDINGS MATERIALS	Coarse Aggregates	Bulk density (Loose)	IS: 2386 (Part - 3)
3	MECHANICAL- BUILDINGS MATERIALS	Coarse Aggregates	Bulk Density (Compacted)	IS: 2386 (Part - 3)
4	MECHANICAL- BUILDINGS MATERIALS	Coarse Aggregates	Crushing Value	IS: 2386 (Part - 4)
5	MECHANICAL- BUILDINGS MATERIALS	Coarse Aggregates	Elongation index	IS: 2386 (Part - 1)
6	MECHANICAL- BUILDINGS MATERIALS	Coarse Aggregates	Flakiness index	IS: 2386 (Part - 1)
7	MECHANICAL- BUILDINGS MATERIALS	Coarse Aggregates	Impact Value	IS: 2386 (Part - 4)
8	MECHANICAL- BUILDINGS MATERIALS	Coarse Aggregates	Sieve Analysis (4.75 to 40 mm)	IS: 2386 (Part - 1)
9	MECHANICAL- BUILDINGS MATERIALS	Coarse Aggregates	Specific Gravity	IS: 2386 (Part - 3)
10	MECHANICAL- BUILDINGS MATERIALS	Coarse Aggregates	Water Absorption	IS: 2386 (Part - 3)
11	MECHANICAL- BUILDINGS MATERIALS	Concrete Core	Compressive Strength	IS: 516 (Part - 4):
12	MECHANICAL- BUILDINGS MATERIALS	Concrete Cube	Compression Strength	IS 516
13	MECHANICAL- BUILDINGS MATERIALS	Concrete Solid Blocks	Compression Strength	IS: 2185 (Part -1)
14	MECHANICAL- BUILDINGS MATERIALS	Fine Aggregates	Bulk Density (Compacted)	IS: 2386 (Part - 3)
15	MECHANICAL- BUILDINGS MATERIALS	Fine Aggregates	Bulk Density (Loose)	IS: 2386 (Part - 3)
16	MECHANICAL- BUILDINGS MATERIALS	Fine Aggregates	Materialfiner than 75 microns	IS: 2386 (Part - 1)
17	MECHANICAL- BUILDINGS MATERIALS	Fine Aggregates	Sieve Analysis (0.075 to 10 mm)	IS: 2386 (Part - 1)
18	MECHANICAL- BUILDINGS MATERIALS	Fine Aggregates	Specific Gravity	IS: 2386 (Part - 3)

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19	MECHANICAL- BUILDINGS MATERIALS	Fine Aggregates	Water Absorption	IS: 2386 (Part - 3)
20	MECHANICAL- SOIL AND ROCK	Soil	Free Swell Index	IS: 2720 (Part - 40)
21	MECHANICAL- SOIL AND ROCK	Soil	Grain Size Analysis (Dry Analysis)	IS: 2720 (Part - 4)
22	MECHANICAL- SOIL AND ROCK	Soil	Grain Size Analysis (Wet Analysis)	IS: 2720 (Part - 4)
23	MECHANICAL- SOIL AND ROCK	Soil	Heavy Compaction - Maximum Dry Density	IS: 2720 (Part - 8)
24	MECHANICAL- SOIL AND ROCK	Soil	Heavy Compaction - Optimum Moisture Content	IS: 2720 (Part - 8)
25	MECHANICAL- SOIL AND ROCK	Soil	Light Compaction - Maximum Dry Density	IS: 2720 (Part - 7)
26	MECHANICAL- SOIL AND ROCK	Soil	Light Compaction - Optimum Moisture Content	IS: 2720 (Part - 7)
27	MECHANICAL- SOIL AND ROCK	Soil	Liquid Limit	IS: 2720 (Part - 5)
28	MECHANICAL- SOIL AND ROCK	Soil	Plastic Limit	IS: 2720 (Part - 5)
29	MECHANICAL- SOIL AND ROCK	Soil	Soaked CBR	IS 2720-16
30	MECHANICAL- SOIL AND ROCK	Soil	Water Content	IS: 2720 (Part - 2)