National Accreditation Board for Testing and Calibration Laboratories

SCOPE OF ACCREDITATION

Laboratory Name : RAICON LABS PVT LTD, PLOT NO 2943/7047, SAPTASATI VIHAR, RASULGARH, MANCHESWAR, BHUBANESWAR, KHORDHA, ODISHA, INDIA

Accreditation Standard ISO/IEC 17025:2017

Certificate Number TC-9870 **Page No** 1 of 2

Validity 17/09/2021 to 16/09/2023 **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	Building Bricks	Compressive Strength	IS 3495 (P-1)
2	MECHANICAL- BUILDINGS MATERIALS	Building Bricks	Dimension-Length	IS 1077
3	MECHANICAL- BUILDINGS MATERIALS	Building Bricks	Efflorescence	IS 3495 (P-3)
4	MECHANICAL- BUILDINGS MATERIALS	Building Bricks	Water Absorption	IS 3495 (P-2)
5	MECHANICAL- BUILDINGS MATERIALS	Coarse Aggregate	10% fines Value	IS 2386(P-4)
6	MECHANICAL- BUILDINGS MATERIALS	Coarse Aggregate	Bulk density	IS 2386(P-3)
7	MECHANICAL- BUILDINGS MATERIALS	Coarse Aggregate	Crushing Value	IS 2386(P-4)
8	MECHANICAL- BUILDINGS MATERIALS	Coarse Aggregate	Impact Value	IS 2386(P-4)
9	MECHANICAL- BUILDINGS MATERIALS	Coarse Aggregate	Sieve Analysis (2.36 mm to 80 mm)	IS 2386 (P-1)
10	MECHANICAL- BUILDINGS MATERIALS	Coarse Aggregate	Soundness	IS 2386(P-5)
11	MECHANICAL- BUILDINGS MATERIALS	Coarse Aggregate	Specific Gravity	IS 2386(P-3)
12	MECHANICAL- BUILDINGS MATERIALS	Coarse Aggregate	Total Deleterious Material	IS 2386(P-1&2)
13	MECHANICAL- BUILDINGS MATERIALS	Coarse Aggregate	Water Absorption	IS 2386(P-3)
14	MECHANICAL- BUILDINGS MATERIALS	Coarse Aggregates	Elongation Index	IS 2386(P-1)
15	MECHANICAL- BUILDINGS MATERIALS	Coarse Aggregates	Flakiness Index	IS 2386(P-1)
16	MECHANICAL- BUILDINGS MATERIALS	Concrete	Compressive Strength of Cube	IS 516
17	MECHANICAL- BUILDINGS MATERIALS	Fine Aggregate	Bulk Density	IS 2386 (P-3)
18	MECHANICAL- BUILDINGS MATERIALS	Fine Aggregate	Organic Impurities	IS 2386 (P-2)

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19	MECHANICAL- BUILDINGS MATERIALS	Fine Aggregate	Sieve analysis (0.150 mm to 10 mm)	IS 2386 (P-1)
20	MECHANICAL- BUILDINGS MATERIALS	Fine Aggregate	Soundness	IS 2386 (P-5)
21	MECHANICAL- BUILDINGS MATERIALS	Fine Aggregate	Specific Gravity	IS 2386 (P-3)
22	MECHANICAL- BUILDINGS MATERIALS	Fine Aggregate	Total Deleterious Material	IS 2386(P-1&2)
23	MECHANICAL- BUILDINGS MATERIALS	Fine Aggregate	Water absorption	IS 2386 (P-3)
24	MECHANICAL- SOIL AND ROCK	Soil & Granular Material	C.B.R.	IS 2720(P-16)
25	MECHANICAL- SOIL AND ROCK	Soil & Granular Material	Free Soil Index	IS 2720 (P-40)
26	MECHANICAL- SOIL AND ROCK	Soil & Granular Material	Liquid limit	IS 2720(P-5)
27	MECHANICAL- SOIL AND ROCK	Soil & Granular Material	Maximum Dry Density	IS 2720(P-7)
28	MECHANICAL- SOIL AND ROCK	Soil & Granular Material	Maximum Dry Density	IS 2720(P-8)
29	MECHANICAL- SOIL AND ROCK	Soil & Granular Material	Moisture Content	IS 2720(P-2)
30	MECHANICAL- SOIL AND ROCK	Soil & Granular Material	Optimum Moisture Content	IS 2720(P-7)
31	MECHANICAL- SOIL AND ROCK	Soil & Granular Material	Optimum Moisture Content	IS 2720(P-8)
32	MECHANICAL- SOIL AND ROCK	Soil & Granular Material	Plastic limit	IS 2720(P-5)
33	MECHANICAL- SOIL AND ROCK	Soil & Granular Material	Specific Gravity	IS 2720 (P-3/S-1)
34	MECHANICAL- SOIL AND ROCK	Stone	Dry Density	IS 13030
35	MECHANICAL- SOIL AND ROCK	Stone	Moisture Content	IS -13030
36	MECHANICAL- SOIL AND ROCK	Stone	Water Absorption	IS 1124