National Accreditation Board for Testing and Calibration Laboratories

SCOPE OF ACCREDITATION

Laboratory Name : UBIXA (TESTING LABORATORY), SATURNA, BADNERA ROAD, AMRAVATI, MAHARASHTRA, INDIA

Accreditation Standard ISO/IEC 17025:2017

Certificate Number TC-9534 **Page No** 1 of 4

Validity 18/05/2021 to 17/05/2023 **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	Aggregate (Coarse)	% of voids	IS 2386 (Part-3)
2	MECHANICAL- BUILDINGS MATERIALS	Aggregate (Coarse)	Bulk Density	IS 2386 (Part-3)
3	MECHANICAL- BUILDINGS MATERIALS	Aggregate (Coarse)	Crushing Value	IS 2386 (Part-4)
4	MECHANICAL- BUILDINGS MATERIALS	Aggregate (Coarse)	Elongation Index	IS 2386 (Part-1)
5	MECHANICAL- BUILDINGS MATERIALS	Aggregate (Coarse)	Flakiness Index	IS 2386 (Part-1)
6	MECHANICAL- BUILDINGS MATERIALS	Aggregate (Coarse)	Impact Value	IS 2386 (Part-4)
7	MECHANICAL- BUILDINGS MATERIALS	Aggregate (Coarse)	Los Angeles Abrasion Value	IS 2386 (Part-4)
8	MECHANICAL- BUILDINGS MATERIALS	Aggregate (Coarse)	Sieve Analysis (4.75 to 80 mm)	IS 2386 (Part-1)
9	MECHANICAL- BUILDINGS MATERIALS	Aggregate (Coarse)	Specific Gravity	IS 2386 (Part-3)
10	MECHANICAL- BUILDINGS MATERIALS	Aggregate (Coarse)	Water Absorption	IS 2386 (Part-3)
11	MECHANICAL- BUILDINGS MATERIALS	Aggregate (Fine)	% of Voids	IS 2386 (Part-3)
12	MECHANICAL- BUILDINGS MATERIALS	Aggregate (Fine)	Bulk Density	IS 2386 (Part 3)
13	MECHANICAL- BUILDINGS MATERIALS	Aggregate (Fine)	Organic Impurities	IS 2386 (Part 2)
14	MECHANICAL- BUILDINGS MATERIALS	Aggregate (Fine)	Sieve Analysis (10 to 0.075 mm)	IS 2386 (Part-1)
15	MECHANICAL- BUILDINGS MATERIALS	Aggregate (Fine)	Silt Content	IS 2386
16	MECHANICAL- BUILDINGS MATERIALS	Aggregate (Fine)	Specific Gravity	IS 2386 (Part 3)
17	MECHANICAL- BUILDINGS MATERIALS	Aggregate (Fine)	Surface moisture Contents	IS 2386 (Part 3)
18	MECHANICAL- BUILDINGS MATERIALS	Aggregate (Fine)	Water Absorption	IS 2386 (Part 3)

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19	MECHANICAL- BUILDINGS MATERIALS	Bricks	Dimension - Height.	IS 1077
20	MECHANICAL- BUILDINGS MATERIALS	Bricks (Burnt Clay/ Fly Ash)	Compressive Strength	IS 3495 (Part-1)
21	MECHANICAL- BUILDINGS MATERIALS	Bricks (Burnt Clay/ Fly Ash)	Dimension - Length	IS 1077
22	MECHANICAL- BUILDINGS MATERIALS	Bricks (Burnt Clay/ Fly Ash)	Dimension - Width	IS 1077
23	MECHANICAL- BUILDINGS MATERIALS	Bricks/ (Burnt Clay/ Fly Ash)	Water Absorption	IS 3495 (Part-2)
24	MECHANICAL- BUILDINGS MATERIALS	Cement	Consistency	IS 4031 (Part-4):
25	MECHANICAL- BUILDINGS MATERIALS	Cement - OPC, PPC	Compressive Strength	IS 4031 (Part-6)
26	MECHANICAL- BUILDINGS MATERIALS	Cement - OPC, PPC	Density	IS 4031 (Part-11)
27	MECHANICAL- BUILDINGS MATERIALS	Cement - OPC, PPC	Final Setting Time	IS 4031 (Part-5)
28	MECHANICAL- BUILDINGS MATERIALS	Cement - OPC, PPC	Fineness by Blaine Air Permeability	IS 4031 (Part-2)
29	MECHANICAL- BUILDINGS MATERIALS	Cement - OPC, PPC	Initial Setting Time	IS 4031 (Part-5)
30	MECHANICAL- BUILDINGS MATERIALS	Cement - OPC, PPC	Soundness by Le - Chatelier	IS 4031 (Part-3)
31	MECHANICAL- BUILDINGS MATERIALS	Cement - OPC, PPC,	Fineness by Dry Sieving	IS 4031 (Part-1)
32	MECHANICAL- BUILDINGS MATERIALS	Concrete Beam	Flexural Strength	IS 516
33	MECHANICAL- BUILDINGS MATERIALS	Concrete Cube and Core	Compressive Strength	IS 516
34	MECHANICAL- SOIL AND ROCK	Soil / Murum	California Bearing Ratio	IS 2720 Part-16
35	MECHANICAL- SOIL AND ROCK	Soil / Murum	Free Swell Index	IS 2720 Part-40
36	MECHANICAL- SOIL AND ROCK	Soil / Murum	Grain Size Analysis 1. Above 4.75 mm 2. 4.75 mm to 0.075 mm (Wet and Dry Analysis)	IS 2720 Part-4

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37	MECHANICAL- SOIL AND ROCK	Soil / Murum	Heavy Compaction - Maximum Dry Density	IS 2720 Part-8
38	MECHANICAL- SOIL AND ROCK	Soil / Murum	Heavy Compaction - Optimum Moisture Content	IS 2720 Part-8
39	MECHANICAL- SOIL AND ROCK	Soil / Murum	Light Compaction - Maximum Dry Density	IS 2720 Part-7
40	MECHANICAL- SOIL AND ROCK	Soil / Murum	Light Compaction - Optimum Moisture Content	IS 2720 Part-7
41	MECHANICAL- SOIL AND ROCK	Soil / Murum	Liquid Limit by Cone Penetrometer.	IS 2720 Part-5
42	MECHANICAL- SOIL AND ROCK	Soil / Murum	Permeability by Falling Head	IS 2720 Part-17
43	MECHANICAL- SOIL AND ROCK	Soil / Murum	Plastic Limit	IS 2720 Part-5
44	MECHANICAL- SOIL AND ROCK	Soil / Murum	Shrinkage Limit	IS 2720 Part-6
45	MECHANICAL- SOIL AND ROCK	Soil / Murum	Specific Gravity	IS 2720 Part-3
46	MECHANICAL- SOIL AND ROCK	Soil / Murum	Water Content by Oven Drying Method	IS 2720 Part-2

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Site Facility				
1	MECHANICAL- BUILDINGS MATERIALS	Fresh Concrete	Compaction Factor	IS 1199 (Part-2)
2	MECHANICAL- BUILDINGS MATERIALS	Fresh Concrete	Slump Cone	IS 1199 (Part-2)
3	NON-DESTRUCTIVE-BUILDING MATERIALS - REINFORCED CONCRETE STRUCTURES	Concrete Structure	Half Cell Potential Test (Corrosion Analysis)	ASTM C876
4	NON-DESTRUCTIVE-BUILDING MATERIALS - REINFORCED CONCRETE STRUCTURES	Concrete Structure	Rebound Hammer Test	IS 13311 (part 2)
5	NON-DESTRUCTIVE-BUILDING MATERIALS - REINFORCED CONCRETE STRUCTURES	Concrete Structure	Ultrasonic Pulse Velocity Test	IS 13311 (Part-1)
6	NON-DESTRUCTIVE-BUILDING MATERIALS - REINFORCED CONCRETE STRUCTURES	Concrete Structure depth	Carbonation Test	IS 516 Section 3 Part 5