National Accreditation Board for Testing and Calibration Laboratories

SCOPE OF ACCREDITATION

Laboratory Name : KRITYA TESTING LABORATORIES PRIVATE LIMITED, H. NO. 495/1, GALA NO. 1, GROUND FLOOR, SHIV KRUPA APARTMENT, THANE, MAHARASHTRA, INDIA

Accreditation Standard ISO/IEC 17025:2017

Certificate Number TC-9381 **Page No** 1 of 3

Validity 30/03/2021 to 29/03/2023 **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	Dimensions (Height)	IS 3495 (P-3)
3	MECHANICAL- BUILDINGS MATERIALS	Building Bricks	Dimensions (Length)	IS 3495 (P-3)
4	MECHANICAL- BUILDINGS MATERIALS	Building Bricks	Dimensions (Width)	IS 3495 (P-3)
5	MECHANICAL- BUILDINGS MATERIALS	Building Bricks	Efflorescence	IS 3495 (P-3)
6	MECHANICAL- BUILDINGS MATERIALS	Building Bricks	Water Absorption	IS 3495 (P-2)
7	MECHANICAL- BUILDINGS MATERIALS	Coarse Aggregate	10% Fines Value	IS 2386 (P-4)
8	MECHANICAL- BUILDINGS MATERIALS	Coarse Aggregate	Aggregate Crushing Value	IS 2386 (P-4)
9	MECHANICAL- BUILDINGS MATERIALS	Coarse Aggregate	Aggregate Impact Value	IS 2386 (p-4)
10	MECHANICAL- BUILDINGS MATERIALS	Coarse Aggregate	Elongation Index	IS 2386 (P-1)
11	MECHANICAL- BUILDINGS MATERIALS	Coarse Aggregate	Flakiness Index	IS 2386 (P-1)
12	MECHANICAL- BUILDINGS MATERIALS	Coarse Aggregate	Sieve Analysis	IS 2386
13	MECHANICAL- BUILDINGS MATERIALS	Fine & Coarse Aggregate	Specific Gravity	IS 2386 (P-3)
14	MECHANICAL- BUILDINGS MATERIALS	Fine & Coarse aggregate	Unit Weight(Bulk Density)	IS 2386
15	MECHANICAL- BUILDINGS MATERIALS	Fine & Coarse Aggregate	Water Absorption	IS 2386 (P-3)
16	MECHANICAL- BUILDINGS MATERIALS	Fine Aggregate	Sieve Analysis	IS 2386 part 1
17	MECHANICAL- BUILDINGS MATERIALS	Fine Aggregate	Silt Content	IS 2386
18	MECHANICAL- BUILDINGS MATERIALS	Hardened Concrete	Compressive Strength	IS 516

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19	MECHANICAL- BUILDINGS MATERIALS	Hardened Concrete	Flexural Strength	IS 516
20	MECHANICAL- BUILDINGS MATERIALS	Ordinary Portland Cement & Pozzolanic Portland Cement	Consistency	IS 4031 (P-4)
21	MECHANICAL- BUILDINGS MATERIALS	Ordinary Portland Cement & Pozzolanic Portland Cement	Fineness by Blains Air Permeability	IS 4031 (P-2)
22	MECHANICAL- BUILDINGS MATERIALS	Ordinary Portland Cement & Pozzolanic Portland Cement	Fineness by Dry Sieving	IS 4031 (P-1)
23	MECHANICAL- BUILDINGS MATERIALS	Ordinary Portland Cement and Pozzolanic Portland Cement	Compressive Strength	IS 4031 (P-6)
24	MECHANICAL- BUILDINGS MATERIALS	Ordinary Portland Cement and Pozzolanic Portland Cement	Final Setting Time	IS 4031 (P-5)
25	MECHANICAL- BUILDINGS MATERIALS	Ordinary Portland Cement and Pozzolanic Portland Cement	Initial Setting Time	IS 4031 (P-5)
26	MECHANICAL- BUILDINGS MATERIALS	Ordinary Portland Cement and Pozzolanic Portland Cement	Soundness by Le-Chatelier Test	IS 4031 (P-3)
27	MECHANICAL- BUILDINGS MATERIALS	Ordinary Portland Cement and Pozzolanic Portland Cement	Specific Gravity	IS 4031 (P-11)
28	MECHANICAL- BUILDINGS MATERIALS	Pozzolanic Material	Fineness by Blains Air Permeability Method	IS 1727
29	MECHANICAL- BUILDINGS MATERIALS	Pozzolanic Material	Residue on 45 µ	IS 1727
30	MECHANICAL- BUILDINGS MATERIALS	Pozzolanic Material	Specific Gravity	IS 1727
31	MECHANICAL- SOIL AND ROCK	Soil	California Bearing Ratio (CBR)	IS 2720 (P-16)
32	MECHANICAL- SOIL AND ROCK	Soil	Free Swell Index	IS 2720 (P-40)
33	MECHANICAL- SOIL AND ROCK	Soil	Grain Size Analysis	IS 2720 (P-4)
34	MECHANICAL- SOIL AND ROCK	Soil	Liquid Limit	IS 2720 (P-5)
35	MECHANICAL- SOIL AND ROCK	Soil	maximum dry density by heavy compaction	IS 2720 Part 8
36	MECHANICAL- SOIL AND ROCK	Soil	Moisture Content	IS 2720 (P-2)
37	MECHANICAL- SOIL AND ROCK	Soil	optimum moisture content by heavy compaction	IS 2720 Part 8

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38	MECHANICAL- SOIL AND ROCK	Soil	Plastic Limit	IS 2720 (P-5)
39	MECHANICAL- SOIL AND ROCK	Soil	Specific Gravity	IS 2720 (P-3)
40	NON-DESTRUCTIVE-BUILDING MATERIALS - REINFORCED CONCRETE STRUCTURES	Reinforced Concrete Structure	Carbonation Depth	BSEN 14630
41	NON-DESTRUCTIVE-BUILDING MATERIALS - REINFORCED CONCRETE STRUCTURES	Reinforced Concrete Structure	Half Cell Potential	ASTM C 876
42	NON-DESTRUCTIVE-BUILDING MATERIALS - REINFORCED CONCRETE STRUCTURES	Reinforced Concrete Structure	Rebound Hammer Test	IS 516 part 5
43	NON-DESTRUCTIVE-BUILDING MATERIALS - REINFORCED CONCRETE STRUCTURES	Reinforced Concrete Structure	Ultrasonic Pulse Velocity	IS 516 part 5 sec 1