National Accreditation Board for Testing and Calibration Laboratories

SCOPE OF ACCREDITATION

Laboratory Name : MATERIAL TESTING LABORATORY, CONSTECH ENGINEERS, WHITE GOLD PALACE, SAHKAR NAGAR, NEW COTTON MARKET ROAD, AMRAVATI, MAHARASHTRA, INDIA

Accreditation Standard ISO/IEC 17025:2017

Certificate Number TC-11025 **Page No** 1 of 3

Validity 27/09/2022 to 26/09/2024 **Last Amended on** 23/03/2023

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	AAC Block /CLC Block	Bulk Density	IS : 6441(P-1)
2	MECHANICAL- BUILDINGS MATERIALS	AAC Block/CLC Block	Compressive Strength	IS : 6441(P-5)
3	MECHANICAL- BUILDINGS MATERIALS	AAC Block/CLC Block	Moisture content	IS : 6441(P-1)
4	MECHANICAL- BUILDINGS MATERIALS	AAC Block/CLC Blocks	Dimension	IS : 2185 (P-3)
5	MECHANICAL- BUILDINGS MATERIALS	Bitumen	Penetration Test	IS 1203
6	MECHANICAL- BUILDINGS MATERIALS	Bitumen	Softening Point	IS 1205
7	MECHANICAL- BUILDINGS MATERIALS	Bitumen	Specific Gravity	IS 1202
8	MECHANICAL- BUILDINGS MATERIALS	Burnt clay bricks	Compressive Strength	IS : 3495 (part 1)
9	MECHANICAL- BUILDINGS MATERIALS	Burnt clay bricks	Dimensions	IS : 1077
10	MECHANICAL- BUILDINGS MATERIALS	Burnt clay bricks	Efflorescence	IS : 3495 (part 3)
11	MECHANICAL- BUILDINGS MATERIALS	Burnt clay bricks	Water Absorption	IS : 3495 (part 2)
12	MECHANICAL- BUILDINGS MATERIALS	Coarse Aggregate	% of Void	IS : 2386 (Part 3)
13	MECHANICAL- BUILDINGS MATERIALS	Coarse Aggregate	Crushing Value	IS : 2386 (part 4)
14	MECHANICAL- BUILDINGS MATERIALS	Coarse Aggregate	Elongation index	IS : 2386 (part 1)
15	MECHANICAL- BUILDINGS MATERIALS	Coarse Aggregate	Flakiness index	IS : 2386 (part 1)
16	MECHANICAL- BUILDINGS MATERIALS	Coarse Aggregate	Impact Value	IS : 2386 (part 4)
17	MECHANICAL- BUILDINGS MATERIALS	Coarse Aggregate	Sieve Analysis	IS : 2386 (part-1)
18	MECHANICAL- BUILDINGS MATERIALS	Coarse Aggregate	Specific Gravity	IS : 2386 (part 3)

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19	MECHANICAL- BUILDINGS MATERIALS	Coarse Aggregate	Water Absorption	IS : 2386 (part 3)
20	MECHANICAL- BUILDINGS MATERIALS	Coarse Aggregate up to 40mm	Bulk Density	IS : 2386 (part 3)
21	MECHANICAL- BUILDINGS MATERIALS	Concrete Cube	Compressive Strength	IS 516 (Part 1)
22	MECHANICAL- BUILDINGS MATERIALS	Fine Aggregate	Bulk Density	IS : 2386 (part 3)
23	MECHANICAL- BUILDINGS MATERIALS	Fine Aggregate	Bulking of Sand	IS : 2386 (part 3)
24	MECHANICAL- BUILDINGS MATERIALS	Fine Aggregate	Sieve Analysis	IS : 2386 (part 1)
25	MECHANICAL- BUILDINGS MATERIALS	Fine Aggregate	Water Absorption	IS : 2386 (part 3)
26	MECHANICAL- BUILDINGS MATERIALS	Fine Aggregates	Specific Gravity by pycnometer	IS : 2386 (part 3)
27	MECHANICAL- BUILDINGS MATERIALS	Fine Agregates	% of Void	IS : 2386 (part 3)
28	MECHANICAL- BUILDINGS MATERIALS	Fresh Concrete	Slump Cone Test	IS : 1199 (part 2)
29	MECHANICAL- BUILDINGS MATERIALS	Paver Block	Compressive Strength	IS 15658
30	MECHANICAL- BUILDINGS MATERIALS	Paver Block	Water Absorption Test	IS 15658
31	NON-DESTRUCTIVE-BUILDING MATERIALS - REINFORCED CONCRETE STRUCTURES	Harden Concrete	Ultrasonic Pulse Velocity Test	IS 516 (Part 5 - Sec 1)

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Site Facility				
1	MECHANICAL- BUILDINGS MATERIALS	Fresh Concrete	Slump Cone Test	IS : 1199 (part 2)
2	NON-DESTRUCTIVE-BUILDING MATERIALS - REINFORCED CONCRETE STRUCTURES	Harden Concrete	Rebound Hammer Test	IS 13311 (Part 2)
3	NON-DESTRUCTIVE-BUILDING MATERIALS - REINFORCED CONCRETE STRUCTURES	Harden Concrete	Ultrasonic Pulse Velocity Test	IS 516 (Part 5 - Sec 1)