National Accreditation Board for Testing and Calibration Laboratories

SCOPE OF ACCREDITATION

Laboratory Name : INSTITUTE FOR CONSTRUCTION MATERIALS AND TECHNOLOGIES PRIVATE LIMITED, NO.237, BURMA COLONY, 3RD MAIN ROAD, PERUNGUDI, CHENNAI, TAMIL NADU, INDIA

Accreditation Standard ISO/IEC 17025:2017

Certificate Number TC-5774 **Page No** 1 of 3

Validity 25/07/2021 to 24/07/2023 **Last Amended on** 13/09/2021

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	Admixture	Dry Material Content	IS 9103
2	MECHANICAL- BUILDINGS MATERIALS	Admixture	Relative Density	IS 9103
3	MECHANICAL- BUILDINGS MATERIALS	Cement (OPC, PPC & PSC)	Compressive strength	IS 4031 (Part 6)
4	MECHANICAL- BUILDINGS MATERIALS	Cement (OPC, PPC & PSC)	Density of Cement	IS 4031 (Part 11)
5	MECHANICAL- BUILDINGS MATERIALS	Cement (OPC, PPC & PSC)	Final Setting Time	IS 4031 (Part 5)
6	MECHANICAL- BUILDINGS MATERIALS	Cement (OPC, PPC & PSC)	Fineness (By Blaines Air Permeability method)	IS 4031 (Part 2)
7	MECHANICAL- BUILDINGS MATERIALS	Cement (OPC, PPC & PSC)	Initial Setting Time	IS 4031 (Part 5)
8	MECHANICAL- BUILDINGS MATERIALS	Cement (OPC, PPC & PSC)	Soundness by Le-Chatelier's Apparatus	IS 4031 (Part 3)
9	MECHANICAL- BUILDINGS MATERIALS	Cement (OPC,PPC & PSC)	Consistency	IS 4031 (Part 4)
10	MECHANICAL- BUILDINGS MATERIALS	Coarse Aggregate for Concrete	Bulk Density	IS 2386 (Part 3)
11	MECHANICAL- BUILDINGS MATERIALS	Coarse Aggregate for Concrete	Crushing Value	IS 2386 (Part 4)
12	MECHANICAL- BUILDINGS MATERIALS	Coarse Aggregate for Concrete	Elongation Index	IS 2386 (Part 1)
13	MECHANICAL- BUILDINGS MATERIALS	Coarse Aggregate for Concrete	Flakiness Index	IS 2386 (Part 1)
14	MECHANICAL- BUILDINGS MATERIALS	Coarse Aggregate for Concrete	Impact Value	IS 2386 (Part 4)
15	MECHANICAL- BUILDINGS MATERIALS	Coarse Aggregate for Concrete	Los Angeles Abrasion Value	IS 2386 (Part 4)
16	MECHANICAL- BUILDINGS MATERIALS	Coarse Aggregate for Concrete	Sieve Analysis	IS 2386 (Part 1)
17	MECHANICAL- BUILDINGS MATERIALS	Coarse Aggregate for Concrete	Specific Gravity	IS 2386 (Part 3)
18	MECHANICAL- BUILDINGS MATERIALS	Coarse Aggregate for Concrete	Water Absorption	IS 2386 (Part 3)

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19	MECHANICAL- BUILDINGS MATERIALS	Concrete Beam	Flexural Strength	IS 516
20	MECHANICAL- BUILDINGS MATERIALS	Concrete cube	Compressive strength by Accelerated curing (Boiling water method)	IS 9013
21	MECHANICAL- BUILDINGS MATERIALS	Concrete Cube	Compressive strength test	IS 516
22	MECHANICAL- BUILDINGS MATERIALS	Concrete Cube	Water Permeability test	IS 516 (Part2/Sec1) and MORTH Specification
23	MECHANICAL- BUILDINGS MATERIALS	Concrete Cylinder	Split Tensile Strength	IS 5816
24	MECHANICAL- BUILDINGS MATERIALS	Fine Aggregate for Concrete	Bulk Density	IS 2386 (Part 3)
25	MECHANICAL- BUILDINGS MATERIALS	Fine Aggregate for Concrete	Materials finer than 75 micron	IS 2386 (Part 1)
26	MECHANICAL- BUILDINGS MATERIALS	Fine Aggregate for Concrete	Sieve Analysis	IS 2386 (Part 1)
27	MECHANICAL- BUILDINGS MATERIALS	Fine Aggregate for Concrete	Specific Gravity	IS 2386 (Part 3)
28	MECHANICAL- BUILDINGS MATERIALS	Fine Aggregate for concrete	Water Absorption	IS 2386 (Part 3)
29	MECHANICAL- BUILDINGS MATERIALS	Fly ash	Compressive strength	IS 1727
30	MECHANICAL- BUILDINGS MATERIALS	Fly ash	Consistency	IS 4031 (Part 4)
31	MECHANICAL- BUILDINGS MATERIALS	Fly ash	Density	IS 4031 (Part 11)
32	MECHANICAL- BUILDINGS MATERIALS	Fly ash	Final Setting Time	IS 4031 (Part 5)
33	MECHANICAL- BUILDINGS MATERIALS	Fly ash	Fineness by Blaines Air Permeability	IS 1727
34	MECHANICAL- BUILDINGS MATERIALS	Fly ash	Initial Setting Time	IS 4031 (Part 5)
35	MECHANICAL- BUILDINGS MATERIALS	Fly ash	Particles retained on 45micron Sieve	IS 1727
36	MECHANICAL- BUILDINGS MATERIALS	Fly ash	Soundness by Le-Chatelier's Apparatus	IS 4031 (Part 3)

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37	MECHANICAL- BUILDINGS MATERIALS	Ground Granulated Blast Furnace Slag/ Silica Fume	Consistency	IS 4031 (Part 4)
38	MECHANICAL- BUILDINGS MATERIALS	Ground Granulated Blast Furnace Slag/ Silica Fume	Final Setting Time	IS 4031 (Part 5)
39	MECHANICAL- BUILDINGS MATERIALS	Ground Granulated Blast Furnace Slag/ Silica Fume	Fineness by Blaines Air Permeability	IS 4031 (Part 2)
40	MECHANICAL- BUILDINGS MATERIALS	Ground Granulated Blast Furnace Slag/ Silica Fume	Initial Setting Time	IS 4031 (Part 5)
41	MECHANICAL- BUILDINGS MATERIALS	Ground Granulated Blast Furnace Slag/ Silica Fume	Particles retained on 45micron sieve Wet Sieving	IS 1727
42	MECHANICAL- BUILDINGS MATERIALS	Ground Granulated Blast Furnace Slag/ Silica Fume	Slag Activity Index	IS 4031 (Part 6)
43	MECHANICAL- BUILDINGS MATERIALS	Ground Granulated Blast Furnace Slag/ Silica Fume	Soundness by Le-Chatelier's Apparatus	IS 4031 (Part 3)
44	MECHANICAL- BUILDINGS MATERIALS	Steel for Concrete Reinforcement	0.2% Proof Stress	IS 1608 (Part 1)
45	MECHANICAL- BUILDINGS MATERIALS	Steel for Concrete Reinforcement	Bend test	IS 1599
46	MECHANICAL- BUILDINGS MATERIALS	Steel for Concrete Reinforcement	Elongation	IS 1608 (Part 1)
47	MECHANICAL- BUILDINGS MATERIALS	Steel for Concrete Reinforcement	Rebend test	IS 1599
48	MECHANICAL- BUILDINGS MATERIALS	Steel for Concrete Reinforcement	Test for Mass	IS 1786
49	MECHANICAL- BUILDINGS MATERIALS	Steel for Concrete Reinforcement	Ultimate Tensile Strength	IS 1608 (Part 1)