



National Accreditation Board for Testing and Calibration Laboratories

SCOPE OF ACCREDITATION

Laboratory Name :

INDEPENDENT TESTING LABORATORY, NATIONAL COUNCIL FOR CEMENT AND BUILDING MATERIALS, PLOT NO 145, ZONE B, SHED NO 4, IDCO CENTRAL STORE, MANCHESWAR INDUSTRIAL ESTATE, BHUBANESWAR, KHORDHA, ODISHA, INDIA

Accreditation Standard

ISO/IEC 17025:2017

Certificate Number

TC-16813

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Validity

22/09/2025 to 21/09/2029

Last Amended on

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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 Testing				
1	CHEMICAL- BUILDING MATERIAL	Composite Cement	Chloride	IS 4032
2	CHEMICAL- BUILDING MATERIAL	Composite Cement	Insoluble Residue	IS 4032
3	CHEMICAL- BUILDING MATERIAL	Composite Cement	Loss on Ignition	IS 4032
4	CHEMICAL- BUILDING MATERIAL	Composite Cement	Magnesium Oxide	IS 4032
5	CHEMICAL- BUILDING MATERIAL	Composite Cement	Potassium Oxide	NCB Monograph (MS-13) Issue No.:01, Issue date : 08th April 2010
6	CHEMICAL- BUILDING MATERIAL	Composite Cement	Sodium Oxide	NCB Monograph (MS-13) Issue No.:01, Issue date : 08th April 2010
7	CHEMICAL- BUILDING MATERIAL	Composite Cement	Sulphur as Sulphide	IS 4032
8	CHEMICAL- BUILDING MATERIAL	Composite Cement	Sulphuric Anhydride	IS 4032
9	CHEMICAL- BUILDING MATERIAL	Ordinary Portland Cement	Aluminium Oxide	IS 4032
10	CHEMICAL- BUILDING MATERIAL	Ordinary Portland Cement	Calcium Oxide	IS 4032
11	CHEMICAL- BUILDING MATERIAL	Ordinary Portland Cement	Chloride	IS 4032
12	CHEMICAL- BUILDING MATERIAL	Ordinary Portland Cement	Insoluble Residue	IS 4032
13	CHEMICAL- BUILDING MATERIAL	Ordinary Portland Cement	Iron Oxide	IS 4032
14	CHEMICAL- BUILDING MATERIAL	Ordinary Portland Cement	Loss on Ignition	IS 4032
15	CHEMICAL- BUILDING MATERIAL	Ordinary Portland Cement	Magnesium Oxide	IS 4032



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16	CHEMICAL- BUILDING MATERIAL	Ordinary Portland Cement	Potassium Oxide	NCB Monograph (MS-13) Issue No.:01, Issue date : 08th April 2010
17	CHEMICAL- BUILDING MATERIAL	Ordinary Portland Cement	Silica	IS 4032
18	CHEMICAL- BUILDING MATERIAL	Ordinary Portland Cement	Sodium Oxide	NCB Monograph (MS-13) Issue No.:01, Issue date : 08th April 2010
19	CHEMICAL- BUILDING MATERIAL	Ordinary Portland Cement	Sulphuric Anhydride	IS 4032
20	CHEMICAL- BUILDING MATERIAL	Portland Pozzolana Cement	Chloride	IS 4032
21	CHEMICAL- BUILDING MATERIAL	Portland Pozzolana Cement	Insoluble Residue	IS 4032
22	CHEMICAL- BUILDING MATERIAL	Portland Pozzolana Cement	Loss on Ignition	IS 4032
23	CHEMICAL- BUILDING MATERIAL	Portland Pozzolana Cement	Magnesium Oxide	IS 4032
24	CHEMICAL- BUILDING MATERIAL	Portland Pozzolana Cement	Potassium Oxide	NCB Monograph (MS-13) Issue No.:01, Issue date : 08th April 2010
25	CHEMICAL- BUILDING MATERIAL	Portland Pozzolana Cement	Sodium Oxide	NCB Monograph (MS-13) Issue No.:01, Issue date : 08th April 2010
26	CHEMICAL- BUILDING MATERIAL	Portland Pozzolana Cement	Sulphuric Anhydride	IS 4032
27	CHEMICAL- BUILDING MATERIAL	Portland Slag Cement	Chloride	IS 4032
28	CHEMICAL- BUILDING MATERIAL	Portland Slag Cement	Insoluble Residue	IS 4032
29	CHEMICAL- BUILDING MATERIAL	Portland Slag Cement	Loss on Ignition	IS 4032
30	CHEMICAL- BUILDING MATERIAL	Portland Slag Cement	Magnesium Oxide	IS 4032



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31	CHEMICAL- BUILDING MATERIAL	Portland Slag Cement	Potassium Oxide	NCB Monograph (MS-13) Issue No.:01, Issue date : 08th April 2010
32	CHEMICAL- BUILDING MATERIAL	Portland Slag Cement	Sodium Oxide	NCB Monograph (MS-13) Issue No.:01, Issue date : 08th April 2010
33	CHEMICAL- BUILDING MATERIAL	Portland Slag Cement	Sulphur as Sulphide	IS 4032
34	CHEMICAL- BUILDING MATERIAL	Portland Slag Cement	Sulphuric Anhydride	IS 4032
35	MECHANICAL- BUILDINGS MATERIALS	Burnt Clay Building Bricks	Compressive Strength	IS 3495(Part 1)
36	MECHANICAL- BUILDINGS MATERIALS	Burnt Clay Building Bricks	Dimension-Height	IS 1077
37	MECHANICAL- BUILDINGS MATERIALS	Burnt Clay Building Bricks	Dimensions- Length	IS 1077
38	MECHANICAL- BUILDINGS MATERIALS	Burnt Clay Building Bricks	Dimensions-Width	IS 1077
39	MECHANICAL- BUILDINGS MATERIALS	Burnt Clay Building Bricks	Efflorescence	IS 3495(Part III)
40	MECHANICAL- BUILDINGS MATERIALS	Burnt Clay Building Bricks	Water Absorption	IS 3495(Part II)
41	MECHANICAL- BUILDINGS MATERIALS	Coarse Aggregate	Abrasion Value(Los Angeles)	IS 2386(Part 4)
42	MECHANICAL- BUILDINGS MATERIALS	Coarse Aggregate	10% Fines Value	IS 2386(Part 4)



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43	MECHANICAL-BUILDINGS MATERIALS	Coarse Aggregate	Crushing Value	IS 2386(Part 4)
44	MECHANICAL-BUILDINGS MATERIALS	Coarse Aggregate	Elongation Index	IS 2386(Part 1)
45	MECHANICAL-BUILDINGS MATERIALS	Coarse Aggregate	Flakiness Index	IS 2386(Part 1)
46	MECHANICAL-BUILDINGS MATERIALS	Coarse Aggregate	Impact Value	IS 2386(Part 4)
47	MECHANICAL-BUILDINGS MATERIALS	Coarse Aggregate	Sieve Analysis(2.36 mm to 80 mm)	IS 2386(Part 1)
48	MECHANICAL-BUILDINGS MATERIALS	Coarse Aggregate	Specific Gravity	IS 2386(Part 3)
49	MECHANICAL-BUILDINGS MATERIALS	Coarse Aggregate	Water Absorption	IS 2386(Part 3)
50	MECHANICAL-BUILDINGS MATERIALS	Composite Cement	Density	IS 4031(Part-11)
51	MECHANICAL-BUILDINGS MATERIALS	Composite Cement	Final Setting Time	IS 4031(Part-5)
52	MECHANICAL-BUILDINGS MATERIALS	Composite Cement	Initial Setting Time	IS 4031(Part-5)
53	MECHANICAL-BUILDINGS MATERIALS	Composite Cement	Compressive Strength	IS 4031(Part-6)
54	MECHANICAL-BUILDINGS MATERIALS	Composite Cement	Drying Shrinkage	IS 4031(Part-10)



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55	MECHANICAL-BUILDINGS MATERIALS	Composite Cement	Fineness (by Blaine Air Permeability Method)	IS:4031 (Part-2)
56	MECHANICAL-BUILDINGS MATERIALS	Composite Cement	Soundness(Autoclave Expansion)	IS 4031(Part-3)
57	MECHANICAL-BUILDINGS MATERIALS	Composite Cement	Soundness(Le chatelier Expansion)	IS 4031(Part-3)
58	MECHANICAL-BUILDINGS MATERIALS	Composite Cement	Standard Consistency	IS 4031(Part-4)
59	MECHANICAL-BUILDINGS MATERIALS	Fine Aggregate	Material Finer than 75 Microns	IS 2386(Part 1)
60	MECHANICAL-BUILDINGS MATERIALS	Fine Aggregate	Sieve Analysis(150 micron to 10 mm)	IS 2386(Part 1)
61	MECHANICAL-BUILDINGS MATERIALS	Fine Aggregate	Specific Gravity	IS 2386(Part 3)
62	MECHANICAL-BUILDINGS MATERIALS	Fine Aggregate	Water Absorption	IS 2386(Part 3)
63	MECHANICAL-BUILDINGS MATERIALS	Hardened Concrete	Compressive Strength	IS 516:Part 1 / Sec 1
64	MECHANICAL-BUILDINGS MATERIALS	Ordinary Portland Cement	Compressive Strength	IS 4031(Part 6)
65	MECHANICAL-BUILDINGS MATERIALS	Ordinary Portland Cement	Density	IS 4031(Part-11)
66	MECHANICAL-BUILDINGS MATERIALS	Ordinary Portland Cement	Final Setting Time	IS 4031(Part-5)



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67	MECHANICAL-BUILDINGS MATERIALS	Ordinary Portland Cement	Fineness (by Blaine Air Permeability Method)	IS:4031 (Part-2)
68	MECHANICAL-BUILDINGS MATERIALS	Ordinary Portland Cement	Initial Setting Time	IS 4031(Part-5)
69	MECHANICAL-BUILDINGS MATERIALS	Ordinary Portland Cement	Soundness(Autoclave Expansion)	IS 4031(Part-3)
70	MECHANICAL-BUILDINGS MATERIALS	Ordinary Portland Cement	Soundness(Le chatelier Expansion)	IS 4031(Part-3)
71	MECHANICAL-BUILDINGS MATERIALS	Ordinary Portland Cement	Standard Consistency	IS 4031(Part-4)
72	MECHANICAL-BUILDINGS MATERIALS	Portland Pozzolana Cement	Compressive Strength	IS 4031(Part 6)
73	MECHANICAL-BUILDINGS MATERIALS	Portland Pozzolana Cement	Density	IS 4031(Part-11)
74	MECHANICAL-BUILDINGS MATERIALS	Portland Pozzolana Cement	Drying Shrinkage	IS 4031(Part-10)
75	MECHANICAL-BUILDINGS MATERIALS	Portland Pozzolana Cement	Final Setting Time	IS 4031(Part-5)
76	MECHANICAL-BUILDINGS MATERIALS	Portland Pozzolana Cement	Fineness (by Blaine Air Permeability Method)	IS:4031 (Part-2)
77	MECHANICAL-BUILDINGS MATERIALS	Portland Pozzolana Cement	Initial Setting Time	IS 4031(Part-5)
78	MECHANICAL-BUILDINGS MATERIALS	Portland Pozzolana Cement	Soundness(Autoclave Expansion)	IS 4031(Part-3)



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79	MECHANICAL-BUILDINGS MATERIALS	Portland Pozzolana Cement	Soundness(Le chatelier Expansion)	IS 4031(Part-3)
80	MECHANICAL-BUILDINGS MATERIALS	Portland Pozzolana Cement	Standard Consistency	IS 4031(Part-4)
81	MECHANICAL-BUILDINGS MATERIALS	Portland Slag Cement	Compressive Strength	IS 4031(Part 6)
82	MECHANICAL-BUILDINGS MATERIALS	Portland Slag Cement	Density	IS 4031(Part-11)
83	MECHANICAL-BUILDINGS MATERIALS	Portland Slag Cement	Final Setting Time	IS 4031(Part-5)
84	MECHANICAL-BUILDINGS MATERIALS	Portland Slag Cement	Fineness (by Blaine Air Permeability Method)	IS:4031 (Part-2)
85	MECHANICAL-BUILDINGS MATERIALS	Portland Slag Cement	Initial Setting Time	IS 4031(Part-5)
86	MECHANICAL-BUILDINGS MATERIALS	Portland Slag Cement	Soundness(Autoclave Expansion)	IS 4031(Part-3)
87	MECHANICAL-BUILDINGS MATERIALS	Portland Slag Cement	Soundness(Le chatelier Expansion)	IS 4031(Part-3)
88	MECHANICAL-BUILDINGS MATERIALS	Portland Slag Cement	Standard Consistency	IS 4031(Part-4)