National Accreditation Board for Testing and Calibration Laboratories

SCOPE OF ACCREDITATION

Laboratory Name : QC LABORATORY, JK CEMENT WORKS MUDDAPUR, MUDDAPUR, MUDHOL, BAGALKOT, KARNATAKA, INDIA

Accreditation Standard ISO/IEC 17025:2017

Certificate Number TC-8441 **Page No** 1 of 4

Validity 12/04/2022 to 11/04/2024 **Last Amended on** 28/04/2022

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	CHEMICAL- BUILDING MATERIAL	Ordinary Portland Cement	Aluminium Oxide	IS 4032(Clause 4.6.2)
2	CHEMICAL- BUILDING MATERIAL	Ordinary Portland Cement	Calcium Oxide	IS 4032(Clause 4.7.2)
3	CHEMICAL- BUILDING MATERIAL	Ordinary Portland cement	Chloride	IS 4032(Clause 4.13 & Amend 02)
4	CHEMICAL- BUILDING MATERIAL	Ordinary Portland Cement	Insoluble Residue	IS 4032 (Clause 4.10)
5	CHEMICAL- BUILDING MATERIAL	Ordinary Portland Cement	Iron Oxide	IS 4032(Clause 4.5.2)
6	CHEMICAL- BUILDING MATERIAL	Ordinary Portland Cement	Loss on Ignition	IS 4032 (Clause 4.2)
7	CHEMICAL- BUILDING MATERIAL	Ordinary Portland Cement	Magnesium Oxide	IS 4032 (Clause 4.8.2)
8	CHEMICAL- BUILDING MATERIAL	Ordinary Portland Cement	Silicon Oxide	IS 4032 (Clause 4.3)
9	CHEMICAL- BUILDING MATERIAL	Ordinary Portland Cement	Sulphuric Anhydride	IS 4032 (Clause 4.9)
10	CHEMICAL- BUILDING MATERIAL	Portland Pozzolana Cement	Aluminium Oxide	IS 4032 (Clause 4.6.2)
11	CHEMICAL- BUILDING MATERIAL	Portland Pozzolana Cement	Calcium Oxide	IS 4032 (Clause 4.7.2)
12	CHEMICAL- BUILDING MATERIAL	Portland Pozzolana Cement	Chloride	IS 4032 (Clause 4.13 & Amend 02)
13	CHEMICAL- BUILDING MATERIAL	Portland Pozzolana Cement	Insoluble Residue	IS 4032 (Clause 4.10)
14	CHEMICAL- BUILDING MATERIAL	Portland Pozzolana Cement	Iron Oxide	IS 4032 (Clause 4.5.2)
15	CHEMICAL- BUILDING MATERIAL	Portland Pozzolana Cement	Loss on Ignition	IS 4032 (Clause 4.2)
16	CHEMICAL- BUILDING MATERIAL	Portland Pozzolana Cement	Magnesium Oxide	IS 4032 (Clause 4.8.2)
17	CHEMICAL- BUILDING MATERIAL	Portland Pozzolana Cement	Silicon Oxide	IS 4032(Clause 4.3)
18	CHEMICAL- BUILDING MATERIAL	Portland Pozzolana Cement	Sulphuric Anhydride	IS 4032 (Clause 4.9)

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19	CHEMICAL- BUILDING MATERIAL	Portland Slag Cement	Aluminium Oxide	IS 4032 (Clause 4.6.2)
20	CHEMICAL- BUILDING MATERIAL	Portland Slag Cement	Calcium Oxide	IS 4032 (Clause 4.7.2)
21	CHEMICAL- BUILDING MATERIAL	Portland Slag Cement	Chloride	IS 4032 (Clause 4.13 & Amend 02)
22	CHEMICAL- BUILDING MATERIAL	Portland Slag Cement	Insoluble Residue	IS 4032 (Clause 4.10)
23	CHEMICAL- BUILDING MATERIAL	Portland Slag Cement	Iron Oxide	IS 4032 (Clause 4.5.2)
24	CHEMICAL- BUILDING MATERIAL	Portland Slag Cement	Loss on Ignition	IS 4032 (Clause 4.2)
25	CHEMICAL- BUILDING MATERIAL	Portland Slag Cement	Magnesium Oxide	IS 4032(Clause 4.8.2)
26	CHEMICAL- BUILDING MATERIAL	Portland Slag Cement	Silicon Oxide	IS 4032 (Clause 4.3)
27	CHEMICAL- BUILDING MATERIAL	Portland Slag Cement	Sulphuric Anhydride	IS 4032 (Clause 4.9)
28	CHEMICAL- ORES & MINERALS	Limestone	Aluminium Oxide	IS 1760(Part 3)
29	CHEMICAL- ORES & MINERALS	Limestone	Calcium Oxide	IS 1760 (Part 3)
30	CHEMICAL- ORES & MINERALS	Limestone	Iron Oxide	IS 1760 (Part 3)
31	CHEMICAL- ORES & MINERALS	Limestone	Loss on Ignition	IS 1760 (Part 1)
32	CHEMICAL- ORES & MINERALS	Limestone	Magnesium Oxide	IS 1760 (Part 3)
33	CHEMICAL- ORES & MINERALS	Limestone	Potassium Oxide	NCCBM MS -13
34	CHEMICAL- ORES & MINERALS	Limestone	Silicon Dioxide	IS 1760 (Part 2)
35	CHEMICAL- ORES & MINERALS	Limestone	Sodium Oxide	NCCBM MS-13
36	MECHANICAL- BUILDINGS MATERIALS	Ordinary Portland Cement	Compressive Strength (28 Days)/(672 ± 4 h)	IS 4031 (Part 6)
37	MECHANICAL- BUILDINGS MATERIALS	Ordinary Portland Cement	Compressive Strength (3 Days)/(72 ± 1 h)	IS 4031 (Part 6)

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38	MECHANICAL- BUILDINGS MATERIALS	Ordinary Portland Cement	Compressive Strength (7 Days)/ (168 ± 2 h)	IS 4031 (Part 6)
39	MECHANICAL- BUILDINGS MATERIALS	Ordinary Portland Cement	Final Setting Time	IS 4031 (Part 5)
40	MECHANICAL- BUILDINGS MATERIALS	Ordinary Portland Cement	fineness	IS 4031 (Part 2)
41	MECHANICAL- BUILDINGS MATERIALS	Ordinary Portland Cement	Initial Setting Time	IS 4031 (Part 5)
42	MECHANICAL- BUILDINGS MATERIALS	Ordinary Portland Cement	Soundness by Autoclave	IS 4031 (Part 3)
43	MECHANICAL- BUILDINGS MATERIALS	Ordinary Portland Cement	Soundness by Le-chatelier	IS 4031 (Part 3)
44	MECHANICAL- BUILDINGS MATERIALS	Ordinary Portland Cement	Standard Consistency	IS 4031 (Part 4)
45	MECHANICAL- BUILDINGS MATERIALS	Portland Pozzolana Cement	Compressive Strength (28 Days)/(672 ± 4 h)	IS 4031 (Part 6)
46	MECHANICAL- BUILDINGS MATERIALS	Portland Pozzolana Cement	Compressive Strength (3 Days)/(72 ± 1 h)	IS 4031 (Part 6)
47	MECHANICAL- BUILDINGS MATERIALS	Portland Pozzolana Cement	Compressive Strength (7 Days)/(168 ± 2 h)	IS 4031 (Part 6)
48	MECHANICAL- BUILDINGS MATERIALS	Portland Pozzolana Cement	Final Setting Time	IS 4031 (Part 5)
49	MECHANICAL- BUILDINGS MATERIALS	Portland Pozzolana Cement	Fineness	IS 4031 (Part 2)
50	MECHANICAL- BUILDINGS MATERIALS	Portland Pozzolana Cement	Initial Setting Time	IS 4031 (Part 5)
51	MECHANICAL- BUILDINGS MATERIALS	Portland Pozzolana Cement	Soundness by Autoclave	IS 4031 (Part 3)
52	MECHANICAL- BUILDINGS MATERIALS	Portland Pozzolana Cement	Soundness by Le-chatelier	IS 4031 (Part 3)
53	MECHANICAL- BUILDINGS MATERIALS	Portland Pozzolana Cement	Standard Consistency	IS 4031 (Part 4)
54	MECHANICAL- BUILDINGS MATERIALS	Portland Slag Cement	Compressive Strength (672 ± 4 h)	IS 4031 (Part 6)
55	MECHANICAL- BUILDINGS MATERIALS	Portland Slag Cement	Compressive Strength (28 Days) (168 ± 2 h) I	IS 4031 (Part 6)
56	MECHANICAL- BUILDINGS MATERIALS	Portland Slag Cement	Compressive Strength (3 Days) (72 ± 1 h)	IS 4031 (Part 6)

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57	MECHANICAL- BUILDINGS MATERIALS	Portland Slag Cement	Final Setting Time	IS 4031 (Part 5)
58	MECHANICAL- BUILDINGS MATERIALS	Portland Slag Cement	Fineness	IS 4031 (Part 2)
59	MECHANICAL- BUILDINGS MATERIALS	Portland Slag Cement	Initial Setting Time	IS 4031 (Part 5)
60	MECHANICAL- BUILDINGS MATERIALS	Portland Slag Cement	Soundness by Autoclave	IS 4031 (Part 3)
61	MECHANICAL- BUILDINGS MATERIALS	Portland Slag Cement	Soundness by Le-chatelier	IS 4031 (Part 3)
62	MECHANICAL- BUILDINGS MATERIALS	Portland Slag Cement	Standard Consistency	IS 4031 (Part 4)