National Accreditation Board for Testing and Calibration Laboratories

SCOPE OF ACCREDITATION

Laboratory Name : QUALITY CONTROL LABORATORY (A DIVISION OF JK LAKSHMI CEMENT LIMITED), VILLAGE: MALPURI-KHURD, KHASADIH, DURG, CHHATTISGARH, INDIA

Accreditation Standard ISO/IEC 17025:2017

Certificate Number TC-10895 **Page No** 1 of 2

Validity 04/08/2022 to 03/08/2024 **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	CHEMICAL- BUILDING MATERIAL	Cement (OPC/PPC/PSC/Composite/Clinker)	Aluminium Oxide (Al2O3)	IS 4032
2	CHEMICAL- BUILDING MATERIAL	Cement (OPC/PPC/PSC/Composite/Clinker)	Calcium Oxide (CaO)	IS 4032
3	CHEMICAL- BUILDING MATERIAL	Cement (OPC/PPC/PSC/Composite/Clinker)	Chloride (Cl)	IS 4032
4	CHEMICAL- BUILDING MATERIAL	Cement (OPC/PPC/PSC/Composite/Clinker)	Ferric Oxide (Fe2O3)	IS 4032
5	CHEMICAL- BUILDING MATERIAL	Cement (OPC/PPC/PSC/Composite/Clinker)	Insoluble Residue	IS 4032
6	CHEMICAL- BUILDING MATERIAL	Cement (OPC/PPC/PSC/Composite/Clinker)	Loss on Ignition	IS 4032
7	CHEMICAL- BUILDING MATERIAL	Cement (OPC/PPC/PSC/Composite/Clinker)	Magnesium Oxide (MgO)	IS 4032
8	CHEMICAL- BUILDING MATERIAL	Cement (OPC/PPC/PSC/Composite/Clinker)	Silicon Dioxide (SiO2)	IS 4032
9	CHEMICAL- BUILDING MATERIAL	Cement (OPC/PPC/PSC/Composite/Clinker)	Sulphur Trioxide (SO3)	IS 4032
10	CHEMICAL- BUILDING MATERIAL	Cement (PSC & Composite)	Sulphide Sulphur	IS 4032
11	CHEMICAL- SOLID FUELS	Coal	Ash Content	IS 1350 (Part 1)
12	CHEMICAL- SOLID FUELS	Coal	Gross Calorific Value	IS 1350 (Part 2)
13	CHEMICAL- SOLID FUELS	Coal	Moisture Content (IM)	IS 1350 (Part 1)
14	CHEMICAL- SOLID FUELS	Coal	Moisture Content (TM)	IS 1350 (Part 1)
15	CHEMICAL- SOLID FUELS	Coal	Volatile Matter	IS 1350 (Part 1)
16	MECHANICAL- BUILDINGS MATERIALS	Cement (OPC/PPC/PSC/Composite/Clinker)	Compressive Strength	IS 4031 (Part 6)
17	MECHANICAL- BUILDINGS MATERIALS	Cement (OPC/PPC/PSC/Composite/Clinker)	Final Setting Time	IS 4031 (Part 5)
18	MECHANICAL- BUILDINGS MATERIALS	Cement (OPC/PPC/PSC/Composite/Clinker)	Fineness by Blaine Air Permeability Method	IS 4031 (Part 2)
19	MECHANICAL- BUILDINGS MATERIALS	Cement (OPC/PPC/PSC/Composite/Clinker)	Initial Setting time	IS 4031 (Part 5)
20	MECHANICAL- BUILDINGS MATERIALS	Cement (OPC/PPC/PSC/Composite/Clinker)	Normal Consistency	IS 4031 (Part 4)

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21	MECHANICAL- BUILDINGS MATERIALS	Cement (OPC/PPC/PSC/Composite/Clinker)	Soundness by Autoclave Expansion Method	IS 4031 (Part 3)
22	MECHANICAL- BUILDINGS MATERIALS	Cement (OPC/PPC/PSC/Composite/Clinker)	Soundness by Le-chatelier Expansion Method	IS 4031 (Part 3)
23	MECHANICAL- BUILDINGS MATERIALS	Cement (PPC & Composite)	Dry Shrinkage	IS 4031 (Part 10)