National Accreditation Board for Testing and Calibration Laboratories

SCOPE OF ACCREDITATION

Laboratory Name : JK LAKSHMI CEMENT LTD. LABORATORY, SURAT GRINDING UNIT, KADODARA BARDOLI HIGHWAY, VILLAGE-DASTAN, TAL.-PALSANA, SURAT, GUJARAT, INDIA

Accreditation Standard ISO/IEC 17025:2017

Certificate Number TC-8013 **Page No** 1 of 1

Validity 19/03/2023 to 18/03/2025 **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)	Alumina (Al2O3)	IS 4032
2	CHEMICAL- BUILDING MATERIAL	Cement (OPC, PPC)	Calcium Oxide (CaO)	IS 4032
3	CHEMICAL- BUILDING MATERIAL	Cement (OPC, PPC)	Ferric Oxide (Fe2O3)	Is 4032
4	CHEMICAL- BUILDING MATERIAL	Cement (OPC, PPC)	Insoluble Residue (IR)	IS 4032
5	CHEMICAL- BUILDING MATERIAL	Cement (OPC, PPC)	Loss on Ignition	IS 4032
6	CHEMICAL- BUILDING MATERIAL	Cement (OPC, PPC)	Magnesia (MgO)	IS 4032
7	CHEMICAL- BUILDING MATERIAL	Cement (OPC, PPC)	Silica (SiO2)	IS 4032
8	CHEMICAL- BUILDING MATERIAL	Cement (OPC, PPC)	Sulphuric Anhydride (SO3)	IS 4032
9	MECHANICAL- BUILDINGS MATERIALS	Cement (OPC, PPC)	Compressive Strength (28 days)	IS 4031 (Part 6)
10	MECHANICAL- BUILDINGS MATERIALS	Cement (OPC, PPC)	Compressive Strength (3 days)	IS 4031 (Part 6)
11	MECHANICAL- BUILDINGS MATERIALS	Cement (OPC, PPC)	Compressive Strength (7 days)	IS 4031 (Part6)
12	MECHANICAL- BUILDINGS MATERIALS	Cement (OPC, PPC)	Drying Shrinkage	IS 4031 (Part 10)
13	MECHANICAL- BUILDINGS MATERIALS	Cement (OPC, PPC)	Final Setting Time (FST)	IS 4031 (Part5)
14	MECHANICAL- BUILDINGS MATERIALS	Cement (OPC, PPC)	Fineness by Blaine Air Permeability Method	IS 4031 (Part 2)
15	MECHANICAL- BUILDINGS MATERIALS	Cement (OPC, PPC)	Initial Setting Time (IST)	IS 4031 (Part 5)
16	MECHANICAL- BUILDINGS MATERIALS	Cement (OPC, PPC)	Normal Consistency	IS 4031 (Part 4)
17	MECHANICAL- BUILDINGS MATERIALS	Cement (OPC, PPC)	Soundness by Autoclave Test (AC)	IS 4031 (Part 3)
18	MECHANICAL- BUILDINGS MATERIALS	Cement (OPC, PPC)	Soundness by Le-Chatelier Test	IS 4031 (Part 3)