National Accreditation Board for Testing and Calibration Laboratories

SCOPE OF ACCREDITATION

Laboratory Name : ULTRATECH CEMENT LIMITED, KOTPUTLI CEMENT WORKS, ULTRATECH CEMENT LIMITED, KOTPUTLI CEMENT WORKS, VILLAGE/POST- MOHANPURA, TEHSIL-KOTPUTLI, JAIPUR, RAJASTHAN, INDIA

Accreditation Standard ISO/IEC 17025:2017

Certificate Number TC-10440 **Page No** 1 of 2

Validity 22/03/2022 to 21/03/2024 **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	Limestone	Alumina (Al2O3)	SOP CHEM-01(EDTA)
2	CHEMICAL- BUILDING MATERIAL	Limestone	Calcium Oxide (CaO)	IS: 1760 (Part-3)
3	CHEMICAL- BUILDING MATERIAL	Limestone	Chloride (Cl)	IS 1760 (Part 5)
4	CHEMICAL- BUILDING MATERIAL	Limestone	Ferric Oxide (Fe2O3)	SOP-CHEM-1 (EDTA)
5	CHEMICAL- BUILDING MATERIAL	Limestone	Loss on Ignition (LOI)	IS:1760 (Part-1)
6	CHEMICAL- BUILDING MATERIAL	Limestone	Magnesia (MgO)	IS: 1760 (Part-3)
7	CHEMICAL- BUILDING MATERIAL	Limestone	Potassium Oxide (K2O)	SOP CHEM-01
8	CHEMICAL- BUILDING MATERIAL	Limestone	Silica (SiO2)	IS 1760 (Part 2)
9	CHEMICAL- BUILDING MATERIAL	Limestone	Sodium Oxide (Na2O)	SOP CHEM-01
10	CHEMICAL- BUILDING MATERIAL	Limestone	SulphuricAnhydride (SO3)	SOP CHEM-01
11	CHEMICAL- BUILDING MATERIAL	OPC 43, OPC 53	Alumina (Al2O3)	IS 4032 Cl.4.4 & 4.6.1 OR 4.6.2
12	CHEMICAL- BUILDING MATERIAL	OPC 43, OPC 53	Calcium Oxide (CaO)	IS 4032 Cl 4.7.2
13	CHEMICAL- BUILDING MATERIAL	OPC 43, OPC 53	Chloride (Cl)	IS 4032 Cl 4.13
14	CHEMICAL- BUILDING MATERIAL	OPC 43, OPC 53	Ferric Oxide (Fe2O3)	IS 4032 Cl 4.5.2
15	CHEMICAL- BUILDING MATERIAL	OPC 43, OPC 53	Insoluble Residue (IR)	IS 4032
16	CHEMICAL- BUILDING MATERIAL	OPC 43, OPC 53	Loss on Ignition (LOI)	IS 4032
17	CHEMICAL- BUILDING MATERIAL	OPC 43, OPC 53	Magnesia (MgO)	IS 4032 CL 4.8.2
18	CHEMICAL- BUILDING MATERIAL	OPC 43, OPC 53	Potassium Oxide (K2O)	IS 4032 Cl 4.11

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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
19	CHEMICAL- BUILDING MATERIAL	OPC 43, OPC 53	Silica (SiO2)	IS 4032
20	CHEMICAL- BUILDING MATERIAL	OPC 43, OPC 53	Sulphuric Anhydride (SO3)	IS 4032
21	CHEMICAL- BUILDING MATERIAL	OPC43, OPC 53	Sodium Oxide (Na2O)	IS 4032 CL 4.11
22	CHEMICAL- BUILDING MATERIAL	PPC	Chloride (Cl)	IS 4032 CL 4.13
23	CHEMICAL- BUILDING MATERIAL	PPC	Insoluble Residue (IR)	IS 4032
24	CHEMICAL- BUILDING MATERIAL	PPC	Loss on Ignition (LOI)	IS 4032
25	CHEMICAL- BUILDING MATERIAL	PPC	Magnesia (MgO)	IS 4032 CL 7.2.2
26	CHEMICAL- BUILDING MATERIAL	PPC	Potassium Oxide(K2O)	IS 4032 CL 4.11
27	CHEMICAL- BUILDING MATERIAL	PPC	Sodium Oxide (Na2O)	IS 4032 Cl 4.11
28	CHEMICAL- BUILDING MATERIAL	PPC	Sulphuric Anhydride (SO3)	IS 4032
29	MECHANICAL- BUILDINGS MATERIALS	Hydraulic Cement	Compressive Strength 168 ± 2 Hrs	IS 4031 (Part-6)
30	MECHANICAL- BUILDINGS MATERIALS	Hydraulic Cement	Compressive Strength 678 ± 4 Hrs	IS 4031 (Part 6)
31	MECHANICAL- BUILDINGS MATERIALS	Hydraulic Cement	Compressive Strength 72 ± 2 Hrs	IS:4031 (Part-6)
32	MECHANICAL- BUILDINGS MATERIALS	Hydraulic Cement	Final Setting time	IS:4031 (Part-5)
33	MECHANICAL- BUILDINGS MATERIALS	Hydraulic Cement	Fineness (By Blaine Air Permeability Method)	IS:4031 (Part-2)
34	MECHANICAL- BUILDINGS MATERIALS	Hydraulic Cement	Initial Setting Time (IST)	IS:4031 (Part-5)
35	MECHANICAL- BUILDINGS MATERIALS	Hydraulic Cement	Le-Chatelier expansion	IS:4031 (Part-3)
36	MECHANICAL- BUILDINGS MATERIALS	Hydraulic Cement	Normal Consistency	IS:4031 (Part-4)
37	MECHANICAL- BUILDINGS MATERIALS	PPC	Drying Shrinkage	IS 4031 (Part 10)