National Accreditation Board for Testing and Calibration Laboratories

SCOPE OF ACCREDITATION

Laboratory Name : QUALITY CONTROL LABORATORY, ULTRATECH CEMENT LIMITED, A.P.CEMENT WORKS, BHOGASAMUDRAM (VIL), TADPATRI, ANANTAPURAMU (DIST), ANDHRA PRADESH, INDIA

Accreditation Standard ISO/IEC 17025:2017

Certificate Number TC-7727 **Page No** 1 of 2

Validity 11/01/2023 to 10/01/2025 **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 (OPC43,OPC53,PPC)	Al2O3	IS 12803; Pressed Pellet Method
2	CHEMICAL- BUILDING MATERIAL	Cement (OPC43,OPC53,PPC)	CaO	IS 12803; Pressed Pellet Method
3	CHEMICAL- BUILDING MATERIAL	Cement (OPC43,OPC53,PPC)	Chloride	IS 12803; Pressed Pellet Method
4	CHEMICAL- BUILDING MATERIAL	Cement (OPC43,OPC53,PPC)	Fe2O3	IS 12803; Pressed Pellet Method
5	CHEMICAL- BUILDING MATERIAL	Cement (OPC43,OPC53,PPC)	IR	IS 4032
6	CHEMICAL- BUILDING MATERIAL	Cement (OPC43,OPC53,PPC)	LOI	IS 4032
7	CHEMICAL- BUILDING MATERIAL	Cement (OPC43,OPC53,PPC)	MgO	IS 12803; Pressed Pellet Method
8	CHEMICAL- BUILDING MATERIAL	Cement (OPC43,OPC53,PPC)	SiO2	IS 12803; Pressed Pellet Method
9	CHEMICAL- BUILDING MATERIAL	Cement (OPC43,OPC53,PPC)	SO3	IS 12803; Pressed Pellet Method
10	CHEMICAL- BUILDING MATERIAL	Cement Clinker	Al2O3	IS 12803; Pressed Pellet Method
11	CHEMICAL- BUILDING MATERIAL	Cement Clinker	CaO	IS 12803; Pressed Pellet Method
12	CHEMICAL- BUILDING MATERIAL	Cement Clinker	Fe2O3	IS 12803;Pressed Pellet Method
13	CHEMICAL- BUILDING MATERIAL	Cement Clinker	Free Lime (F.CaO)	IS 4032 ; Cl.5.4; Ethylene-Glycol Method
14	CHEMICAL- BUILDING MATERIAL	Cement Clinker	Loss on Ignition (LOI)	IS 4032
15	CHEMICAL- BUILDING MATERIAL	Cement Clinker	MgO	IS 12803; Pressed Pellet Method
16	CHEMICAL- BUILDING MATERIAL	Cement Clinker	SiO2	IS 12803; Pressed Pellett Method
17	CHEMICAL- BUILDING MATERIAL	Cement Clinker	SO3	IS 12803 Pressed Pellet Method
18	CHEMICAL- ORES & MINERALS	Limestone	Al2O3	IS 12803; Pressed Pellet Method

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19	CHEMICAL- ORES & MINERALS	Limestone	CaO	IS 12803; Pressed Pellet Method
20	CHEMICAL- ORES & MINERALS	Limestone	Fe2O3	IS 12803; Pressed Pellet Method
21	CHEMICAL- ORES & MINERALS	Limestone	MgO	IS 12803; Pressed Pellet Method
22	CHEMICAL- ORES & MINERALS	Limestone	SiO2	IS 12803; Pressed Pellet Method
23	CHEMICAL- ORES & MINERALS	Limestone	SO3	IS 12803; Pressed Pellet Method
24	MECHANICAL- BUILDINGS MATERIALS	Cement (OPC43,OPC53,PPC)	Compressive Strength	IS 4031; Part 6
25	MECHANICAL- BUILDINGS MATERIALS	Cement (OPC43,OPC53,PPC)	Drying Shrinkage	IS 4031; Part 10
26	MECHANICAL- BUILDINGS MATERIALS	Cement (OPC43,OPC53,PPC)	Fineness (By Air Permeability Method)	IS 4031; Part 2
27	MECHANICAL- BUILDINGS MATERIALS	Cement (OPC43,OPC53,PPC)	Normal Consistency	IS 4031; Part 4
28	MECHANICAL- BUILDINGS MATERIALS	Cement (OPC43,OPC53,PPC)	Setting Time- Final	IS 4031; Part 5
29	MECHANICAL- BUILDINGS MATERIALS	Cement (OPC43,OPC53,PPC)	Setting Time- Initial	IS 4031; Part 5
30	MECHANICAL- BUILDINGS MATERIALS	Cement (OPC43,OPC53,PPC)	Soundness By Autoclave Method	IS 4031; Part 3
31	MECHANICAL- BUILDINGS MATERIALS	Cement (OPC43,OPC53,PPC)	Soundness By Le-Chatelier Method	IS 4031; Part 3
32	MECHANICAL- BUILDINGS MATERIALS	Cement (OPC43,OPC53,PPC)	Specific Gravity	IS 4031; Part 11