National Accreditation Board for Testing and Calibration Laboratories

SCOPE OF ACCREDITATION

Laboratory Name : SAGAR CEMENTS LIMITED (TESTING LABORATORY), BAYYAVARAM VILLAGE, KASIMKOTA MANDAL, VISAKHAPATNAM, ANDHRA PRADESH, INDIA

Accreditation Standard ISO/IEC 17025:2017

Certificate Number TC-8782 **Page No** 1 of 1

Validity 14/01/2022 to 13/01/2024 **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[OPC43,OPC53,PPC(Portland Pozzolana Cement) & PSC(Portland Slag Cement),PCC(Portland Composite Cement)	Al2O3	IS4032Clause:4.6.2, & 6.2
2	CHEMICAL- BUILDING MATERIAL	OPC43,OPC53,PPC(Portland Pozzolan Cement),PSC(Portland Slag Cement), Composite Cement.	CaO	IS 4032 Clause:4.7.2 & 6.7.2
3	CHEMICAL- BUILDING MATERIAL	OPC43,OPC53,PPC(Portland Pozzolan Cement),PSC(Portland Slag Cement), Composite Cement.	Chlorides	IS 4032 Clause 4.13
4	CHEMICAL- BUILDING MATERIAL	OPC43,OPC53,PPC(Portland Pozzolan Cement),PSC(Portland Slag Cement), Composite Cement.	Fe2O3	IS 4032 Clause 4.5.2
5	CHEMICAL- BUILDING MATERIAL	OPC43,OPC53,PPC(Portland Pozzolan Cement),PSC(Portland Slag Cement), Composite Cement.	In soluble residue (IR)	IS 4032 Clause 4.10
6	CHEMICAL- BUILDING MATERIAL	OPC43,OPC53,PPC(Portland Pozzolan Cement),PSC(Portland Slag Cement), Composite Cement.	Loss on Ignition (LOI)	IS 4032 Clause 4.2
7	CHEMICAL- BUILDING MATERIAL	OPC43,OPC53,PPC(Portland Pozzolan Cement),PSC(Portland Slag Cement), Composite Cement.	MgO	IS 4032 Clause 4.8.2, 6.8.2 & 7.2
8	CHEMICAL- BUILDING MATERIAL	OPC43,OPC53,PPC(Portland Pozzolan Cement),PSC(Portland Slag Cement), Composite Cement.	SiO2	IS 4032 Clause 4.3
9	CHEMICAL- BUILDING MATERIAL	OPC43,OPC53,PPC(Portland Pozzolan Cement),PSC(Portland Slag Cement), Composite Cement.	SO3	IS 4032 Clause 4.9, 6.11
10	CHEMICAL- BUILDING MATERIAL	OPC43,OPC53,PPC(Portland Pozzolan Cement),PSC(Portland Slag Cement), Composite Cement.	Sulphide Sulphur	IS 4032 Clause 6.12.2
11	MECHANICAL- BUILDINGS MATERIALS	OPC43,OPC53,PPC(Portland Pozzolan Cement),PSC(Portland Slag Cement), Composite Cement.	Compressive Strength	IS 4031 (Part-6)
12	MECHANICAL- BUILDINGS MATERIALS	OPC43,OPC53,PPC(Portland Pozzolan Cement),PSC(Portland Slag Cement), Composite Cement.	Final Setting Time	IS 4031 (Part-5)
13	MECHANICAL- BUILDINGS MATERIALS	OPC43,OPC53,PPC(Portland Pozzolan Cement),PSC(Portland Slag Cement), Composite Cement.	Fineness by Blaine's Air Permeability	IS 4031 (Part-2)
14	MECHANICAL- BUILDINGS MATERIALS	OPC43,OPC53,PPC(Portland Pozzolan Cement),PSC(Portland Slag Cement), Composite Cement.	Initial Setting Time	IS 4031 (Part-5)
15	MECHANICAL- BUILDINGS MATERIALS	OPC43,OPC53,PPC(Portland Pozzolan Cement),PSC(Portland Slag Cement), Composite Cement.	Normal Consistency	IS 4031 (Part-4)
16	MECHANICAL- BUILDINGS MATERIALS	OPC43,OPC53,PPC(Portland Pozzolan Cement),PSC(Portland Slag Cement), Composite Cement.	Soundness by Autoclave Method	IS 4031 (Part-3)
17	MECHANICAL- BUILDINGS MATERIALS	OPC43,OPC53,PPC(Portland Pozzolan Cement),PSC(Portland Slag Cement), Composite Cement.	Soundness by Le-Chatelier Method	IS 4031 (Part-3) Clause 5.0