National Accreditation Board for Testing and Calibration Laboratories

SCOPE OF ACCREDITATION

Laboratory Name : SAGAR CEMENTS LIMITED, MATTAMPALLY VILLAGE & MANDAL, SURYAPET, TELANGANA, INDIA

Accreditation Standard ISO/IEC 17025:2017

Certificate Number TC-6022 **Page No** 1 of 1

Validity 08/06/2023 to 07/06/2025 **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 & SRPC (Sulphate Resisting Portland Cement)]	Alumina (Al2O3)	IS 4032
2	CHEMICAL- BUILDING MATERIAL	Cement [OPC43, OPC53, PPC & SRPC (Sulphate Resisting Portland Cement)]	Calcium oxide (CaO)	IS 4032
3	CHEMICAL- BUILDING MATERIAL	Cement [OPC43, OPC53, PPC & SRPC (Sulphate Resisting Portland Cement)]	Insoluble residue (IR)	IS 4032
4	CHEMICAL- BUILDING MATERIAL	Cement [OPC43, OPC53, PPC & SRPC (Sulphate Resisting Portland Cement)]	Iron Oxide (as Fe2O3)	IS 4032
5	CHEMICAL- BUILDING MATERIAL	Cement [OPC43, OPC53, PPC & SRPC (Sulphate Resisting Portland Cement)]	Loss on Ignition (LOI)	IS 4032
6	CHEMICAL- BUILDING MATERIAL	Cement [OPC43, OPC53, PPC & SRPC (Sulphate Resisting Portland Cement)]	Magnesia (MgO)	IS 4032
7	CHEMICAL- BUILDING MATERIAL	Cement [OPC43, OPC53, PPC & SRPC (Sulphate Resisting Portland Cement)]	Silicon dioxide (SiO2)	IS 4032
8	CHEMICAL- BUILDING MATERIAL	Cement [OPC43, OPC53, PPC & SRPC (Sulphate Resisting Portland Cement)]	Sulphuric anhydride (SO3)	IS 4032
9	CHEMICAL- SOLID FUELS	Coal	Ash	IS 1350 (Part-1)
10	CHEMICAL- SOLID FUELS	Coal	Gross calorific value	IS 1350 (Part-2)
11	CHEMICAL- SOLID FUELS	Coal	Moisture	IS 1350 (Part-1)
12	CHEMICAL- SOLID FUELS	Coal	Total Moisture	IS 1350 (Part-1)
13	CHEMICAL- SOLID FUELS	Coal	Volatile Matter	IS 1350 (Part-1)
14	MECHANICAL- BUILDINGS MATERIALS	Cement [OPC43, OPC53, PPC & SRPC (Sulphate Resisting Portland Cement)]	Specific surface (Fineness)	IS 4031 (Part-2)
15	MECHANICAL- BUILDINGS MATERIALS	Cement [OPC43, OPC53, PPC & SRPC (Sulphate Resisting Portland Cement)]	Autoclave Expansion	IS 4031 (Part-3)
16	MECHANICAL- BUILDINGS MATERIALS	Cement [OPC43, OPC53, PPC & SRPC (Sulphate Resisting Portland Cement)]	Compressive strength	IS 4031 (Part-6)
17	MECHANICAL- BUILDINGS MATERIALS	Cement [OPC43, OPC53, PPC & SRPC (Sulphate Resisting Portland Cement)]	Le-Chatelier Expansion	IS 4031 (Part-3)
18	MECHANICAL- BUILDINGS MATERIALS	Cement [OPC43, OPC53, PPC & SRPC (Sulphate Resisting Portland Cement)]	Normal Consistency	IS 4031 (Part-4)
19	MECHANICAL- BUILDINGS MATERIALS	Cement [OPC43,OPC53, PPC & SRPC (Sulphate Resisting Portland Cement)]	Final Setting Time	IS 4031 (Part-5)
20	MECHANICAL- BUILDINGS MATERIALS	Cement [OPC43,OPC53, PPC & SRPC (Sulphate Resisting Portland Cement)]	Initial Setting Time	IS 4031 (Part-5)