National Accreditation Board for Testing and Calibration Laboratories

SCOPE OF ACCREDITATION

Laboratory Name : BIRLA CORPORATION LIMITED UNIT: SATNA CEMENT WORKS CENTRAL LABORATORY, P.O. BIRLA VIKAS, SATNA, MADHYA PRADESH, INDIA

Accreditation Standard ISO/IEC 17025:2017

Certificate Number TC-8894 **Page No** 1 of 2

Validity 20/07/2022 to 19/07/2024 **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	Ordinary Portland Cement (43 Grade)	Aluminium Oxide	IS : 4032
2	CHEMICAL- BUILDING MATERIAL	Ordinary Portland Cement (43 Grade)	Calcium oxide	IS : 4032
3	CHEMICAL- BUILDING MATERIAL	Ordinary Portland Cement (43 Grade)	Chloride	IS : 4032 Amendment 02
4	CHEMICAL- BUILDING MATERIAL	Ordinary Portland Cement (43 Grade)	Insoluble Residue	IS 4032
5	CHEMICAL- BUILDING MATERIAL	Ordinary Portland Cement (43 Grade)	Iron Oxide	IS : 4032
6	CHEMICAL- BUILDING MATERIAL	Ordinary Portland Cement (43 Grade)	Loss on Ignition	IS 4032
7	CHEMICAL- BUILDING MATERIAL	Ordinary Portland Cement (43 Grade)	Magnesium Oxide	IS 4032
8	CHEMICAL- BUILDING MATERIAL	Ordinary Portland Cement (43 Grade)	Silica Oxide	IS 4032
9	CHEMICAL- BUILDING MATERIAL	Ordinary Portland Cement (43 Grade)	Sulphur trioxide	IS 4032
10	CHEMICAL- BUILDING MATERIAL	Portland Pozzolana Cement (Flyash based)	Loss of ignition	IS : 4032
11	CHEMICAL- BUILDING MATERIAL	Portland Pozzolana Cement (Flyash based)	Chloride	IS : 4032 Amendment No. 02
12	CHEMICAL- BUILDING MATERIAL	Portland Pozzolana Cement (Flyash based)	Insoluble Residue	IS : 4032
13	CHEMICAL- BUILDING MATERIAL	Portland Pozzolana Cement (Flyash based)	Magnesium Oxide	IS : 4032
14	CHEMICAL- BUILDING MATERIAL	Portland Pozzolana Cement (Flyash based)	Sulphur Trioxide	IS : 4032
15	MECHANICAL- BUILDINGS MATERIALS	Ordinary Portland Cement (43 Grade)	Autoclave expansion	IS 4031 (Part 3)
16	MECHANICAL- BUILDINGS MATERIALS	Ordinary Portland Cement (43 Grade)	Compressive Strength	IS 4031 (Part 6)
17	MECHANICAL- BUILDINGS MATERIALS	Ordinary Portland Cement (43 Grade)	Final Setting Time	IS 4031 (Part 5)
18	MECHANICAL- BUILDINGS MATERIALS	Ordinary Portland Cement (43 Grade)	Fineness	IS 4031 (Part 2)

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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	MECHANICAL- BUILDINGS MATERIALS	Ordinary Portland Cement (43 Grade)	Initial Setting Time	IS 4031 (Part 5)
20	MECHANICAL- BUILDINGS MATERIALS	Ordinary Portland Cement (43 Grade)	Soundness by Le-chatelier expansion	IS 4031 (Part 3)
21	MECHANICAL- BUILDINGS MATERIALS	Ordinary Portland Cement (43 Grade)	Standard Consistency	IS 4031 (Part 4)
22	MECHANICAL- BUILDINGS MATERIALS	Portland Pozzolana Cement (Flyash based)	Autoclave expansion	IS 4031 (Part 3)
23	MECHANICAL- BUILDINGS MATERIALS	Portland Pozzolana Cement (Flyash based)	Compressive Strength	IS 4031 (Part 6)
24	MECHANICAL- BUILDINGS MATERIALS	Portland Pozzolana Cement (Flyash based)	Final Setting Time	IS 4031 (Part 5)
25	MECHANICAL- BUILDINGS MATERIALS	Portland Pozzolana Cement (Flyash based)	Initial Setting Time	IS 4031 (Part 5)
26	MECHANICAL- BUILDINGS MATERIALS	Portland Pozzolana Cement (Flyash based)	Fineness	IS 4031 (Part 2)
27	MECHANICAL- BUILDINGS MATERIALS	Portland Pozzolana Cement (Flyash based)	Soundness by Le-chatelier expansion	IS 4031 (Part 3)
28	MECHANICAL- BUILDINGS MATERIALS	Portland Pozzolana Cement (Flyash based)	Standard Consistency	IS 4031 (Part 4)