National Accreditation Board for Testing and Calibration Laboratories

SCOPE OF ACCREDITATION

Laboratory Name : ALPHA CONSULTANCY SERVICES, PADHUANPADA,PROOF ROAD, BALASORE, BALESHWAR, ODISHA, INDIA

Accreditation Standard ISO/IEC 17025:2017

Certificate Number TC-10057 **Page No** 1 of 2

Validity 03/11/2021 to 02/11/2023 **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	MECHANICAL- BUILDINGS MATERIALS	Bricks	Water absorption	IS 3495 (Part 2)
2	MECHANICAL- BUILDINGS MATERIALS	Burnt Clay Building Bricks	Compressive Strength	IS 3495 (Part 1)
3	MECHANICAL- BUILDINGS MATERIALS	Burnt Clay Building Bricks	Dimension (Height)	IS 1077
4	MECHANICAL- BUILDINGS MATERIALS	Burnt Clay Building Bricks	Dimension (Length)	IS 1077
5	MECHANICAL- BUILDINGS MATERIALS	Burnt Clay Building Bricks	Dimension (width)	IS 1077
6	MECHANICAL- BUILDINGS MATERIALS	Cement (OPC/PPC/PSC)	Compressive Strength	IS 4031 (Part 6)
7	MECHANICAL- BUILDINGS MATERIALS	Cement (OPC/PPC/PSC)	Density	IS 4031 (Part 11)
8	MECHANICAL- BUILDINGS MATERIALS	Cement (OPC/PPC/PSC)	Final Setting time	IS 4031 (Part 5)
9	MECHANICAL- BUILDINGS MATERIALS	Cement (OPC/PPC/PSC)	Initial Setting Time	IS 4031 (Part 5)
10	MECHANICAL- BUILDINGS MATERIALS	Cement (OPC/PPC/PSC)	Normal Consistency	IS 4031 (Part 4)
11	MECHANICAL- BUILDINGS MATERIALS	Cement (OPC/PPC/PSC)	Soundness by Le-chatelier Expansion Method	IS 4031 (Part 3)
12	MECHANICAL- BUILDINGS MATERIALS	Coarse Aggregate	Aggregate Impact Value	IS 2386 (Part 4)
13	MECHANICAL- BUILDINGS MATERIALS	Coarse Aggregate	Bulk Density	IS 2386 (Part 3)
14	MECHANICAL- BUILDINGS MATERIALS	Coarse Aggregate	Crushing Value	IS 2386 (Part 4)
15	MECHANICAL- BUILDINGS MATERIALS	Coarse Aggregate	Elongation Index	IS 2386 (Part 1)
16	MECHANICAL- BUILDINGS MATERIALS	Coarse Aggregate	Flakiness Index	IS 2386 (Part 1)
17	MECHANICAL- BUILDINGS MATERIALS	Coarse Aggregate	Los Angles Abrasion Value	IS 2386 (Part 4)

SCOPE OF ACCREDITATION

Laboratory Name : ALPHA CONSULTANCY SERVICES, PADHUANPADA,PROOF ROAD, BALASORE, BALESHWAR, ODISHA, INDIA

Accreditation Standard ISO/IEC 17025:2017

Certificate Number TC-10057 **Page No** 2 of 2

Validity 03/11/2021 to 02/11/2023 **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
18	MECHANICAL- BUILDINGS MATERIALS	Coarse Aggregate	Sieve Analysis (2.36 mm, 4.75 mm, 10.0 mm, 12.5 mm, 16.0 mm, 20.0 mm, 40.0 mm, 63.0 mm, 80.0 mm)	IS 2386 (Part 1)
19	MECHANICAL- BUILDINGS MATERIALS	Coarse Aggregate	Specific Gravity	IS 2386 (Part 3)
20	MECHANICAL- BUILDINGS MATERIALS	Coarse Aggregate	Water absorption	IS 2386 (Part 3)
21	MECHANICAL- BUILDINGS MATERIALS	Fine Aggregate	Bulk Density	IS 2386 (Part 3)
22	MECHANICAL- BUILDINGS MATERIALS	Fine Aggregate	Sieve Analysis (150 µm, 300 µm, 600 µm, 1.18 mm, 2.36 mm, 4.75 mm, 10 mm)	IS 2386 (Part 1)
23	MECHANICAL- BUILDINGS MATERIALS	Fine Aggregate	Specific Gravity	IS 2386 (Part 3)
24	MECHANICAL- BUILDINGS MATERIALS	Fine aggregate	Water absorption	IS 2386 (Part 3)
25	MECHANICAL- SOIL AND ROCK	Soil	Heavy Compaction OMC	IS 2720: Part 8
26	MECHANICAL- SOIL AND ROCK	Soil	Light Compaction OMC	IS 2720 (part 7)
27	MECHANICAL- SOIL AND ROCK	Soil	Moisture Content	IS 2720 (Part 2)
28	MECHANICAL- SOIL AND ROCK	Soil	Particle Size Distribution	IS 2720 (Part 4)
29	MECHANICAL- SOIL AND ROCK	soil	Plastic Limit	IS 2720 (Part 5)