National Accreditation Board for Testing and Calibration Laboratories

SCOPE OF ACCREDITATION

Laboratory Name : HORIZON INFRADESIGNS PVT. LTD., PLOT NO.: 06, VASUNDHARA COLONY, TONK ROAD, JAIPUR, RAJASTHAN, INDIA

Accreditation Standard ISO/IEC 17025:2017

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Validity 16/12/2022 to 15/12/2024 **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	MECHANICAL- BUILDINGS MATERIALS	BRICK	COMPRESSIVE STRENGTH	IS 3495 (Part-1)
2	MECHANICAL- BUILDINGS MATERIALS	BRICK	EFFLORESCENCE	IS 3495 (Part-3)
3	MECHANICAL- BUILDINGS MATERIALS	BRICK	WATER ABSORPTION	IS 3495 (Part-2)
4	MECHANICAL- BUILDINGS MATERIALS	Burnt Clay Fly Ash Building Bricks	DIMENSION (WIDTH)	IS 13757
5	MECHANICAL- BUILDINGS MATERIALS	Burnt Clay Fly Ash Building Bricks	DIMENSIONS (HEIGHT)	IS 13757
6	MECHANICAL- BUILDINGS MATERIALS	Burnt Clay Fly Ash Building Bricks	DIMENSIONS (LENGTH)	IS 13757
7	MECHANICAL- BUILDINGS MATERIALS	CEMENT (PPC/OPC)	COMPRESSIVE STRENGTH OF CEMENT (28 DAYS)	IS 4031 (PART 6)
8	MECHANICAL- BUILDINGS MATERIALS	CEMENT (PPC/OPC)	COMPRESSIVE STRENGTH OF CEMENT (3 DAYS)	IS 4031 (Part-6)
9	MECHANICAL- BUILDINGS MATERIALS	CEMENT (PPC/OPC)	COMPRESSIVE STRENGTH OF CEMENT (7 DAYS)	IS 4031 (Part-6)
10	MECHANICAL- BUILDINGS MATERIALS	CEMENT (PPC/OPC)	CONSISTENCY OF STANDARD CEMENT PASTE	IS 4031 (Part-4)
11	MECHANICAL- BUILDINGS MATERIALS	CEMENT (PPC/OPC)	Density	IS 4031 (Part-11)
12	MECHANICAL- BUILDINGS MATERIALS	CEMENT (PPC/OPC)	FINAL SETTING TIME	IS 4031 (Part-5)
13	MECHANICAL- BUILDINGS MATERIALS	CEMENT (PPC/OPC)	FINENESS BLAINE AIR METHOD	IS 4031 (Part-2)
14	MECHANICAL- BUILDINGS MATERIALS	CEMENT (PPC/OPC)	INITIAL SETTING TIME	IS 4031 (Part-5)
15	MECHANICAL- BUILDINGS MATERIALS	CEMENT (PPC/OPC)	SOUNDNESS TEST (By Le-Chatelier Method)	IS 4031 (PART 3)
16	MECHANICAL- BUILDINGS MATERIALS	COARSE AGGREGATE	BULK DENSITY (LOOSE)	IS 2386 (Part-3)
17	MECHANICAL- BUILDINGS MATERIALS	COARSE AGGREGATE	CRUSHING VALUE	IS 2386 (Part-4)
18	MECHANICAL- BUILDINGS MATERIALS	COARSE AGGREGATE	ELONGATION INDEX	IS 2386 (PART I)

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19	MECHANICAL- BUILDINGS MATERIALS	COARSE AGGREGATE	FLAKINESS INDEX	IS 2386 (Part-1)
20	MECHANICAL- BUILDINGS MATERIALS	COARSE AGGREGATE	IMPACT VALUE	IS 2386 (PART IV)
21	MECHANICAL- BUILDINGS MATERIALS	COARSE AGGREGATE	MATERIAL FINER THAN 75 MICRONS	IS 2386 (Part-1)
22	MECHANICAL- BUILDINGS MATERIALS	COARSE AGGREGATE	PARTICLE SIZE DISTRIBUTION (2.36 mm to 125 mm)	IS 2386 (PART I)
23	MECHANICAL- BUILDINGS MATERIALS	COARSE AGGREGATE	SOUNDNESS (MgSO4)	IS 2386 (Part-5)
24	MECHANICAL- BUILDINGS MATERIALS	COARSE AGGREGATE	SOUNDNESS (Na2SO4)	IS 2386 (PART V)
25	MECHANICAL- BUILDINGS MATERIALS	COARSE AGGREGATE	SPECIFIC GRAVITY	IS 2386 (Part-3)
26	MECHANICAL- BUILDINGS MATERIALS	COARSE AGGREGATE	WATER ABSORPTION	IS 2386 (PART 3)
27	MECHANICAL- BUILDINGS MATERIALS	COARSE AGGREGATES	BULK DENSITY (COMPACTED)	IS 2386 (Part-3)
28	MECHANICAL- BUILDINGS MATERIALS	Common Burnt Clay Building Bricks	DIMENSION (WIDTH)	IS 1077
29	MECHANICAL- BUILDINGS MATERIALS	Common Burnt Clay Building Bricks	DIMENSIONS (HEIGHT)	IS 1077
30	MECHANICAL- BUILDINGS MATERIALS	Common Burnt Clay Building Bricks	DIMENSIONS (LENGTH)	IS 1077
31	MECHANICAL- BUILDINGS MATERIALS	CONCRETE	COMPRESSIVE STRENGTH	IS 516 (Part-1/Sec-1)
32	MECHANICAL- BUILDINGS MATERIALS	FINE AGGREGATE (SAND)	BULK DENSITY (LOOSE)	IS 2386 (PART III)
33	MECHANICAL- BUILDINGS MATERIALS	FINE AGGREGATE (SAND)	MATERIAL FINER THAN 75 MICRONS	IS 2386 (Part-1)
34	MECHANICAL- BUILDINGS MATERIALS	FINE AGGREGATE (SAND)	PARTICLE SIZE DISTRIBUTION (Sieve Size: 150 microns to 10 mm)	IS 2386 (PART I)
35	MECHANICAL- BUILDINGS MATERIALS	FINE AGGREGATE (SAND)	SPECIFIC GRAVITY	IS 2386 (Part-3)
36	MECHANICAL- BUILDINGS MATERIALS	FINE AGGREGATE (SAND)	WATER ABSORPTION	IS 2386 (PART III)

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37	MECHANICAL- BUILDINGS MATERIALS	FINE AGGREGATES	BULK DENSITY (COMPACTED)	IS 2386 (Part-3)
38	MECHANICAL- BUILDINGS MATERIALS	Pulverized Fuel Ash Lime Bricks	DIMENSION (WIDTH)	IS 12894
39	MECHANICAL- BUILDINGS MATERIALS	Pulverized Fuel Ash Lime Bricks	DIMENSIONS (HEIGHT)	IS 12894
40	MECHANICAL- BUILDINGS MATERIALS	Pulverized Fuel Ash Lime Bricks	DIMENSIONS (LENGTH)	IS 12894
41	MECHANICAL- SOIL AND ROCK	SOIL	COMPACTION TEST-HEAVY COMPACTION (MAXIMUM DRY DENSITY)	IS 2720 (Part-8)
42	MECHANICAL- SOIL AND ROCK	SOIL	COMPACTION TEST-HEAVY COMPACTION (OPTIMUM MOISTURE CONTENT)	IS 2720 (PART 8)
43	MECHANICAL- SOIL AND ROCK	SOIL	COMPACTION TEST-LIGHT COMPACTION (MAXIMUM DRY DENSITY)	IS 2720 (Part-7)
44	MECHANICAL- SOIL AND ROCK	SOIL	COMPACTION TEST-LIGHT COMPACTION (OPTIMUM MOISTURE CONTENT)	IS 2720 (PART 7)
45	MECHANICAL- SOIL AND ROCK	SOIL	DIRECT SHEAR TEST (ANGLE OF FRICTION)	IS 2720 (PART 13)
46	MECHANICAL- SOIL AND ROCK	SOIL	DIRECT SHEAR TEST (COHESION)	IS 2720 (Part-13)
47	MECHANICAL- SOIL AND ROCK	SOIL	FREE SWELL INDEX	IS 2720 (Part-40)
48	MECHANICAL- SOIL AND ROCK	SOIL	GRAIN SIZE ANALYSIS DRY SIEVE ANALYSIS (IS Sieve 19 mm, 4.75 mm, 2.0 mm, 0.425 mm, 0.075 mm)	IS 2720 (PART 4)
49	MECHANICAL- SOIL AND ROCK	SOIL	LIQUID LIMIT	IS 2720 (PART 5)
50	MECHANICAL- SOIL AND ROCK	SOIL	PLASTIC LIMIT	IS 2720 (PART 5)
51	MECHANICAL- SOIL AND ROCK	SOIL	SPECIFIC GRAVITY	IS 2720 (PART 3/ SECTION-1)
52	MECHANICAL- SOIL AND ROCK	SOIL	TRIAXIAL SHEAR TEST (ANGLE OF FRICTION)	IS 2720 (PART 11)
53	MECHANICAL- SOIL AND ROCK	SOIL	TRIAXIAL SHEAR TEST (COHESION)	IS 2720 (Part-11)

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54	MECHANICAL- SOIL AND ROCK	SOIL	WATER CONTENT	IS 2720 (Part-2)

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Site Facility				
1	NON-DESTRUCTIVE-BUILDING MATERIALS - REINFORCED CONCRETE STRUCTURES	REINFORCED CEMENT STRUCTURE	REBOUND HAMMER TEST	IS 516 (Part-5/Sec-4)
2	NON-DESTRUCTIVE-BUILDING MATERIALS - REINFORCED CONCRETE STRUCTURES	REINFORCED CEMENT STRUCTURE	ULTRASONIC PULSE VELOCITY TEST	IS 516 (Part-5/Sec-1)