National Accreditation Board for Testing and Calibration Laboratories

SCOPE OF ACCREDITATION

Laboratory Name : MEDIDA LABORATORIES AND ENGINEERING CONSULTANT PRIVATE LIMITED, CHANDRA SHEKHAR NAGAR, EAST GOLA ROAD, DANAPUR, PATNA, BIHAR, INDIA

Accreditation Standard ISO/IEC 17025:2017

Certificate Number TC-8919 **Page No** 1 of 4

Validity 29/10/2022 to 28/10/2024 **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	Burnt Clay Building Bricks/Flay Ash /Lime Bricks	Compressive Strength	IS:13757, IS:12894, IS:1077, IS:4885
2	MECHANICAL- BUILDINGS MATERIALS	Burnt Clay Building Bricks/Flay Ash /Lime Bricks	Dimension (Height)	IS:13757, IS: 12894, IS: 1077, IS: 4885
3	MECHANICAL- BUILDINGS MATERIALS	Burnt Clay Building Bricks/Flay Ash /Lime Bricks	Dimension (Length)	IS:13757, IS: 12894, IS: 1077, IS: 4885
4	MECHANICAL- BUILDINGS MATERIALS	Burnt Clay Building Bricks/Flay Ash /Lime Bricks	Dimension (Width)	IS:13757, IS: 12894, IS: 1077, IS:4885
5	MECHANICAL- BUILDINGS MATERIALS	Burnt Clay Building Bricks/Flay Ash /Lime Bricks	Efflorescence	IS: 3495 (Part-2)
6	MECHANICAL- BUILDINGS MATERIALS	Burnt Clay Building Bricks/Flay Ash /Lime Bricks	Water Absorption	IS: 3495 (Part-2)
7	MECHANICAL- BUILDINGS MATERIALS	Coarse Agggregate	Water Absorption	IS:2386 (Part 3)
8	MECHANICAL- BUILDINGS MATERIALS	Coarse Aggregate	10% Fine Value	IS:2386 (Part-4)
9	MECHANICAL- BUILDINGS MATERIALS	Coarse Aggregate	Bulk Density	IS: 2386 (Part-3)
10	MECHANICAL- BUILDINGS MATERIALS	Coarse Aggregate	Clay lumps	IS: 2386 (Part-2)
11	MECHANICAL- BUILDINGS MATERIALS	Coarse Aggregate	Crushing Value	IS: 2386 (Part 4)
12	MECHANICAL- BUILDINGS MATERIALS	Coarse Aggregate	Elongation Index	IS:2386 (Part 1)
13	MECHANICAL- BUILDINGS MATERIALS	Coarse Aggregate	Flakiness Index	IS: 2386 (Part 1)
14	MECHANICAL- BUILDINGS MATERIALS	Coarse Aggregate	Impact Value	IS: 2386 (Part 4)
15	MECHANICAL- BUILDINGS MATERIALS	Coarse Aggregate	Material finer than 75 micron	IS: 2386 (Part-1)
16	MECHANICAL- BUILDINGS MATERIALS	Coarse Aggregate	Sieve Analysis	IS: 2386 (Part 1)
17	MECHANICAL- BUILDINGS MATERIALS	Coarse Aggregate	Soundness	IS: 2386 (Part-5)
18	MECHANICAL- BUILDINGS MATERIALS	Coarse Aggregate	Specific Gravity	IS: 2386(Part 3)

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Certificate Number TC-8919 **Page No** 2 of 4

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19	MECHANICAL- BUILDINGS MATERIALS	Fine Aggregate	Bulk Density	IS: 2386 (Part-3)
20	MECHANICAL- BUILDINGS MATERIALS	Fine aggregate	Clay Lumps	IS: 2386 (Part-2)
21	MECHANICAL- BUILDINGS MATERIALS	Fine Aggregate	Material finer than 75 micron	IS:2386(Part-1)
22	MECHANICAL- BUILDINGS MATERIALS	Fine Aggregate	Sieve Analysis	IS:2386 (Part 1)
23	MECHANICAL- BUILDINGS MATERIALS	Fine Aggregate	Soundness	IS: 2386 (Part-5)
24	MECHANICAL- BUILDINGS MATERIALS	Fine Aggregate	Specific Gravity	IS: 2386 (Part 3)
25	MECHANICAL- BUILDINGS MATERIALS	Fine Aggregate	Water Absorption	IS: 2386 (Part 3)
26	MECHANICAL- BUILDINGS MATERIALS	Fine Aggregates	Bulking of Sand	IS: 2386 (P-3):1963
27	MECHANICAL- BUILDINGS MATERIALS	Harden Concrete (cube,core)	Compressive Strength	IS 516: Part 1: Sec 1, IS 516: Part 4
28	MECHANICAL- BUILDINGS MATERIALS	OPC/PPC	Compressive Strength 72 Hrs, 168 Hrs & 672 Hrs	IS: 4031 (Part-6)
29	MECHANICAL- BUILDINGS MATERIALS	OPC/PPC	Density	IS:4031 (Part -11)
30	MECHANICAL- BUILDINGS MATERIALS	OPC/PPC	Final Setting Time	IS: 4031 (Part-5)
31	MECHANICAL- BUILDINGS MATERIALS	OPC/PPC	Fineness by Blaine Method	IS:4031 (Part-2)
32	MECHANICAL- BUILDINGS MATERIALS	OPC/PPC	Initial Setting Time	IS: 4031 (Part-5)
33	MECHANICAL- BUILDINGS MATERIALS	OPC/PPC	Soundness By Le-Chatelier	IS: 4031 (Part-3)
34	MECHANICAL- BUILDINGS MATERIALS	OPC/PPC	Standard Consistency	IS: 4031 (Part-4)
35	MECHANICAL- BUILDINGS MATERIALS	Paver Block	Compressive Strength	IS: 15658
36	MECHANICAL- BUILDINGS MATERIALS	Paver Block	Thickness	IS: 15658
37	MECHANICAL- BUILDINGS MATERIALS	Paver Block	Water Absorption	IS: 15658

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Certificate Number TC-8919 **Page No** 3 of 4

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38	MECHANICAL- SOIL AND ROCK	Blanketing Material/GSB/WMM/WBM	Elongation Index	IS 2386 (Part 1)
39	MECHANICAL- SOIL AND ROCK	Blanketing Material/GSB/WMM/WBM	Flakiness Index	IS 2386 (Part 1)
40	MECHANICAL- SOIL AND ROCK	Blanketing Material/GSB/WMM/WBM	Sieve Analysis	IS 2386 (Part 1)
41	MECHANICAL- SOIL AND ROCK	Soil	California Bearing Ratio (C.B.R.)	IS: 2720 (Part 16)
42	MECHANICAL- SOIL AND ROCK	Soil	Direct Shear - Angle of Shearing Resistance (Undrained)	IS 2720 (Part 13)
43	MECHANICAL- SOIL AND ROCK	Soil	Direct Shear - Cohesion (Undrained)	IS 2720 (Part 13)
44	MECHANICAL- SOIL AND ROCK	Soil	Grain Size Analysis (Dry Sieving & Wet Sieving)	IS 2720 (Part 4)
45	MECHANICAL- SOIL AND ROCK	Soil	Specific Gravity	IS: 2720 Part-3 (Sec-1)
46	MECHANICAL- SOIL AND ROCK	Soil	Triaxial Compression - Angle of Internal Friction	IS 2720 (Part 11)
47	MECHANICAL- SOIL AND ROCK	Soil	Triaxial Compression - Cohesion	IS 2720 (Part 11)
48	MECHANICAL- SOIL AND ROCK	Soil/Blanketing Material/GSB/WMM/WBM	Free Swell Index	IS:2720 (Part -40)
49	MECHANICAL- SOIL AND ROCK	Soil/Blanketing Material/GSB/WMM/WBM	Liquid Limit	IS: 2720 (Part 5)
50	MECHANICAL- SOIL AND ROCK	Soil/Blanketing Material/GSB/WMM/WBM	Maximum Dry Density Using Heavy Compaction	IS: 2720 (Part 8)
51	MECHANICAL- SOIL AND ROCK	Soil/Blanketing Material/GSB/WMM/WBM	Maximum dry density using Light Compection	IS: 2720 (Part 7)
52	MECHANICAL- SOIL AND ROCK	Soil/Blanketing Material/GSB/WMM/WBM	Optimum moisture content using Heavy Compaction	IS: 2720 (Part 8)
53	MECHANICAL- SOIL AND ROCK	Soil/Blanketing Material/GSB/WMM/WBM	Optimum moisture content using Light Compection	IS: 2720 (Part 7)
54	MECHANICAL- SOIL AND ROCK	Soil/Blanketing Material/GSB/WMM/WBM	Plastic Limit	IS: 2720 (Part 5)
55	MECHANICAL- SOIL AND ROCK	Soil/Blanketing Material/GSB/WMM/WBM	Water Content	IS: 2720 (Part 2)

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Site Facility				
1	MECHANICAL- SOIL AND ROCK	Soil	Field DensityTest (Core-Cutter Method)	IS:2720 (Part-29)

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