National Accreditation Board for Testing and Calibration Laboratories

SCOPE OF ACCREDITATION

Laboratory Name : GUDDU ENGINEERING CONSULTANCY SERVICES, GECS HOUSE, PLOT NO 12, KHASRA NO 50/7, SECTOR D, DEFENCE COLONY, AMBALA, HARYANA, INDIA

Accreditation Standard ISO/IEC 17025:2017

Certificate Number TC-10684 **Page No** 1 of 4

Validity 14/06/2022 to 13/06/2024 **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	Bricks	Length	IS:1077
2	MECHANICAL- BUILDINGS MATERIALS	Bricks	Water absorption	IS:3495 (Part 2)
3	MECHANICAL- BUILDINGS MATERIALS	Bricks	Width	IS:1077
4	MECHANICAL- BUILDINGS MATERIALS	Bricks	Compressive strength	IS:3495 (Part 1)
5	MECHANICAL- BUILDINGS MATERIALS	Bricks	Efflorescence	IS:3495 (Part 3)
6	MECHANICAL- BUILDINGS MATERIALS	Bricks	Height	IS:1077
7	MECHANICAL- BUILDINGS MATERIALS	Coarse Aggregate	10% Fine value	IS:2386 (Part 4)
8	MECHANICAL- BUILDINGS MATERIALS	Coarse Aggregate	Bulk density and voids	IS:2386 (Part 3)
9	MECHANICAL- BUILDINGS MATERIALS	Coarse Aggregate	Crushing value	IS:2386 (Part 4)
10	MECHANICAL- BUILDINGS MATERIALS	Coarse Aggregate	Deleterious materials : Determination of clay lumps, fine silt and fine dust	IS:2386 (Part 2)
11	MECHANICAL- BUILDINGS MATERIALS	Coarse Aggregate	Elongation index	IS:2386 (Part 1)
12	MECHANICAL- BUILDINGS MATERIALS	Coarse Aggregate	Flakiness index	IS:2386 (Part 1)
13	MECHANICAL- BUILDINGS MATERIALS	Coarse Aggregate	Impact value	IS:2386 (Part 4)
14	MECHANICAL- BUILDINGS MATERIALS	Coarse Aggregate	Moisture content	IS:2386 (Part 3)
15	MECHANICAL- BUILDINGS MATERIALS	Coarse Aggregate	Sieve Analysis (4.75 to 125 mm)	IS:2386 (Part 1)
16	MECHANICAL- BUILDINGS MATERIALS	Coarse Aggregate	Soundness	IS:2386 (Part 5)
17	MECHANICAL- BUILDINGS MATERIALS	Coarse Aggregate	Specific gravity	IS:2386 (Part 3)
18	MECHANICAL- BUILDINGS MATERIALS	Coarse Aggregate	Water absorption	IS:2386 (Part 3)

SCOPE OF ACCREDITATION

Laboratory Name : GUDDU ENGINEERING CONSULTANCY SERVICES, GECS HOUSE, PLOT NO 12, KHASRA NO 50/7, SECTOR D, DEFENCE COLONY, AMBALA, HARYANA, INDIA

Accreditation Standard ISO/IEC 17025:2017

Certificate Number TC-10684 **Page No** 2 of 4

Validity 14/06/2022 to 13/06/2024 **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
19	MECHANICAL- BUILDINGS MATERIALS	Concrete	Compressive strength	IS:516
20	MECHANICAL- BUILDINGS MATERIALS	Concrete Paving Blocks	Compressive strength	IS:15658
21	MECHANICAL- BUILDINGS MATERIALS	Concrete Paving Blocks	Water absorption	IS:15658
22	MECHANICAL- BUILDINGS MATERIALS	Cushion	Density	IS:11060
23	MECHANICAL- BUILDINGS MATERIALS	Fine Aggregate	Bulk density	IS:2386 (Part 3)
24	MECHANICAL- BUILDINGS MATERIALS	Fine Aggregate	Deleterious materials : Determination of clay lumps, fine silt and fine dust	IS:2386 (Part 2)
25	MECHANICAL- BUILDINGS MATERIALS	Fine Aggregate	Materials finer than 75µ IS Sieve	IS:2386 (Part 1)
26	MECHANICAL- BUILDINGS MATERIALS	Fine Aggregate	Moisture content	IS:2386 (Part 3)
27	MECHANICAL- BUILDINGS MATERIALS	Fine Aggregate	Sieve analysis	IS:2386 (Part 1)
28	MECHANICAL- BUILDINGS MATERIALS	Fine Aggregate	Soundness	IS:2386 (Part 5)
29	MECHANICAL- BUILDINGS MATERIALS	Fine Aggregate	Specific gravity	IS:2386 (Part 3)
30	MECHANICAL- BUILDINGS MATERIALS	Fine Aggregate	Water absorption	IS:2386 (Part 3)
31	MECHANICAL- BUILDINGS MATERIALS	High Strength Deformed Steel Bars and Wires	Mass per unit length	IS:1786
32	MECHANICAL- BUILDINGS MATERIALS	High Strength Deformed Steel Bars and Wires	Nominal dia	IS:1786
33	MECHANICAL- BUILDINGS MATERIALS	Hollow and Solid Concrete Blocks	Block density	IS:2185 (Part 1)
34	MECHANICAL- BUILDINGS MATERIALS	Hollow and Solid Concrete Blocks	Compressive strength	IS:2185 (Part 1)
35	MECHANICAL- BUILDINGS MATERIALS	Hollow and Solid Concrete Blocks	Water absorption	IS:2185 (Part 1)
36	MECHANICAL- BUILDINGS MATERIALS	Medium Density Fibre Boards	Density	IS:12406

SCOPE OF ACCREDITATION

Laboratory Name : GUDDU ENGINEERING CONSULTANCY SERVICES, GECS HOUSE, PLOT NO 12, KHASRA NO 50/7, SECTOR D, DEFENCE COLONY, AMBALA, HARYANA, INDIA

Accreditation Standard ISO/IEC 17025:2017

Certificate Number TC-10684 **Page No** 3 of 4

Validity 14/06/2022 to 13/06/2024 **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
37	MECHANICAL- BUILDINGS MATERIALS	Medium Density Fibre Boards	Moisture content	IS:12406
38	MECHANICAL- BUILDINGS MATERIALS	Plywood	Moisture content	IS:1734 (Part-1)
39	MECHANICAL- BUILDINGS MATERIALS	Pre-laminated Particle Board	Density	IS:12823
40	MECHANICAL- BUILDINGS MATERIALS	Pre-laminated Particle Board	Moisture content	IS:12823
41	MECHANICAL- BUILDINGS MATERIALS	Wood / Timber	Moisture content	IS:1708 (Part 1)
42	MECHANICAL- BUILDINGS MATERIALS	Wood / Timber	Specific gravity	IS:1708 (Part 2)
43	MECHANICAL- BUILDINGS MATERIALS	Wood Particle Boards	Moisture content	IS:2380 (Part 3)
44	MECHANICAL- BUILDINGS MATERIALS	Wood Particle Boards	Specific Gravity (Density)	IS:2380 (Part 2)
45	MECHANICAL- SOIL AND ROCK	Soil	CBR value	IS:2720 (Part 16)
46	MECHANICAL- SOIL AND ROCK	Soil	Direct shear test (C = 0.01 kg/sq cm to 2 kg/sq cm)	IS:2720 (Part 13)
47	MECHANICAL- SOIL AND ROCK	Soil	Grain size analysis (Sieve size 75 µ to 4.75 mm)	IS:2720 (Part-4)
48	MECHANICAL- SOIL AND ROCK	Soil	Heavy compaction test (MDD)	IS:2720 (Part-8)
49	MECHANICAL- SOIL AND ROCK	Soil	Heavy compaction test (OMC)	IS:2720 (Part-8)
50	MECHANICAL- SOIL AND ROCK	Soil	Light compaction test (MDD)	IS:2720 (Part-7)
51	MECHANICAL- SOIL AND ROCK	Soil	Light compaction test (OMC)	IS:2720 (Part-7)
52	MECHANICAL- SOIL AND ROCK	Soil	Liquid limit	IS:2720 (Part-5)
53	MECHANICAL- SOIL AND ROCK	Soil	Moisture content	IS:2720 (Part 2)
54	MECHANICAL- SOIL AND ROCK	Soil	Permeability test	IS:2720 (Part 17)
55	MECHANICAL- SOIL AND ROCK	Soil	Plastic limit	IS:2720 (Part-5)

National Accreditation Board for Testing and Calibration Laboratories

SCOPE OF ACCREDITATION

Laboratory Name : GUDDU ENGINEERING CONSULTANCY SERVICES, GECS HOUSE, PLOT NO 12, KHASRA NO 50/7, SECTOR D, DEFENCE COLONY, AMBALA, HARYANA, INDIA

Accreditation Standard ISO/IEC 17025:2017

Certificate Number TC-10684 **Page No** 4 of 4

Validity 14/06/2022 to 13/06/2024 **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
56	MECHANICAL- SOIL AND ROCK	Soil	Specific gravity	IS:2720 (Part 3)
57	MECHANICAL- SOIL AND ROCK	Soil	Unconfined compressive strength	IS:2720 (Part 10)