National Accreditation Board for Testing and Calibration Laboratories

SCOPE OF ACCREDITATION

Laboratory Name : UP TESTING LABORATORY PRIVATE LIMITED, LGF, AERO BUSINESS TOWER,CHANDER NAGAR,SURYA NAGAR, GHAZIABAD, UTTAR PRADESH, INDIA

Accreditation Standard ISO/IEC 17025:2017

Certificate Number TC-9780 **Page No** 1 of 4

Validity 23/08/2021 to 22/08/2023 **Last Amended on** 26/05/2023

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	Aggregate(Coarse)	Combined flakiness & Elongation Index,	IS; 2386-1963 Part-1
2	MECHANICAL- BUILDINGS MATERIALS	Aggregate(Coarse)	10% Fines Value, (KN)	IS: 2386-1963 Part-4
3	MECHANICAL- BUILDINGS MATERIALS	Aggregate(Coarse)	Aggregate Crushing Value, % by wt	IS: 2386-1963 Part-4
4	MECHANICAL- BUILDINGS MATERIALS	Aggregate(Coarse)	Aggregate Impact Value,% by wt	IS: 2386-1963 Part-4
5	MECHANICAL- BUILDINGS MATERIALS	Aggregate(Coarse)	Bulk Density, Kg/ltr.	IS: 2386-1963 Part-3
6	MECHANICAL- BUILDINGS MATERIALS	Aggregate(Coarse)	Clay Lumps%	IS: 2386-1963 Part-2
7	MECHANICAL- BUILDINGS MATERIALS	Aggregate(Coarse)	Coal Lignite, %	IS: 2386-1963 Part-2
8	MECHANICAL- BUILDINGS MATERIALS	Aggregate(Coarse)	Material finer than 75 microns IS Sieve, %	IS:2386-1963 Part-1
9	MECHANICAL- BUILDINGS MATERIALS	Aggregate(Coarse)	sieve analysis	IS; 2386-1963 Part-1 & IS: 383
10	MECHANICAL- BUILDINGS MATERIALS	Aggregate(Coarse)	Soundness by Magnesium Sulphate	IS: 2386-1963 Part-5
11	MECHANICAL- BUILDINGS MATERIALS	Aggregate(Coarse)	Soundness by sodium sulphate	IS: 2386-1963 Part-5
12	MECHANICAL- BUILDINGS MATERIALS	Aggregate(Coarse)	Specific Gravity	IS: 2386-1963 Part-2
13	MECHANICAL- BUILDINGS MATERIALS	Aggregate(Coarse)	Total Deleterious Material, %	IS: 2386-1963 Part-2
14	MECHANICAL- BUILDINGS MATERIALS	Aggregate(Coarse)	Water absorption, %	IS: 2386-1963 Part-3
15	MECHANICAL- BUILDINGS MATERIALS	Autoclave aerated concrete	Block Density	IS 2185 part3
16	MECHANICAL- BUILDINGS MATERIALS	Autoclave Aerated Concrete	Compressive strength	IS 2185 Part 3
17	MECHANICAL- BUILDINGS MATERIALS	Autoclave Aerated Concrete	Dimension	IS 2185 (part 3)
18	MECHANICAL- BUILDINGS MATERIALS	Autoclave Aerated Concrete	Dimension	IS 2185 (part 3)

SCOPE OF ACCREDITATION

Laboratory Name : UP TESTING LABORATORY PRIVATE LIMITED, LGF, AERO BUSINESS TOWER,CHANDER NAGAR,SURYA NAGAR, GHAZIABAD, UTTAR PRADESH, INDIA

Accreditation Standard ISO/IEC 17025:2017

Certificate Number TC-9780 **Page No** 2 of 4

Validity 23/08/2021 to 22/08/2023 **Last Amended on** 26/05/2023

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	Autoclave Aerated Concrete	Dimension	IS 2185 (part 3)
20	MECHANICAL- BUILDINGS MATERIALS	Burnt Clay Brick	Compressive Strength	IS 3495(part 1)
21	MECHANICAL- BUILDINGS MATERIALS	Burnt Clay Brick	Water Absorption	IS 3495 (part 2)
22	MECHANICAL- BUILDINGS MATERIALS	Burnt Clay Bricks	Dimension (Length)	IS 1077
23	MECHANICAL- BUILDINGS MATERIALS	Burnt Clay Bricks	Dimension (thickness)	IS 1077
24	MECHANICAL- BUILDINGS MATERIALS	Burnt Clay Bricks	Dimension (width)	IS 1077
25	MECHANICAL- BUILDINGS MATERIALS	Burnt Clay Bricks	Efflorescence	IS 3495 (part 3)
26	MECHANICAL- BUILDINGS MATERIALS	Fine Aggregate	Sieve Analysis	IS: 2386-1963 Part-1
27	MECHANICAL- BUILDINGS MATERIALS	Fine Aggregate	Bulk Density, Kg/ltr.	IS: 2386-1963 Part-3
28	MECHANICAL- BUILDINGS MATERIALS	Fine aggregate	Clay Lumps, %	IS: 2386-1963 Part-2
29	MECHANICAL- BUILDINGS MATERIALS	Fine Aggregate	Coal & Lignite, %	IS: 2386-1963 Part-2
30	MECHANICAL- BUILDINGS MATERIALS	Fine Aggregate	Material finer than 75 microns IS: Sieve, %	IS: 2386-1963 Part-1
31	MECHANICAL- BUILDINGS MATERIALS	Fine Aggregate	Organic Impurities	IS: 2386-1963 Part-2
32	MECHANICAL- BUILDINGS MATERIALS	Fine Aggregate	Silt Content	CPWD Specification
33	MECHANICAL- BUILDINGS MATERIALS	Fine Aggregate	Soundness by Magnesium Sulphate	IS: 2386-1963 Part-5
34	MECHANICAL- BUILDINGS MATERIALS	Fine Aggregate	Soundness by Sodium Sulphate	IS: 2386-1963 Part-5
35	MECHANICAL- BUILDINGS MATERIALS	Fine Aggregate	Specific Gravity,	IS: 2386-1963Part-3
36	MECHANICAL- BUILDINGS MATERIALS	Fine Aggregate	Total Deleterious Material, %	IS: 2386-1963 Part-21
37	MECHANICAL- BUILDINGS MATERIALS	Fine Aggregate	Water Absorption	IS: 2386-1963 Part-3

SCOPE OF ACCREDITATION

Laboratory Name : UP TESTING LABORATORY PRIVATE LIMITED, LGF, AERO BUSINESS TOWER,CHANDER NAGAR,SURYA NAGAR, GHAZIABAD, UTTAR PRADESH, INDIA

Accreditation Standard ISO/IEC 17025:2017

Certificate Number TC-9780 **Page No** 3 of 4

Validity 23/08/2021 to 22/08/2023 **Last Amended on** 26/05/2023

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
38	MECHANICAL- BUILDINGS MATERIALS	Fly ash brick	Compressive Strength	IS 3495 (part 1)
39	MECHANICAL- BUILDINGS MATERIALS	Fly ash brick	Dimension (length)	IS 12894
40	MECHANICAL- BUILDINGS MATERIALS	Fly ash brick	Dimension (Thickness)	IS 12894
41	MECHANICAL- BUILDINGS MATERIALS	Fly ash brick	Dimension (width)	IS 12894
42	MECHANICAL- BUILDINGS MATERIALS	Fly ash brick	Efflorescence	IS 3495 (part 3)
43	MECHANICAL- BUILDINGS MATERIALS	Fly ash brick	Water Absorption	IS 3495 (part 2)
44	MECHANICAL- BUILDINGS MATERIALS	Fly ash burnt clay brick	Dimension (thickness)	IS 13757
45	MECHANICAL- BUILDINGS MATERIALS	Fly ash burnt clay brick	Dimension(length)	IS 13757
46	MECHANICAL- BUILDINGS MATERIALS	fly ash burnt clay brick	Dimension(width)	IS 13757
47	MECHANICAL- BUILDINGS MATERIALS	Hardened Concrete Core	Compressive Strength	IS 516 (part 4)
48	MECHANICAL- BUILDINGS MATERIALS	Hardened Concrete Cube	Compressive Strength	IS 516 (part 1)Sec-1
49	MECHANICAL- BUILDINGS MATERIALS	Paver Block	Compressive Strength	IS 15658
50	MECHANICAL- BUILDINGS MATERIALS	Paver Block	Water Absorption	IS 15658
51	MECHANICAL- SOIL AND ROCK	soil	California bearing ratio	IS:2720 part16
52	MECHANICAL- SOIL AND ROCK	Soil	Direct Shear Test(Angle internal friction)	IS:2720Part13
53	MECHANICAL- SOIL AND ROCK	Soil	Direct Shear Test(Cohesion Test)	IS:2720Part-13
54	MECHANICAL- SOIL AND ROCK	Soil	Free Swell Index	IS:2720Part40
55	MECHANICAL- SOIL AND ROCK	Soil	Grain Size Analysis (75 microns - 40 mm)	IS 2720 (part 4)
56	MECHANICAL- SOIL AND ROCK	soil	Grain size analysis(Hydrometer)	IS:2720(Part-4)

SCOPE OF ACCREDITATION

Laboratory Name :	UP TESTING LABORATORY PRIVATE LIMITED, LGF, AERO BUSINESS TOWER,CHANDER NAGAR,SURYA NAGAR, GHAZIABAD, UTTAR PRADESH, INDIA		
Accreditation Standard	ISO/IEC 17025:2017		
Certificate Number	TC-9780	**Page No**	4 of 4
Validity	23/08/2021 to 22/08/2023	**Last Amended on**	26/05/2023

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
57	MECHANICAL- SOIL AND ROCK	Soil	Liquid Limit	IS 2720 (part 5)
58	MECHANICAL- SOIL AND ROCK	Soil	Maximum Dry Density - Heavy Compaction	IS 2720 (part 8)
59	MECHANICAL- SOIL AND ROCK	Soil	Maximum Dry Density - Light Compaction	IS 2720 (part 7)
60	MECHANICAL- SOIL AND ROCK	Soil	Optimum Moisture Content - Heavy Compaction	IS 2720 (part 8)
61	MECHANICAL- SOIL AND ROCK	Soil	Optimum Moisture Content - Light Compaction	IS 2720 (part 7)
62	MECHANICAL- SOIL AND ROCK	Soil	Plastic Limit	IS 2720 (part 5)
63	MECHANICAL- SOIL AND ROCK	Soil	Shrinkage Limit	IS 2720 (part 6)
64	MECHANICAL- SOIL AND ROCK	Soil	Specific Gravity	IS 2720 (part 3), section 1