National Accreditation Board for Testing and Calibration Laboratories

SCOPE OF ACCREDITATION

Laboratory Name :	DPS ANALYTICAL LABORATORY, G-7 SITE NO-3, PANKI UDYAOG NAGAR, KANPUR, KANPUR NAGAR, UTTAR PRADESH, INDIA		
Accreditation Standard	ISO/IEC 17025:2017		
Certificate Number	TC-10196	**Page No**	1 of 6
Validity	04/01/2022 to 03/01/2024	**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	CHEMICAL- BUILDING MATERIAL	Admixture	Ash content	IS 9103
2	CHEMICAL- BUILDING MATERIAL	Admixture	Chlorides	IS 6925
3	CHEMICAL- BUILDING MATERIAL	Admixture	Dry Material Content	IS 9103
4	CHEMICAL- BUILDING MATERIAL	Admixture	pH	IS 9103
5	CHEMICAL- BUILDING MATERIAL	Admixture	Relative Density	IS 9103
6	CHEMICAL- BUILDING MATERIAL	Aggregates	Alkali Aggregate Reactivity	IS: 2386 (P-VII) (Cl.3)
7	CHEMICAL- BUILDING MATERIAL	Aggregates	Chlorides (Acid & Water Soluble)	IS 14959 (P-2)
8	CHEMICAL- BUILDING MATERIAL	Aggregates	Sulphates	IS 4032
9	CHEMICAL- BUILDING MATERIAL	Cement	Sulphuric Anhydride (SO3)	IS 4032
10	CHEMICAL- BUILDING MATERIAL	Cement	Alumina (Al2O3)	IS 4032 (Cl. 4.6.1)
11	CHEMICAL- BUILDING MATERIAL	Cement	Calcium oxide(CaO)	IS 4032 (Cl. 4.7.1)
12	CHEMICAL- BUILDING MATERIAL	Cement	Chlorides	IS 4032
13	CHEMICAL- BUILDING MATERIAL	Cement	Ferric oxide (Fe2O3)	IS 4032 (Cl. 4.5.1)
14	CHEMICAL- BUILDING MATERIAL	Cement	Insoluble Residue (IR)	IS 4032
15	CHEMICAL- BUILDING MATERIAL	Cement	Loss of Ignition	IS 4032
16	CHEMICAL- BUILDING MATERIAL	Cement	Magnesia (Mgo)	IS 4032 (Cl. 4.8.1 & 7.2)
17	CHEMICAL- BUILDING MATERIAL	Cement	Silica(SiO2)	IS 4032
18	MECHANICAL- BUILDINGS MATERIALS	Burnt clay Bricks	Compressive Strength	IS 3495 (P-1)

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Accreditation Standard ISO/IEC 17025:2017

Certificate Number TC-10196 **Page No** 2 of 6

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19	MECHANICAL- BUILDINGS MATERIALS	Burnt clay Bricks	Dimensions Length,Width& Height	IS 1077
20	MECHANICAL- BUILDINGS MATERIALS	Burnt Clay Bricks	Efflorescence	IS 3495 (P-3)
21	MECHANICAL- BUILDINGS MATERIALS	Burnt Clay Bricks	Water Absorption	IS 3495 (P-2)
22	MECHANICAL- BUILDINGS MATERIALS	Cement	Compressive Strength	IS 4031 (P-6)
23	MECHANICAL- BUILDINGS MATERIALS	Cement	Consistency	IS 4031 (P-4)
24	MECHANICAL- BUILDINGS MATERIALS	Cement	Density	IS 4031 (P-11)
25	MECHANICAL- BUILDINGS MATERIALS	Cement	Fineness (by Blaine's Method)	IS: 4031 (P-2)
26	MECHANICAL- BUILDINGS MATERIALS	Cement	Fineness by dry sieving	IS 4031 (P-1)
27	MECHANICAL- BUILDINGS MATERIALS	Cement	Setting Time (Final)	IS 4031 (P-5)
28	MECHANICAL- BUILDINGS MATERIALS	Cement	Setting Time (Initial)	IS 4031 (P-5)
29	MECHANICAL- BUILDINGS MATERIALS	Cement	Soundness (Autoclave)	IS 4031 (P-3)
30	MECHANICAL- BUILDINGS MATERIALS	Cement	Soundness (Le-chatelier)	IS: 4031 (P-3)
31	MECHANICAL- BUILDINGS MATERIALS	Ceramic Tiles	Scratch Hardness of Surface	IS 13630 (Part-13)
32	MECHANICAL- BUILDINGS MATERIALS	Ceramic Tiles	Thickness	IS 13630 (Part-1)
33	MECHANICAL- BUILDINGS MATERIALS	Ceramic Tiles	Chemical Resistance Test	IS 13630 (Part-8)
34	MECHANICAL- BUILDINGS MATERIALS	Ceramic Tiles	Length	IS 13630 (Part-1)
35	MECHANICAL- BUILDINGS MATERIALS	Ceramic Tiles	Rectangularity	IS 13630 (Part-1)
36	MECHANICAL- BUILDINGS MATERIALS	Ceramic Tiles	Stain Test	IS 13630 (Part-8)
37	MECHANICAL- BUILDINGS MATERIALS	Ceramic Tiles	Straightness of Side	IS 13630 (Part-1)

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Accreditation Standard ISO/IEC 17025:2017

Certificate Number TC-10196 **Page No** 3 of 6

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38	MECHANICAL- BUILDINGS MATERIALS	Ceramic Tiles	Surface Flatness	IS 13630 (Part-1)
39	MECHANICAL- BUILDINGS MATERIALS	Ceramic Tiles	Water Absorption	IS 13630 (Part-2)
40	MECHANICAL- BUILDINGS MATERIALS	Ceramic Tiles	Width	IS 13630 (Part-1)
41	MECHANICAL- BUILDINGS MATERIALS	Cheqered Cement Concrete Tiles	Perpendicularity	IS 13801
42	MECHANICAL- BUILDINGS MATERIALS	Cheqered Cement Concrete Tiles	Dimension-Length	IS 13801
43	MECHANICAL- BUILDINGS MATERIALS	Cheqered Cement Concrete Tiles	Dimensions- Thickness	IS 13801
44	MECHANICAL- BUILDINGS MATERIALS	Cheqered Cement Concrete Tiles	Dimension-Width	IS 13801
45	MECHANICAL- BUILDINGS MATERIALS	Cheqered Cement Concrete Tiles	Flatness of the Tile surface	IS 13801
46	MECHANICAL- BUILDINGS MATERIALS	Cheqered Cement Concrete Tiles	Straightness	IS 13801
47	MECHANICAL- BUILDINGS MATERIALS	Cheqered Cement Concrete Tiles	Water Absorption %	IS 13801
48	MECHANICAL- BUILDINGS MATERIALS	Coarse Aggregates	10% Fine Value	IS: 2386 (P-4)
49	MECHANICAL- BUILDINGS MATERIALS	Coarse Aggregates	Abrasion Value (Los Angeles)	IS 2386 (P-4)
50	MECHANICAL- BUILDINGS MATERIALS	Coarse Aggregates	Bulk Density	IS 2386 (P-3)
51	MECHANICAL- BUILDINGS MATERIALS	Coarse Aggregates	Crushing Value	IS 2386 (P-4)
52	MECHANICAL- BUILDINGS MATERIALS	Coarse Aggregates	Deleterious Material	IS 2386 (P-2)
53	MECHANICAL- BUILDINGS MATERIALS	Coarse Aggregates	Impact Value	IS 2386 (P-4)
54	MECHANICAL- BUILDINGS MATERIALS	Coarse Aggregates	Organic Impurities	IS 2386 (P-2)
55	MECHANICAL- BUILDINGS MATERIALS	Coarse Aggregates	Sieve Analysis	IS 2386 (P-1)
56	MECHANICAL- BUILDINGS MATERIALS	Coarse Aggregates	Soundness	IS 2386 (P-5)

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Certificate Number TC-10196 **Page No** 4 of 6

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57	MECHANICAL- BUILDINGS MATERIALS	Coarse Aggregates	Specific Gravity	IS 2386 (P-3)
58	MECHANICAL- BUILDINGS MATERIALS	Coarse Aggregates	Water Absorption	IS 2386 (P-3)
59	MECHANICAL- BUILDINGS MATERIALS	Concrete	Compressive Strength	IS 516
60	MECHANICAL- BUILDINGS MATERIALS	Concrete	Compressive Strength by Core	IS 516 (P-4)
61	MECHANICAL- BUILDINGS MATERIALS	Fine Aggregates	Bulk Density	IS 2386 (P-3)
62	MECHANICAL- BUILDINGS MATERIALS	Fine Aggregates	Deleterious Material	IS 2386 (P-2)
63	MECHANICAL- BUILDINGS MATERIALS	Fine Aggregates	Organic Impurities	IS 2386 (P-2)
64	MECHANICAL- BUILDINGS MATERIALS	Fine Aggregates	Sieve Analysis	IS 2386 (P-1)
65	MECHANICAL- BUILDINGS MATERIALS	Fine Aggregates	Silt Clay and Fine Dust	IS 2386 (P-2)
66	MECHANICAL- BUILDINGS MATERIALS	Fine Aggregates	Soundness	IS 2386 (P-5)
67	MECHANICAL- BUILDINGS MATERIALS	Fine Aggregates	Specific Gravity	IS 2386 (P-3)
68	MECHANICAL- BUILDINGS MATERIALS	Fine Aggregates	Water Absorption	IS 2386 (P-3)
69	MECHANICAL- BUILDINGS MATERIALS	Flush Door Shutters	End Immersion Test	IS 4020 (P-13)
70	MECHANICAL- BUILDINGS MATERIALS	Flush Door Shutters	Glue Adhesion Test	IS 4020 (P-15)
71	MECHANICAL- BUILDINGS MATERIALS	Flush Door Shutters	Knife Test	IS 4020 (P-14)
72	MECHANICAL- BUILDINGS MATERIALS	Plywood	Moisture Content	IS 1734 (P-1)
73	MECHANICAL- BUILDINGS MATERIALS	Timber	Density	IS 1708(P-2)
74	MECHANICAL- BUILDINGS MATERIALS	Timber	Moisture Content	IS 1708 (P-1)

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Certificate Number TC-10196 **Page No** 5 of 6

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75	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous (Reinforcing Steel Bar)	Mass per Meter	IS 1786
76	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous (Reinforcing Steel Bar)	Re bend test	IS 1786
77	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous products	Rockwell Hardness (C Scale)	IS- 1586 (P-1)
78	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Metals (Ferrous & Non Ferrous materials, alloys & products)	Bend test	IS 1599
79	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Metals (Ferrous & Non Ferrous materials, alloys & products)	Elongation	IS 1608 (P-1)
80	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Metals (Ferrous & Non Ferrous materials, alloys & products)	Rockwell Hardness (B Scale)	IS 1586 (P-1)
81	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Metals (Ferrous & Non Ferrous materials, alloys & products)	Yield stress	IS 1608 (P-1)
82	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Metals (Ferrous &Non Ferrous materials, alloys & products)	Reduction of Area	IS 1608 (P-1)
83	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Metals (Ferrous &Non Ferrous materials, alloys & products)	Ultimate Tensile strength	IS 1608 (P-1)
84	MECHANICAL- SOIL AND ROCK	Soil	Liquid Limit	IS 2720 (P-5)
85	MECHANICAL- SOIL AND ROCK	Soil	MDD (Heavy Compaction)	IS 2720 (P-8)
86	MECHANICAL- SOIL AND ROCK	Soil	MDD (Light Compaction)	IS 2720 (P-7)
87	MECHANICAL- SOIL AND ROCK	Soil	OMC (Heavy Compaction)	IS 2720 (P-8)
88	MECHANICAL- SOIL AND ROCK	Soil	OMC (Light Compaction)	IS: 2720 (P-7)
89	MECHANICAL- SOIL AND ROCK	Soil	Plastic Limit	IS 2720 (P-5)

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Certificate Number	TC-10196	**Page No**	6 of 6
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90	MECHANICAL- SOIL AND ROCK	Soil	Plasticity Index	IS 2720 (P-5)