National Accreditation Board for Testing and Calibration Laboratories

SCOPE OF ACCREDITATION

Laboratory Name : DELHI TEST HOUSE, F-402, TRANSPORT NAGAR, KANPUR ROAD, LUCKNOW, UTTAR PRADESH, INDIA

Accreditation Standard ISO/IEC 17025:2017

Certificate Number TC-10222 **Page No** 1 of 4

Validity 14/01/2022 to 13/01/2024 **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	Cement (OPC/PPC)	Al2O3	IS 4032
2	CHEMICAL- BUILDING MATERIAL	Cement (OPC/PPC)	CaO	IS 4032
3	CHEMICAL- BUILDING MATERIAL	Cement (OPC/PPC)	Fe2O3	IS 4032
4	CHEMICAL- BUILDING MATERIAL	Cement (OPC/PPC)	Insoluble Residue	IS 4032
5	CHEMICAL- BUILDING MATERIAL	Cement (OPC/PPC)	LOI	IS 4032
6	CHEMICAL- BUILDING MATERIAL	Cement (OPC/PPC)	MgO	IS 4032
7	CHEMICAL- BUILDING MATERIAL	Cement (OPC/PPC)	Ratio of % of Aluminum to that of Iron Oxide	IS 4032
8	CHEMICAL- BUILDING MATERIAL	Cement (OPC/PPC)	Ratio of % of Lime to % of SiO2, Al2O3 & Fe2O3 as per formula (CaO-0.7SO3)	IS 4032
9	CHEMICAL- BUILDING MATERIAL	Cement (OPC/PPC)	SiO2	IS 4032
10	CHEMICAL- BUILDING MATERIAL	Cement (OPC/PPC)	SO3	IS 4032
11	CHEMICAL- BUILDING MATERIAL	Cement (OPC/PPC)	Total Chloride	IS 4032
12	CHEMICAL- METALS & ALLOYS	Steel	Carbon	IS 228 (Part 1)
13	CHEMICAL- METALS & ALLOYS	Steel	Manganese	IS 228 (Part 2)
14	CHEMICAL- METALS & ALLOYS	Steel	Phosphorous	IS 228 (Part 3)
15	CHEMICAL- METALS & ALLOYS	Steel	Silicon	IS 228 (Part 8)
16	CHEMICAL- METALS & ALLOYS	Steel	Sulphur	IS 228 (Part 9)
17	MECHANICAL- BUILDINGS MATERIALS	Burnt Clay Building Bricks	Dimension (H)	IS 1077
18	MECHANICAL- BUILDINGS MATERIALS	Burnt Clay Building Bricks	Dimension (L)	IS 1077

SCOPE OF ACCREDITATION

Laboratory Name : DELHI TEST HOUSE, F-402, TRANSPORT NAGAR, KANPUR ROAD, LUCKNOW, UTTAR PRADESH, INDIA

Accreditation Standard ISO/IEC 17025:2017

Certificate Number TC-10222 **Page No** 2 of 4

Validity 14/01/2022 to 13/01/2024 **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
19	MECHANICAL- BUILDINGS MATERIALS	Burnt Clay Building Bricks	Dimension (W)	IS 1077
20	MECHANICAL- BUILDINGS MATERIALS	Burnt Clay Building Bricks/ Fly Ash Bricks	Compressive Strength	IS 3495 (Part 1)
21	MECHANICAL- BUILDINGS MATERIALS	Burnt Clay Building Bricks/ Fly Ash Bricks	Efflorescence	IS 3495 (Part 3)
22	MECHANICAL- BUILDINGS MATERIALS	Burnt Clay Building Bricks/ Fly Ash Bricks	Water Absorption	IS 3495 (Part 2)
23	MECHANICAL- BUILDINGS MATERIALS	Cement (OPC/PPC)	Compressive Strength (72±1 Hours, 168±2 Hours, 672±4 Hours)	IS 4031 (Part 6)
24	MECHANICAL- BUILDINGS MATERIALS	Cement (OPC/PPC)	Consistency	IS 4031 (Part 4)
25	MECHANICAL- BUILDINGS MATERIALS	Cement (OPC/PPC)	Density	IS 4031 (Part 11)
26	MECHANICAL- BUILDINGS MATERIALS	Cement (OPC/PPC)	Fineness by Blaine's Air Permeability	IS 4031 (Part 2)
27	MECHANICAL- BUILDINGS MATERIALS	Cement (OPC/PPC)	Setting Time Final	IS 4031 (Part 5)
28	MECHANICAL- BUILDINGS MATERIALS	Cement (OPC/PPC)	Setting Time Initial	IS 4031 (Part 5)
29	MECHANICAL- BUILDINGS MATERIALS	Cement (OPC/PPC)	Soundness by Autoclave	IS 4031 (Part 3)
30	MECHANICAL- BUILDINGS MATERIALS	Cement (OPC/PPC)	Soundness by Le-chatlier	IS 4031 (Part 3)
31	MECHANICAL- BUILDINGS MATERIALS	Coarse Aggregate	10% Fines Value	IS 2386 (Part 4)
32	MECHANICAL- BUILDINGS MATERIALS	Coarse Aggregate	Bulk Density	IS 2386 (Part 3)
33	MECHANICAL- BUILDINGS MATERIALS	Coarse Aggregate	Crushing Value	IS 2386 (Part 4)
34	MECHANICAL- BUILDINGS MATERIALS	Coarse Aggregate	Elongation Index	IS 2386 (Part 1)
35	MECHANICAL- BUILDINGS MATERIALS	Coarse Aggregate	Flakiness Index	IS 2386 (Part 1)
36	MECHANICAL- BUILDINGS MATERIALS	Coarse Aggregate	Impact Value	IS 2386 (Part 4)

SCOPE OF ACCREDITATION

Laboratory Name : DELHI TEST HOUSE, F-402, TRANSPORT NAGAR, KANPUR ROAD, LUCKNOW, UTTAR PRADESH, INDIA

Accreditation Standard ISO/IEC 17025:2017

Certificate Number TC-10222 **Page No** 3 of 4

Validity 14/01/2022 to 13/01/2024 **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
37	MECHANICAL- BUILDINGS MATERIALS	Coarse Aggregate	Los Angles Abrasion	IS 2386 (Part 4)
38	MECHANICAL- BUILDINGS MATERIALS	Coarse Aggregate	Sieve Analysis (2.36 mm to 80 mm)	IS 2386 (Part 1)
39	MECHANICAL- BUILDINGS MATERIALS	Coarse Aggregate	Soundness	IS 2386 (Part 5)
40	MECHANICAL- BUILDINGS MATERIALS	Coarse Aggregate	Specific Gravity	IS 2386 (Part 3)
41	MECHANICAL- BUILDINGS MATERIALS	Coarse Aggregate	Water Absorption	IS 2386 (Part 3)
42	MECHANICAL- BUILDINGS MATERIALS	Concrete Core	Compressive Strength	IS 516 (Part 4)
43	MECHANICAL- BUILDINGS MATERIALS	Concrete Cube	Compressive Strength	IS 516
44	MECHANICAL- BUILDINGS MATERIALS	Fine Aggregate	Bulk Density	IS 2386 (Part 3)
45	MECHANICAL- BUILDINGS MATERIALS	Fine Aggregate	Bulking of Sand	IS 2386 (Part 3)
46	MECHANICAL- BUILDINGS MATERIALS	Fine Aggregate	Sieve Analysis (150 micron to 10 mm)	IS 2386 (Part 1)
47	MECHANICAL- BUILDINGS MATERIALS	Fine Aggregate	Soundness by Na2So4	IS 2386 (Part 5)
48	MECHANICAL- BUILDINGS MATERIALS	Fine Aggregate	Specific Gravity	IS 2386 (Part 3)
49	MECHANICAL- BUILDINGS MATERIALS	Fine Aggregate	Water Absorption	IS 2386 (Part 3)
50	MECHANICAL- BUILDINGS MATERIALS	Fly Ash Bricks	Dimension (H)	IS 13757
51	MECHANICAL- BUILDINGS MATERIALS	Fly Ash Bricks	Dimension (L)	IS 13757
52	MECHANICAL- BUILDINGS MATERIALS	Fly Ash Bricks	Dimension (W)	IS 13757
53	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Steel/ Structural Steel	Bend	IS 1599
54	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Steel/ Structural Steel	Elongation %	IS 1608 (Part 1)

SCOPE OF ACCREDITATION

Laboratory Name :	DELHI TEST HOUSE, F-402, TRANSPORT NAGAR, KANPUR ROAD, LUCKNOW, UTTAR PRADESH, INDIA		
Accreditation Standard	ISO/IEC 17025:2017		
Certificate Number	TC-10222	**Page No**	4 of 4
Validity	14/01/2022 to 13/01/2024	**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
55	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Steel/ Structural Steel	Mass per meter	IS 1786
56	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Steel/ Structural Steel	Re-bend	IS 1786
57	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Steel/ Structural Steel	Tensile Strength	IS 1608 (Part 1)
58	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Steel/ Structural Steel	TS/YS Ratio	IS 1608 (Part 1)
59	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Steel/ Structural Steel	Yield Stress	IS 1608 (Part 1)