National Accreditation Board for Testing and Calibration Laboratories

SCOPE OF ACCREDITATION

Laboratory Name : STERN TESTING & CONSULTANCY PVT. LTD., PLOT NO G-2049, KISHAN GATE, METODA GIDC, RAJKOT, GUJARAT, INDIA

Accreditation Standard ISO/IEC 17025:2017

Certificate Number TC-5888 **Page No** 1 of 3

Validity 23/08/2021 to 22/08/2023 **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- WATER	Water	Suspended matter	IS:3025(part-17)
2	CHEMICAL- WATER	water	0.02 H_2SO_4 requird to neutralized 100ml of water sample using mixed indicator.	IS:3025-part(23)
3	CHEMICAL- WATER	Water	0.02 N NaOH required to Neutralize 100 ml of water sample using phenolphthelein as an indicator	IS:3025 (part-22)
4	CHEMICAL- WATER	Water	Chloride Test	IS:3025 (part-32)
5	CHEMICAL- WATER	Water	Inorganic Solids	IS:3025 (part-18)
6	CHEMICAL- WATER	Water	Organic solids	IS:3025 (part-18)
7	CHEMICAL- WATER	Water	pH Value	IS:3025 (part-2)
8	CHEMICAL- WATER	Water	Sulphates Test	IS:3025 (part-24)
9	MECHANICAL- BUILDINGS MATERIALS	Aggregate	Crushing Value	IS:2386 (part-4)
10	MECHANICAL- BUILDINGS MATERIALS	Bitumen	Absolute Viscosity	IS-1206 (part 2)
11	MECHANICAL- BUILDINGS MATERIALS	Bitumen	Ductility Test	IS-1208
12	MECHANICAL- BUILDINGS MATERIALS	Bitumen	Kinematic Viscosity	IS-1206 (part 3)
13	MECHANICAL- BUILDINGS MATERIALS	Bitumen	Penetration Test	IS-1203
14	MECHANICAL- BUILDINGS MATERIALS	Bitumen	Softening Point	IS-1205
15	MECHANICAL- BUILDINGS MATERIALS	Bitumen	Specific Gravity	IS-1202
16	MECHANICAL- BUILDINGS MATERIALS	Bricks	Compressive Strength	IS-3495 (part 1)
17	MECHANICAL- BUILDINGS MATERIALS	Bricks	Dimension & Tolerance	IS-1077
18	MECHANICAL- BUILDINGS MATERIALS	Bricks	Effloscence	IS-3495 (part 3)
19	MECHANICAL- BUILDINGS MATERIALS	Bricks	Water Absorption	IS-3495 (part 2)

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20	MECHANICAL- BUILDINGS MATERIALS	cement (OPC)	Fineness (Blain air permeability method)	IS-4031 (part 2)
21	MECHANICAL- BUILDINGS MATERIALS	cement(OPC)	Compressive Strength (28 days)	IS-4031 (part 6)
22	MECHANICAL- BUILDINGS MATERIALS	cement(OPC)	Consistency Test	IS-4031(part 4)
23	MECHANICAL- BUILDINGS MATERIALS	cement(OPC)	Final Setting Time	IS-4031 (part 5)
24	MECHANICAL- BUILDINGS MATERIALS	cement(OPC)	Initial Setting Time	IS-4031 (part 5)
25	MECHANICAL- BUILDINGS MATERIALS	cement(OPC)	Soundness(Le-chatelier)	IS-4031(part 3)
26	MECHANICAL- BUILDINGS MATERIALS	Coarse Aggregates	Abrasion Value	IS-2386 (part 4)
27	MECHANICAL- BUILDINGS MATERIALS	Coarse Aggregates	Elongation	IS-2386 (part 1)
28	MECHANICAL- BUILDINGS MATERIALS	Coarse Aggregates	Flakiness	IS-2386 (part 1)
29	MECHANICAL- BUILDINGS MATERIALS	Coarse Aggregates	Gradation	IS-2386 (part 1)
30	MECHANICAL- BUILDINGS MATERIALS	Coarse Aggregates	Impact Value	IS-2386 (part 4)
31	MECHANICAL- BUILDINGS MATERIALS	Coarse Aggregates	Soundness Test	IS-2386 (part 5)
32	MECHANICAL- BUILDINGS MATERIALS	Coarse Aggregates	Specific Gravity	IS-2386 (part 3)
33	MECHANICAL- BUILDINGS MATERIALS	Coarse Aggregates	Water Absorption	IS-2386(part 3)
34	MECHANICAL- BUILDINGS MATERIALS	Concrete	Compressive Strength	IS-516
35	MECHANICAL- BUILDINGS MATERIALS	Fine Aggregates	Fineness Modulus by gradation	IS-2386(part 1)
36	MECHANICAL- BUILDINGS MATERIALS	Fine Aggregates	Silt content	IS-2386(part 1)
37	MECHANICAL- BUILDINGS MATERIALS	Fine Aggregates	Specific Gravity	IS-2386(part 3)
38	MECHANICAL- BUILDINGS MATERIALS	Fine Aggregates	Water Absorption	IS-2386(part 3)

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39	MECHANICAL- BUILDINGS MATERIALS	Steel	Elongation	IS-1786
40	MECHANICAL- BUILDINGS MATERIALS	Steel	Ultimate Tensile Strength	IS-1608
41	MECHANICAL- SOIL AND ROCK	Soil	Atterberg Limit (LL)	IS-2720 (part 5)
42	MECHANICAL- SOIL AND ROCK	Soil	Atterberg Limit (PL)	IS-2720 (part 5)
43	MECHANICAL- SOIL AND ROCK	Soil	CBR Test	IS-2720 (part 16)
44	MECHANICAL- SOIL AND ROCK	Soil	Compaction Test (Heavy) & MDD	IS-2720 (part 8)
45	MECHANICAL- SOIL AND ROCK	Soil	Compaction Test (Heavy) & OMC	IS-2720 (part 8)
46	MECHANICAL- SOIL AND ROCK	Soil	Compaction Test (Light) & MDD	IS-2720 (part 7)
47	MECHANICAL- SOIL AND ROCK	Soil	Compaction Test (Light) & OMC	IS-2720 (part 7)
48	MECHANICAL- SOIL AND ROCK	Soil	Grain Size Analysis	IS-2720 (part 4)