National Accreditation Board for Testing and Calibration Laboratories

SCOPE OF ACCREDITATION

Laboratory Name : STRENGTH TECHNOCLINIC PRIVATE LIMITED, PLOT NO. 1086, KONDAPUR VILLAGE, HYDERABAD, TELANGANA, INDIA

Accreditation Standard ISO/IEC 17025:2017

Certificate Number TC-8968 **Page No** 1 of 4

Validity 14/10/2022 to 13/10/2024 **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	Bitumen Mixes (DBM / BC / SDBC / BM)	Binder Content	ASTM D2172
2	MECHANICAL- BUILDINGS MATERIALS	Bitumen Mixes (DBM / BC / SDBC / BM)	Sieve Analysis -45mm to 75 microns	IS 2386 (Part 1)
3	MECHANICAL- BUILDINGS MATERIALS	Cement (OPC / PPC/ PSC / Slag)	Compressive Strength	IS 4031 (Part 6)
4	MECHANICAL- BUILDINGS MATERIALS	Cement (OPC / PPC/ PSC / Slag)	Density	IS 4031 (Part 11)
5	MECHANICAL- BUILDINGS MATERIALS	Cement (OPC / PPC/ PSC / Slag)	Final Setting Time	IS 4031 (Part 5)
6	MECHANICAL- BUILDINGS MATERIALS	Cement (OPC / PPC/ PSC / Slag)	Initial Setting Time	IS: 4031 (Part 5)
7	MECHANICAL- BUILDINGS MATERIALS	Cement (OPC / PPC/ PSC / Slag)	Normal Consistency	IS 4031 (Part 4)
8	MECHANICAL- BUILDINGS MATERIALS	Cement (OPC / PPC/ PSC / Slag)	Soundness by Le-Chatelier Method	IS: 4031 (Part 3)
9	MECHANICAL- BUILDINGS MATERIALS	Coarse Aggregate	Bulk Density	IS 2386 (Part 3)
10	MECHANICAL- BUILDINGS MATERIALS	Coarse Aggregate	Crushing Value	IS 2386 (Part 4)
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	Sieve Analysis (4.75 to 40 mm)	IS 2386 (Part 1)
15	MECHANICAL- BUILDINGS MATERIALS	Coarse Aggregate	Specific Gravity	IS 2386 (Part 3)
16	MECHANICAL- BUILDINGS MATERIALS	Coarse Aggregate	Ten Percent Fines Value	IS 2386 (Part 4)
17	MECHANICAL- BUILDINGS MATERIALS	Coarse Aggregate	Water Absorption	IS 2386 (Part 3)
18	MECHANICAL- BUILDINGS MATERIALS	Fine Aggregate	Bulk Density	IS 2386 (Part 3)

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19	MECHANICAL- BUILDINGS MATERIALS	Fine Aggregate	Material Finer than 75 micron	IS 2386 (Part 1)
20	MECHANICAL- BUILDINGS MATERIALS	Fine Aggregate	Specific Gravity	IS 2386 (Part 3)
21	MECHANICAL- BUILDINGS MATERIALS	Fine Aggregate	Water Absorption	IS 2386 (Part 3)
22	MECHANICAL- BUILDINGS MATERIALS	Finer Aggregate	Sieve Analysis (0.15 to 10 mm)	IS 2386 (Part 1)
23	MECHANICAL- BUILDINGS MATERIALS	Hardened Concrete	Core Compressive Strength	IS 516 Part 4
24	MECHANICAL- BUILDINGS MATERIALS	Hardened Concrete	Cube Compressive Strength	IS 516 (Part-1/Sec-1))
25	MECHANICAL- BUILDINGS MATERIALS	Reinforcement Steel	% Elongation	IS: 1608 (Part 1)
26	MECHANICAL- BUILDINGS MATERIALS	Reinforcement Steel	Bend Test	IS: 1599
27	MECHANICAL- BUILDINGS MATERIALS	Reinforcement Steel	Mass per meter	IS 1786
28	MECHANICAL- BUILDINGS MATERIALS	Reinforcement Steel	Re-Bend	IS: 1786
29	MECHANICAL- BUILDINGS MATERIALS	Reinforcement Steel	Ultimate Tensile Strength	IS: 1608 (Part 1)
30	MECHANICAL- BUILDINGS MATERIALS	Reinforcement Steel	Yield Stress	IS: 1608 (Part 1)
31	MECHANICAL- SOIL AND ROCK	Soil	Direct shear test (C Value)	IS 2720 Part 13
32	MECHANICAL- SOIL AND ROCK	Soil	Direct shear test (Phi Value)	IS 2720 Part 13
33	MECHANICAL- SOIL AND ROCK	Soil	Free Swell Index	IS 2720 Part 40
34	MECHANICAL- SOIL AND ROCK	Soil	Grain Size Analysis	IS 2720 Part 4
35	MECHANICAL- SOIL AND ROCK	Soil	Heavy Compaction (MDD)	IS 2720 Part 8
36	MECHANICAL- SOIL AND ROCK	Soil	Heavy Compcation (OMC)	IS 2720 Part 8
37	MECHANICAL- SOIL AND ROCK	Soil	Light Compaction (MDD)	IS 2720 Part 7

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38	MECHANICAL- SOIL AND ROCK	Soil	Light Compaction (OMC)	IS 2720 Part 7
39	MECHANICAL- SOIL AND ROCK	Soil	Liquid Limit	IS 2720 Part 5
40	MECHANICAL- SOIL AND ROCK	Soil	Moisture Content	IS 2720 Part 2
41	MECHANICAL- SOIL AND ROCK	Soil	Plastic Limit	IS 2720 Part 5

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Site Facility				
1	NON-DESTRUCTIVE-BUILDING MATERIALS - REINFORCED CONCRETE STRUCTURES	Reinforced Concrete Structures	Cover Meter	BS 1881 Part 204
2	NON-DESTRUCTIVE-BUILDING MATERIALS - REINFORCED CONCRETE STRUCTURES	Reinforced Concrete Structures	Half Cell Potential Difference	IS 516 (Part 5 / Sec 2)
3	NON-DESTRUCTIVE-BUILDING MATERIALS - REINFORCED CONCRETE STRUCTURES	Reinforced Concrete Structures	Rebound Hammer	IS 516 (Part 5 / Sec 4)
4	NON-DESTRUCTIVE-BUILDING MATERIALS - REINFORCED CONCRETE STRUCTURES	Reinforced Concrete Structures	Ultrasonic Pulse Velocity	IS 516 (Part 5/Sec 1)