National Accreditation Board for Testing and Calibration Laboratories

SCOPE OF ACCREDITATION

Laboratory Name : STANDARDTEC ENGINEERS INDIA PVT. LTD., PLOT NO 13, SY NO 673/1 & 674, SHANTHI NAGAR, UPPAL, HYDERABAD, MEDCHAL MALKAJGIRI, TELANGANA, INDIA

Accreditation Standard ISO/IEC 17025:2017

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Validity 16/06/2022 to 15/06/2024 **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- METALS & ALLOYS	Low Alloy Steel	Carbon	IS 8811
2	CHEMICAL- METALS & ALLOYS	Low Alloy Steel	Phosporous	IS 8811
3	CHEMICAL- METALS & ALLOYS	Low alloy steel	Sulphur	IS 8811
4	MECHANICAL- BUILDINGS MATERIALS	Bituminous Mixes (DBM / BC / SDBC / BM)	Binder Content	IRC SP 112 Annexure C-38
5	MECHANICAL- BUILDINGS MATERIALS	Brunt Clay Bricks / Flyash Bricks / Flyash Lime Bricks	Compressive Strength	IS 3495 (Part 1)
6	MECHANICAL- BUILDINGS MATERIALS	Brunt Clay Bricks / Flyash Bricks / Flyash Lime Bricks	Dimensions (Height)	IS 1077
7	MECHANICAL- BUILDINGS MATERIALS	Brunt Clay Bricks / Flyash Bricks / Flyash Lime Bricks	Dimensions (Length)	IS 1077
8	MECHANICAL- BUILDINGS MATERIALS	Brunt Clay Bricks / Flyash Bricks / Flyash Lime Bricks	Dimensions (Width)	IS 1077
9	MECHANICAL- BUILDINGS MATERIALS	Brunt Clay Bricks / Flyash Bricks / Flyash Lime Bricks	Water Absorption	IS 3495 (Part 2)
10	MECHANICAL- BUILDINGS MATERIALS	Coarse Aggregate	10% Fines Value	IS 2386 (Part 4)
11	MECHANICAL- BUILDINGS MATERIALS	Coarse Aggregate	Bulk Density (Loose)	IS 2386 (Part 3)
12	MECHANICAL- BUILDINGS MATERIALS	Coarse Aggregate	Crushing Value	IS 2386 (Part 4)
13	MECHANICAL- BUILDINGS MATERIALS	Coarse Aggregate	Elongation Index	IS 2386 (Part 1)
14	MECHANICAL- BUILDINGS MATERIALS	Coarse Aggregate	Flakiness index	IS 2386 (Part 1)
15	MECHANICAL- BUILDINGS MATERIALS	Coarse Aggregate	Impact Value	IS 2386 (Part 4)
16	MECHANICAL- BUILDINGS MATERIALS	Coarse Aggregate	Sieve Analysis (4.75mm to 80 mm)	IS 2386 (Part 1)
17	MECHANICAL- BUILDINGS MATERIALS	Coarse Aggregate	Soundness (By Mgso4)	IS 2386 Part 5
18	MECHANICAL- BUILDINGS MATERIALS	Coarse Aggregate	Soundness (by Na2SO4)	IS 2386 (Part 5)

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19	MECHANICAL- BUILDINGS MATERIALS	Coarse Aggregate	Specific Gravity	IS 2386 (Part 3)
20	MECHANICAL- BUILDINGS MATERIALS	Coarse Aggregate	Stripping Value	IS 6241
21	MECHANICAL- BUILDINGS MATERIALS	Coarse Aggregate	Water Absorption	IS 2386 (Part 3)
22	MECHANICAL- BUILDINGS MATERIALS	Coarse Aggregates	Bulk Density (Compacted)	IS 2386 Part 3
23	MECHANICAL- BUILDINGS MATERIALS	Concrete Paving Blocks	Compressive Strength	IS 15658
24	MECHANICAL- BUILDINGS MATERIALS	Concrete Paving Blocks	Water Absorption	IS 15658
25	MECHANICAL- BUILDINGS MATERIALS	Fine Aggregate	Bulk Density (Compacted)	IS 2386 Part 3
26	MECHANICAL- BUILDINGS MATERIALS	Fine Aggregate	Bulk Density (Loose)	IS 2386 (Part 3)
27	MECHANICAL- BUILDINGS MATERIALS	Fine Aggregate	Material Finer than 75 microns	IS 2386 (Part 1)
28	MECHANICAL- BUILDINGS MATERIALS	Fine Aggregate	Sieve Analysis(0.075mm to 4.75mm)	IS 2386 (Part 1)
29	MECHANICAL- BUILDINGS MATERIALS	Fine Aggregate	Soundness (By MgSO4)	IS 2386 (Part 5)
30	MECHANICAL- BUILDINGS MATERIALS	Fine Aggregate	Soundness (by Na2SO4)	IS 2386 (Part 5)
31	MECHANICAL- BUILDINGS MATERIALS	Fine Aggregate	Specific Gravity	IS 2386 (Part 3)
32	MECHANICAL- BUILDINGS MATERIALS	Fine Aggregate	Water Absorption	IS 2386 (Part 3)
33	MECHANICAL- BUILDINGS MATERIALS	Hardened Concrete (Core)	Compressive Strength	IS 516 Part 4
34	MECHANICAL- BUILDINGS MATERIALS	Hardened Concrete (Cube)	Accelerated Cured Compressieve Strength	IS 9013
35	MECHANICAL- BUILDINGS MATERIALS	Hardened Concrete (Cube)	Compressieve Strength	IS 516 Part 1 Section 1
36	MECHANICAL- BUILDINGS MATERIALS	Hollow & Solid concrete Block	Compressive Strength	IS 2185 (Part 1)
37	MECHANICAL- BUILDINGS MATERIALS	Reinforcement	Bend Test	IS 1599

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38	MECHANICAL- BUILDINGS MATERIALS	Reinforcement	Elongation	IS 1608 Part 1
39	MECHANICAL- BUILDINGS MATERIALS	Reinforcement	Ultimate Tensile Strength	IS 1608 Part 1
40	MECHANICAL- BUILDINGS MATERIALS	Reinforcement Steel	Mass Per Meter	IS 1786
41	MECHANICAL- BUILDINGS MATERIALS	Reinforcement Steel	Re-Bend Test	IS 1786
42	MECHANICAL- BUILDINGS MATERIALS	Reinforcement Steel	Yield Stress	IS 1608 Part 1
43	MECHANICAL- BUILDINGS MATERIALS	Solid concrete Block	Water Absorption	IS 2185 (Part 1)
44	MECHANICAL- SOIL AND ROCK	Rock	Unconfined Compressive Strength	IS 9143
45	MECHANICAL- SOIL AND ROCK	Rock	Water Content	IS 13030
46	MECHANICAL- SOIL AND ROCK	Soil	Direct Shear - Angle of Shearing Resistance	IS 2720 (Part 13)
47	MECHANICAL- SOIL AND ROCK	Soil	Direct Shear - Cohesion	IS 2720 (Part 13)
48	MECHANICAL- SOIL AND ROCK	Soil	Free Swell Index	IS 2720 (Part 40)
49	MECHANICAL- SOIL AND ROCK	Soil	Grain Size Analysis (0.075 mm to 80mm)	IS 2720 (Part 4)
50	MECHANICAL- SOIL AND ROCK	Soil	Liquid Limit by Casagrade Apparatus	IS 2720 (Part 5)
51	MECHANICAL- SOIL AND ROCK	Soil	Plastic Limit	IS 2720 (Part 5)
52	MECHANICAL- SOIL AND ROCK	Soil	Specific Gravity	IS 2720 (Part 3 / Sec 1)
53	MECHANICAL- SOIL AND ROCK	Soil	Water Content	IS 2720 (Part 2)
54	MECHANICAL- SOIL AND ROCK	Soil / Granular Sub Base / Wet Mix Macadam	Heavy Compaction - Maximum Dry Density	IS 2720 (Part 8)
55	MECHANICAL- SOIL AND ROCK	Soil / Granular Sub Base / Wet Mix Macadam	Heavy Compaction - Optimum Moisture Content	IS 2720 (Part 8)
56	MECHANICAL- SOIL AND ROCK	Soil / Granular Sub Base / Wet Mix Macadam	Light Compaction - Maximum Dry Density	IS 2720 (Part 7)

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57	MECHANICAL- SOIL AND ROCK	Soil / Granular Sub Base / Wet Mix Macadam	Light Compaction - Optimum Moisture Content	IS 2720 (Part 7)
58	MECHANICAL- SOIL AND ROCK	Soil/GSB/WMM	California bearing ratio	IS 2720 Part 16
59	NON-DESTRUCTIVE-BUILDING MATERIALS - REINFORCED CONCRETE STRUCTURES	Reinforced Concrete Structure	Carbonation	IS 516 Part 5 Section 3
60	NON-DESTRUCTIVE-BUILDING MATERIALS - REINFORCED CONCRETE STRUCTURES	Reinforced Concrete Structure	Cover Meter	BS 1881 (Part 204)
61	NON-DESTRUCTIVE-BUILDING MATERIALS - REINFORCED CONCRETE STRUCTURES	Reinforced Concrete Structure	Half-Cell Potential Difference Test	IS 516 Part 5 Sec 2
62	NON-DESTRUCTIVE-BUILDING MATERIALS - REINFORCED CONCRETE STRUCTURES	Reinforced Concrete Structure	Rebound Hammer Test	IS 516 Part 5 Section 4
63	NON-DESTRUCTIVE-BUILDING MATERIALS - REINFORCED CONCRETE STRUCTURES	Reinforced Concrete Structures	Ultrasonic Pulse Velocity Test	IS 516 Part 5 Section 1

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