



# National Accreditation Board for Testing and Calibration Laboratories

(A Constituent Board of Quality Council of India)



## SCOPE OF ACCREDITATION

Laboratory Name STANDARDTEC ENGINEERS INDIA PVT. LTD., H. NO. 2-20-97/12, KAVERI NAGAR COLONY, CHILKANAGAR ROAD, UPPAL, HYDERABAD, TELANGANA, INDIA

Accreditation Standard ISO/IEC 17025:2005

Certificate Number TC-6475 Page No. : 1 / 5

Validity 03/11/2017 to 02/11/2019 Last Amended on 25/02/2019

S.No	Discipline / Group	Product / Material of Test	Specific Test Performed	Test Method Specification against which tests are performed
<b>Permanent Facility</b>				
1	MECHANICAL-BUILDINGS MATERIALS	Burnt Clay Bricks / Flyash Bricks / Flyash Lime Bricks	Compressive Strength	3495 (Part 1): 1992
2	MECHANICAL-BUILDINGS MATERIALS	Burnt Clay Bricks / Flyash Bricks / Flyash Lime Bricks	Dimensions (Height)	1077: 1992
3	MECHANICAL-BUILDINGS MATERIALS	Burnt Clay Bricks / Flyash Bricks / Flyash Lime Bricks	Dimensions (Length)	1077: 1992
4	MECHANICAL-BUILDINGS MATERIALS	Burnt Clay Bricks / Flyash Bricks / Flyash Lime Bricks	Dimensions (Width)	1077: 1992
5	MECHANICAL-BUILDINGS MATERIALS	Burnt Clay Bricks / Flyash Bricks / Flyash Lime Bricks	Water Absorption	3495 (Part 2): 1992
6	MECHANICAL-BUILDINGS MATERIALS	Coarse Aggregate	10% Fines Value	2386 (Part 3): 1963
7	MECHANICAL-BUILDINGS MATERIALS	Coarse Aggregate	Bulk Density	2386 (Part 3): 1963
8	MECHANICAL-BUILDINGS MATERIALS	Coarse Aggregate	Crushing Value	2386 (Part 4): 1963
9	MECHANICAL-BUILDINGS MATERIALS	Coarse Aggregate	Elongation Index	2386 (Part 1): 1963



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10	MECHANICAL-BUILDINGS MATERIALS	Coarse Aggregate	Flakiness Index	2386 (Part 1): 1963
11	MECHANICAL-BUILDINGS MATERIALS	Coarse Aggregate	Impact Value	2386 (Part 4): 1963
12	MECHANICAL-BUILDINGS MATERIALS	Coarse Aggregate	Sieve Analysis	2386 (Part 1): 1963
13	MECHANICAL-BUILDINGS MATERIALS	Coarse Aggregate	Soundness	2386 (Part 5): 1963
14	MECHANICAL-BUILDINGS MATERIALS	Coarse Aggregate	Specific Gravity	2386 (Part 3): 1963
15	MECHANICAL-BUILDINGS MATERIALS	Coarse Aggregate	Stripping Value	6241 : 1971
16	MECHANICAL-BUILDINGS MATERIALS	Coarse Aggregate	Water Absorption	2386 (Part 3): 1963
17	MECHANICAL-BUILDINGS MATERIALS	Concrete Paving Blocks	Compressive Strength	15658: 2006
18	MECHANICAL-BUILDINGS MATERIALS	Concrete Paving Blocks	Water Absorption	15658: 2006
19	MECHANICAL-BUILDINGS MATERIALS	Fine Aggregate	% Finer than 75 micron	2386 (Part 1): 1963



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20	MECHANICAL-BUILDINGS MATERIALS	Fine Aggregate	Bulk Density	2386 (Part 3): 1963
21	MECHANICAL-BUILDINGS MATERIALS	Fine Aggregate	Sieve Analysis	2386 (Part 1): 1963
22	MECHANICAL-BUILDINGS MATERIALS	Fine Aggregate	Soundness	2386 (Part 5): 1963
23	MECHANICAL-BUILDINGS MATERIALS	Fine Aggregate	Specific Gravity	2386 (Part 3): 1963
24	MECHANICAL-BUILDINGS MATERIALS	Fine Aggregate	Water Absorption	2386 (Part 3): 1963
25	MECHANICAL-BUILDINGS MATERIALS	Hardened Concrete (Cube & Core)	Compressive Strength	516: 1959
26	MECHANICAL-BUILDINGS MATERIALS	Hardened Concrete (Cube)	Accelerated Cured Compressive Strength	9013: 1978
27	MECHANICAL-BUILDINGS MATERIALS	Hollow & Solid Concrete Block	Compressive Strength	2185 (Part 1): 2005
28	MECHANICAL-BUILDINGS MATERIALS	Hollow & Solid Concrete Block	Water Absorption	2185 (Part 1): 2005
29	MECHANICAL- SOIL AND ROCK	Bituminous Mixes(DBM / BC / SDBC / BM)	Binder Content	ASTM D2172: 2011



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S.No	Discipline / Group	Product / Material of Test	Specific Test Performed	Test Method Specification against which tests are performed
30	MECHANICAL- SOIL AND ROCK	Rock	Density	13030: 1991
31	MECHANICAL- SOIL AND ROCK	Rock	Unconfined Compressive Strength	9143: 1979
32	MECHANICAL- SOIL AND ROCK	Rock	Water Absorption	13030: 1991
33	MECHANICAL- SOIL AND ROCK	Soil / Granular Sub Base / Wet Mix Macadam	Free Swell Index	2720 (Part 40): 1977
34	MECHANICAL- SOIL AND ROCK	Soil / Granular Sub Base / Wet Mix Macadam	Grain Size Analysis	2720 (Part 4): 1985
35	MECHANICAL- SOIL AND ROCK	Soil / Granular Sub Base / Wet Mix Macadam	Heavy Compaction	2720 (Part 8): 1983
36	MECHANICAL- SOIL AND ROCK	Soil / Granular Sub Base / Wet Mix Macadam	Heavy Compaction (OMC)	2720 (Part 8): 1983
37	MECHANICAL- SOIL AND ROCK	Soil / Granular Sub Base / Wet Mix Macadam	Light Compaction (MDD)	2720 (Part 7): 1980
38	MECHANICAL- SOIL AND ROCK	Soil / Granular Sub Base / Wet Mix Macadam	Light Compaction (OMC)	2720 (Part 7): 1980
39	MECHANICAL- SOIL AND ROCK	Soil / Granular Sub Base / Wet Mix Macadam	Liquid Limit	2720 (Part 5): 1985
40	MECHANICAL- SOIL AND ROCK	Soil / Granular Sub Base / Wet Mix Macadam	Moisture Content	2720 (Part 2): 1973
41	MECHANICAL- SOIL AND ROCK	Soil / Granular Sub Base / Wet Mix Macadam	Plastic Limit	2720 (Part 5): 1985



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S.No	Discipline / Group	Product / Material of Test	Specific Test Performed	Test Method Specification against which tests are performed
<b>Site Facility</b>				
1	NON-DESTRUCTIVE-BUILDING MATERIALS - REINFORCED CONCRETE STRUCTURES	Reinforced Concrete Structure	Carbonation Test	BS EN 14630: 2007
2	NON-DESTRUCTIVE-BUILDING MATERIALS - REINFORCED CONCRETE STRUCTURES	Reinforced Concrete Structure	Cover Meter Test	BS 1881 (Part 204): 1986
3	NON-DESTRUCTIVE-BUILDING MATERIALS - REINFORCED CONCRETE STRUCTURES	Reinforced Concrete Structure	Half Cell Potential Test	ASTM C876-15: 2015
4	NON-DESTRUCTIVE-BUILDING MATERIALS - REINFORCED CONCRETE STRUCTURES	Reinforced Concrete Structures	Rebound Hammer	13311 (Part 2): 1992
5	NON-DESTRUCTIVE-BUILDING MATERIALS - REINFORCED CONCRETE STRUCTURES	Reinforced Concrete Structures	Ultrasonic Pulse Velocity Test	13311 (Part 1): 1992