National Accreditation Board for Testing and Calibration Laboratories

SCOPE OF ACCREDITATION

Laboratory Name : SOILTECH (INDIA) PVT. LTD., 119/39 RAMTEKDI INDUSTRIAL ESTATE, PUNE, MAHARASHTRA, INDIA

Accreditation Standard ISO/IEC 17025:2017

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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- SOIL AND ROCK	Soil	Acid soluble Chloride	BS 1377-3
2	CHEMICAL- SOIL AND ROCK	Soil	Organic Matter	IS:2720 (part 22)
3	CHEMICAL- SOIL AND ROCK	Soil	pH value	IS 2720 (Part 26)
4	CHEMICAL- SOIL AND ROCK	Soil	Total Soluble Sulphate	IS 2720 (Part 27)
5	CHEMICAL- WATER	Water	Chloride Content	IS 3025 (Part 32)
6	CHEMICAL- WATER	Water	Organic Content	IS 3025 (Part 18)
7	CHEMICAL- WATER	Water	pH Value	IS 3025 (Part 11)
8	CHEMICAL- WATER	Water	Sulphate content	IS 3025 (Part 24)
9	MECHANICAL- BUILDINGS MATERIALS	Bricks	Compressive Strength	IS 3495: (Part 1)
10	MECHANICAL- BUILDINGS MATERIALS	Bricks	Dimensional Analysis Length	IS 1077 RA 2016 Amd.1:2008
11	MECHANICAL- BUILDINGS MATERIALS	Bricks	Dimensional Analysis Thickness	IS 1077 RA 2016 Amd.1:2008
12	MECHANICAL- BUILDINGS MATERIALS	Bricks	Dimensional Analysis Width	IS 1077 RA 2016 Amd.1:2008
13	MECHANICAL- BUILDINGS MATERIALS	Bricks	Efflorescence	IS 3495 (Part 3)
14	MECHANICAL- BUILDINGS MATERIALS	Bricks	Water Absorption	IS 3495: (Part 2)
15	MECHANICAL- BUILDINGS MATERIALS	Cement	Consistency	IS 4031: (Part 4) RA 2019
16	MECHANICAL- BUILDINGS MATERIALS	Cement	Fineness by Dry Sieving	IS 4031: (Part 1) RA 2019
17	MECHANICAL- BUILDINGS MATERIALS	Cement	Soundness by Le-Chatelier's Apparatus	IS 4031: (Part 3) :1988 RA
18	MECHANICAL- BUILDINGS MATERIALS	Coarse Aggregate	Abrasion Value	IS 2386: (Part 4)
19	MECHANICAL- BUILDINGS MATERIALS	Coarse Aggregate	Bulk Density	IS 2386: (Part 3)
20	MECHANICAL- BUILDINGS MATERIALS	Coarse Aggregate	Crushing Value	IS 2386: (Part 4)

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21	MECHANICAL- BUILDINGS MATERIALS	Coarse Aggregate	Elongation Index	IS 2386: (Part 1)
22	MECHANICAL- BUILDINGS MATERIALS	Coarse Aggregate	Flakiness Index	IS 2386: (Part 1)
23	MECHANICAL- BUILDINGS MATERIALS	Coarse Aggregate	Impact Value	IS 2386: (Part 4)
24	MECHANICAL- BUILDINGS MATERIALS	Coarse Aggregate	Sieve Analysis (4.75MM TO 63 MM)	IS 2386: (Part 1):1963 RA
25	MECHANICAL- BUILDINGS MATERIALS	Coarse Aggregate	Specific Gravity	IS 2386: (Part 3)
26	MECHANICAL- BUILDINGS MATERIALS	Coarse Aggregate	Water Absorption	IS 2386: (Part 3)
27	MECHANICAL- BUILDINGS MATERIALS	Concrete	Compressive Strength	IS 516 RA 2018
28	MECHANICAL- BUILDINGS MATERIALS	Concrete	Compressive strength of concrete core-Load RAnge (0 to 2000KN)	IS:516
29	MECHANICAL- BUILDINGS MATERIALS	Concrete	Flexural Strength	IS 516 RA 2019
30	MECHANICAL- BUILDINGS MATERIALS	Fine Aggregate	Bulk density	IS 2386: (Part 3)
31	MECHANICAL- BUILDINGS MATERIALS	Fine Aggregate	Material Finer than 75 micron	IS 2386: (Part 2) RA 2016
32	MECHANICAL- BUILDINGS MATERIALS	Fine Aggregate	Sieve Analysis	IS 2386: (Part 1) RA 2016
33	MECHANICAL- BUILDINGS MATERIALS	Fine Aggregate	Specific Gravity	IS 2386: (Part 3): 1963 RA
34	MECHANICAL- BUILDINGS MATERIALS	Fine Aggregate	Water Absorption	IS 2386: (Part 3):1963 RA
35	MECHANICAL- BUILDINGS MATERIALS	Fly Ash	Consistency	IS 1727 RA 2018
36	MECHANICAL- BUILDINGS MATERIALS	Fly Ash	Fineness by wet Sieving	IS 1727 RA 2018
37	MECHANICAL- BUILDINGS MATERIALS	Fly Ash	Soundness by Le-Chatelier's	IS 1727 RA 2018
38	MECHANICAL- BUILDINGS MATERIALS	Paver Block	Compressive Strength	IS 15658

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39	MECHANICAL- BUILDINGS MATERIALS	Paver Block	Dimensional Analysis Length	IS 15658
40	MECHANICAL- BUILDINGS MATERIALS	Paver Block	Dimensional Analysis Thickness	IS 15658
41	MECHANICAL- BUILDINGS MATERIALS	Paver Block	Dimensional Analysis Width	IS 15658
42	MECHANICAL- BUILDINGS MATERIALS	Paver Block	Flexural Strength / Breaking Load	IS 15658
43	MECHANICAL- BUILDINGS MATERIALS	Paver Block	Water Absorption	IS 15658
44	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Reinforcement Steel/Structural Steel	0.2% Poof Stress	`Withdrwan`IS 1608:2005 RA
45	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Reinforcement Steel/Structural Steel	Bend	IS 1599
46	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Reinforcement Steel/Structural Steel	Percent Elongation	`Withdrawn` IS 1608:2005 RA
47	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Reinforcement Steel/Structural Steel	Re-Bend	IS 1786:2008 RA
48	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Reinforcement Steel/Structural Steel	Ultimate Tensile Strength	`Withdrawn` IS 1608:2005 RA
49	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Reinforcement Steel/Structural Steel	Weight Per Meter	IS 1786:2008 RA
50	MECHANICAL- SOIL AND ROCK	Natural Stone	True Specific Gravity	IS 1122 RA 2017
51	MECHANICAL- SOIL AND ROCK	Rock	Cerchar Abrsivity Index	`Withdrawn`ASTMD7625-10
52	MECHANICAL- SOIL AND ROCK	Rock	Hardness of Rock	IS 12608 RA 2015
53	MECHANICAL- SOIL AND ROCK	Rock	Modulus of Elasticity and Poissons Ratio	IS 9221 RA 2016
54	MECHANICAL- SOIL AND ROCK	Rock	Point Load Index	IS 8764 RA 2019
55	MECHANICAL- SOIL AND ROCK	Rock	Porosity	IS 13030

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56	MECHANICAL- SOIL AND ROCK	Rock	Rock Direct Shear	IS 12634
57	MECHANICAL- SOIL AND ROCK	Rock	Rock Tri-Axial	IS 13047 RA 2021
58	MECHANICAL- SOIL AND ROCK	Rock	Tensile Strength	IS 10082 RA-2021
59	MECHANICAL- SOIL AND ROCK	Rock	Unconfined Compressive Strength	IS 9143
60	MECHANICAL- SOIL AND ROCK	Rock	Water Absorption / Content	IS 13030
61	MECHANICAL- SOIL AND ROCK	Soil	CBR	IS 2720: (Part 16)
62	MECHANICAL- SOIL AND ROCK	Soil	Consolidation	IS 2720: (Part 15) RA 2016
63	MECHANICAL- SOIL AND ROCK	Soil	Free Swell Index	IS 2720: (Part 40) RA 2016
64	MECHANICAL- SOIL AND ROCK	Soil	Grain Size Analysis	IS 2720 (Part 4) RA 2015
65	MECHANICAL- SOIL AND ROCK	Soil	Liquid Limit	IS 2720 (Part 5)
66	MECHANICAL- SOIL AND ROCK	Soil	Modified Proctor Compaction	IS 2720: (Part 8) RA 2015
67	MECHANICAL- SOIL AND ROCK	Soil	Moisture Content	IS 2720 (Part 2) RA 2015
68	MECHANICAL- SOIL AND ROCK	Soil	Plastic Limit	IS 2720 (Part 5) RA 2015
69	MECHANICAL- SOIL AND ROCK	Soil	Shrinkage Limit	IS 2720: (Part 6)
70	MECHANICAL- SOIL AND ROCK	Soil	Soil Direct Shear	IS 2720 Part 13
71	MECHANICAL- SOIL AND ROCK	Soil	Specific gravity	IS 2720 (Part 3/Sec 2)RA 2016
72	MECHANICAL- SOIL AND ROCK	Soil	Standard Proctor Compaction	IS 2720: (Part 7) RA 2016
73	MECHANICAL- SOIL AND ROCK	Soil	Swelling Pressure	IS 2720: (Part 40) RA 2016
74	MECHANICAL- SOIL AND ROCK	SOIL	Tri Axial - UCS	IS 2720(Part 10) RA 2015

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75	MECHANICAL- SOIL AND ROCK	Soil	Tri Axial Shear Test - CU	IS 2720 (Part 12) RA 2016
76	MECHANICAL- SOIL AND ROCK	Soil	Tri Axial UU	IS 2720: (Part 11) RA 2016

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Site Facility				
1	MECHANICAL- SOIL AND ROCK	Other	Anchor Pull Out Test	IS: 11309 RA 2016
2	MECHANICAL- SOIL AND ROCK	Pile	Cyclic Vertical Pile Load test	IS 2911 Part 4 RA 2018
3	MECHANICAL- SOIL AND ROCK	Pile	Dynamic Pile Load test	ASTM D4945
4	MECHANICAL- SOIL AND ROCK	Pile	Lateral Pile Load test	IS 2911 Part 4 RA 2018
5	MECHANICAL- SOIL AND ROCK	Pile	Pile Pull Out test	IS 2911 Part 4 RA 2018
6	MECHANICAL- SOIL AND ROCK	Pile	Static Pile Load test	IS 2911 Part 4 RA 2018
7	MECHANICAL- SOIL AND ROCK	Rock	Rock mass deformability using flexible dilatometer with radial displacement method	IS 12955 part 2 RA 2021
8	MECHANICAL- SOIL AND ROCK	Soil	Cyclic Plate load test	IS 1888 RA 2016
9	MECHANICAL- SOIL AND ROCK	Soil	Electrical resistivity test	IS 3043
10	MECHANICAL- SOIL AND ROCK	soil	Plate load test	IS 1888 RA 2016
11	NON-DESTRUCTIVE-BUILDING MATERIALS - REINFORCED CONCRETE STRUCTURES	Concrete	Rebound hammer for concrete	IS 13311 (Part 2)
12	NON-DESTRUCTIVE-BUILDING MATERIALS - REINFORCED CONCRETE STRUCTURES	Concrete	Ultra sonic pulse velocity test	`Withdrawn` IS 13311 (Part 1)
13	NON-DESTRUCTIVE-BUILDING MATERIALS - REINFORCED CONCRETE STRUCTURES	Pile	Pile Integrity test	IS 14893
14	NON-DESTRUCTIVE-BUILDING MATERIALS - REINFORCED CONCRETE STRUCTURES	Pile	Ultrasonic Crosshole	ASTM D6760