National Accreditation Board for Testing and Calibration Laboratories

SCOPE OF ACCREDITATION

Laboratory Name : SOILTECH CONSULTANTS INDIA PRIVATE LIMITED, KAUSAR VILLA, KHAN MIRZA LANE, P.S. SULTANGANJ, P. O. MAHENDRU, PATNA, BIHAR, INDIA

Accreditation Standard ISO/IEC 17025:2017

Certificate Number TC-9200 **Page No** 1 of 2

Validity 06/01/2021 to 05/01/2023 **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	MECHANICAL- BUILDINGS MATERIALS	Bricks (Clay or Fly Ash)	Compressive Strength	IS 3495 (Part-1)
2	MECHANICAL- BUILDINGS MATERIALS	Bricks (Clay or Fly Ash)	Dimension (Height)	IS 1077, IS 12894
3	MECHANICAL- BUILDINGS MATERIALS	Bricks (Clay or Fly Ash)	Dimension (Length)	IS 1077, IS 12894
4	MECHANICAL- BUILDINGS MATERIALS	Bricks (Clay or Fly Ash)	Dimension (Width)	IS 1077, IS 12894
5	MECHANICAL- BUILDINGS MATERIALS	Bricks (Clay or Fly Ash)	Efflorescence	IS 3495 (Part-3)
6	MECHANICAL- BUILDINGS MATERIALS	Bricks (Clay or Fly Ash)	Water Absorption	IS 3495 (Part-2)
7	MECHANICAL- BUILDINGS MATERIALS	Coarse Aggregate	Bulk Density	IS 2386 (Part-3)
8	MECHANICAL- BUILDINGS MATERIALS	Coarse Aggregate	Crushing Value	IS 2386 (Part-4)
9	MECHANICAL- BUILDINGS MATERIALS	Coarse Aggregate	Elongation Index	IS 2386 (Part-1)
10	MECHANICAL- BUILDINGS MATERIALS	Coarse Aggregate	Flakiness Index	IS 2386 (Part-1)
11	MECHANICAL- BUILDINGS MATERIALS	Coarse Aggregate	Impact Value	IS 2386 (Part-4)
12	MECHANICAL- BUILDINGS MATERIALS	Coarse Aggregate	Sieve Analysis (Sieve Sizes - 63mm, 40mm, 31.5mm, 25mm, 20mm, 16mm, 12.5mm, 10mm, 8mm, 6.3mm, 4.75mm)	IS 2386 (Part-1)
13	MECHANICAL- BUILDINGS MATERIALS	Coarse Aggregate	Specific Gravity	IS 2386 (Part-3)
14	MECHANICAL- BUILDINGS MATERIALS	Coarse Aggregate	Water Absorption	IS 2386 (Part-3)
15	MECHANICAL- BUILDINGS MATERIALS	Fine Aggregate	Bulk Density	IS 2386 (Part-3)
16	MECHANICAL- BUILDINGS MATERIALS	Fine Aggregate	Organic Impurities	IS 2386 (Part-2)

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17	MECHANICAL- BUILDINGS MATERIALS	Fine Aggregate	Sieve Analysis (Sieve Sizes - 10mm, 4.75mm, 2.36mm, 1.18mm, 600 micron, 300 micron, 150 micron, 75 micron)	IS 2386 (Part-1)
18	MECHANICAL- BUILDINGS MATERIALS	Fine Aggregate	Specific Gravity	IS 2386 (Part-3)
19	MECHANICAL- BUILDINGS MATERIALS	Fine Aggregate	Water Absorption	IS 2386 (Part-3)
20	MECHANICAL- BUILDINGS MATERIALS	Hardened Concrete Cube	Compressive Strength	IS 516
21	MECHANICAL- BUILDINGS MATERIALS	Precast Concrete Block for Paving (Paver Block/Interlocking Tiles)	Compressive Strength	IS 15658
22	MECHANICAL- BUILDINGS MATERIALS	Precast Concrete Block for Paving (Paver Block/Interlocking Tiles)	Water Absorption	IS 15658
23	MECHANICAL- SOIL AND ROCK	Soil	California Bearing Ratio (CBR Value)	IS 2720 (Part-16)
24	MECHANICAL- SOIL AND ROCK	Soil	Direct Shear Test (Angle of Internal Friction, Phi Value)	IS 2720 (Part-13)
25	MECHANICAL- SOIL AND ROCK	Soil	Direct Shear Test (Cohesion Intercept, C Value)	IS 2720 (Part-13)
26	MECHANICAL- SOIL AND ROCK	Soil	Free Swell Index	IS 2720 (Part-40)
27	MECHANICAL- SOIL AND ROCK	Soil	Grain Size Analysis (Sieve Size - 19mm, 4.75mm, 2.0mm, 425 micron, 75 micron)	IS 2720 (Part-4)
28	MECHANICAL- SOIL AND ROCK	Soil	Heavy Compaction (Maximum Dry Density)	IS 2720 (Part-8)
29	MECHANICAL- SOIL AND ROCK	Soil	Heavy Compaction (Optimum Moisture Content)	IS 2720 (Part-8)
30	MECHANICAL- SOIL AND ROCK	Soil	Liquid Limit	IS 2720 (Part-5)
31	MECHANICAL- SOIL AND ROCK	Soil	Moisture Content	IS 2720 (Part-2)
32	MECHANICAL- SOIL AND ROCK	Soil	Plastic Limit	IS 2720 (Part-5)
33	MECHANICAL- SOIL AND ROCK	Soil	Specific Gravity	IS 2720 (Part-3, Sec-1)