National Accreditation Board for Testing and Calibration Laboratories

SCOPE OF ACCREDITATION

Laboratory Name : S & R MULTITECH ENGINEERS, PLOT NO 02, GROUND FLOOR, HARI NAGAR, PIPLI ROAD, KURUKSHETRA, HARYANA, INDIA

Accreditation Standard ISO/IEC 17025:2017

Certificate Number TC-9685 **Page No** 1 of 3

Validity 19/07/2021 to 18/07/2023 **Last Amended on** 31/01/2023

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	Cement	Compressive Strength	IS 4031 (Part 6)
2	MECHANICAL- BUILDINGS MATERIALS	Cement	Consistency of Cement	IS 4031 (Part 4)
3	MECHANICAL- BUILDINGS MATERIALS	Cement	Final Setting Time	IS 4031 (Part 5)
4	MECHANICAL- BUILDINGS MATERIALS	Cement	Initial Setting Time	IS 4031 (Part 5)
5	MECHANICAL- BUILDINGS MATERIALS	Cement	Soundness By Le-Chatelier	IS 4031 (Part 3)
6	MECHANICAL- BUILDINGS MATERIALS	Clay Brick	Compressive Strength	IS:3495 (P-1)
7	MECHANICAL- BUILDINGS MATERIALS	Clay Brick	Dimension (Height)	IS 1077
8	MECHANICAL- BUILDINGS MATERIALS	Clay Brick	Dimension (Length)	IS 1077
9	MECHANICAL- BUILDINGS MATERIALS	Clay Brick	Dimension (Width)	IS 1077
10	MECHANICAL- BUILDINGS MATERIALS	Clay Brick	Efflorescence	IS:3495 (P-3)
11	MECHANICAL- BUILDINGS MATERIALS	Clay Brick	Water Absorption	IS:3495 (P-2)
12	MECHANICAL- BUILDINGS MATERIALS	Coarse Aggreagate	Water Absorption	IS 2386 (Part 3)
13	MECHANICAL- BUILDINGS MATERIALS	Coarse Aggregate	Bulk Density	IS 2386 (Part 3)
14	MECHANICAL- BUILDINGS MATERIALS	Coarse Aggregate	Elongation Index	IS 2386 (Part 1)
15	MECHANICAL- BUILDINGS MATERIALS	Coarse Aggregate	Flakiness Index	IS 2386 (Part 1)
16	MECHANICAL- BUILDINGS MATERIALS	Coarse Aggregate	Impact Value	IS 2386 (Part 4)
17	MECHANICAL- BUILDINGS MATERIALS	Coarse Aggregate	Sieve Analysis	IS 2386 (Part 1)
18	MECHANICAL- BUILDINGS MATERIALS	Coarse Aggregate	Soundness by Magnesium Sulphate	IS 2386 (Part 5)

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19	MECHANICAL- BUILDINGS MATERIALS	Coarse Aggregate	Soundness By Sodium Sulphate	IS 2386 (Part 5)
20	MECHANICAL- BUILDINGS MATERIALS	Coarse Aggregate	Specific Gravity	IS 2386 (Part 3)
21	MECHANICAL- BUILDINGS MATERIALS	Concrete	Compressive Strength	IS 516
22	MECHANICAL- BUILDINGS MATERIALS	Concrete Beam	Flexural Strength	IS 516
23	MECHANICAL- BUILDINGS MATERIALS	Fine Aggregate	Soundness by Magnesium Sulphate	IS 2386 (Part 5)
24	MECHANICAL- BUILDINGS MATERIALS	Fine Aggregate	Sieve Analysis	IS 2386 (Part 1)
25	MECHANICAL- BUILDINGS MATERIALS	Fine Aggregate	Specific Gravity	IS 2386 (Part 3)
26	MECHANICAL- BUILDINGS MATERIALS	Fine Aggregate	Water Absorption	IS 2386 (Part 3)
27	MECHANICAL- BUILDINGS MATERIALS	Fine Aggregates	Bulk Density	IS 2386 (P 3)
28	MECHANICAL- BUILDINGS MATERIALS	Fine Aggregates	Soundness by Sodium Sulphate	IS 2386 (Part 5)
29	MECHANICAL- BUILDINGS MATERIALS	Paver Block	Compressive Strength	IS 15658
30	MECHANICAL- SOIL AND ROCK	Soil	California Bearing Ratio	IS 2720 (Part 16)
31	MECHANICAL- SOIL AND ROCK	Soil	Consolidation Test	IS 2720 (Part 15)
32	MECHANICAL- SOIL AND ROCK	Soil	Direct Shear Test (Angle of Friction)	IS 2720 (Part 13)
33	MECHANICAL- SOIL AND ROCK	Soil	Direct Shear Test (Cohesion)	IS 2720 (Part 13)
34	MECHANICAL- SOIL AND ROCK	Soil	Free Swell Index	IS 2720 (Part 40)
35	MECHANICAL- SOIL AND ROCK	Soil	Grain Size Analysis (Coarse Grain Soil)	IS 2720 (Part 4)
36	MECHANICAL- SOIL AND ROCK	Soil	Grain Size Analysis (Fine Grained Soil)	IS 2720 (Part 4)
37	MECHANICAL- SOIL AND ROCK	Soil	Liquid Limit	IS 2720 (Part 5)

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38	MECHANICAL- SOIL AND ROCK	Soil	Moisture Content	IS 2720 (Part 2)
39	MECHANICAL- SOIL AND ROCK	Soil	Plastic Limit	IS 2720 (Part 5)
40	MECHANICAL- SOIL AND ROCK	Soil	Unconsolidated & Undrained Triaxial Shear Strength Test(Angle of Friction)	IS 2720 (Part - 11)
41	MECHANICAL- SOIL AND ROCK	Soil	Unconsolidated & Undrained Triaxial Shear Strength Test(Cohesion)	IS 2720 (Part 11)