National Accreditation Board for Testing and Calibration Laboratories

SCOPE OF ACCREDITATION

Laboratory Name : SRSBM LAB TESTING PRIVATE LIMITED, GALA NO-02, GRND FLOOR, RETI BUNDAR, MIRA ROAD (EAST), MIRA BHAYANDAR, MAHARASHTRA, INDIA

Accreditation Standard ISO/IEC 17025:2017

Certificate Number TC-8661 **Page No** 1 of 8

Validity 19/09/2022 to 18/09/2024 **Last Amended on** 20/10/2022

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- BUILDING MATERIAL	Aggregate	Alkali Aggregate Reactivity - Reduction in Alkalinity (RC)	IS 2386 (Part-7)
2	CHEMICAL- BUILDING MATERIAL	Aggregate	Alkali Aggregate Reactivity - Silica Released (SC)	IS 2386 (Part-7)
3	CHEMICAL- BUILDING MATERIAL	Aggregate	Chloride	BS EN 1744 (Part-1)
4	CHEMICAL- BUILDING MATERIAL	Aggregate	Sulphate	BS EN 1744 (Part-1)
5	CHEMICAL- BUILDING MATERIAL	Concrete	Chloride	BS 1881 Part 124
6	CHEMICAL- BUILDING MATERIAL	Concrete	pH	IS 2720 (Part-26)
7	CHEMICAL- BUILDING MATERIAL	Concrete	Sulphate	BS 1881 Part 124
8	CHEMICAL- BUILDING MATERIAL	Construction Admixture	Ash content	IS 9103
9	CHEMICAL- BUILDING MATERIAL	Construction Admixture	Dry Material content	IS 9103
10	CHEMICAL- BUILDING MATERIAL	Construction Admixture	pH	IS 9103
11	CHEMICAL- BUILDING MATERIAL	Construction Admixture	Relative density	IS 9103
12	CHEMICAL- BUILDING MATERIAL	Construction Admixture	Soluble Chloride Content	IS 6925
13	CHEMICAL- BUILDING MATERIAL	Hydraulic Cement- OPC / PPC / PSC , GGBS	Alumina Content (Al2O3)	IS 4032
14	CHEMICAL- BUILDING MATERIAL	Hydraulic Cement- OPC / PPC / PSC , GGBS	Calcium Oxide (CaO)	IS 4032
15	CHEMICAL- BUILDING MATERIAL	Hydraulic Cement- OPC / PPC / PSC , GGBS	Chloride Content	IS 4032
16	CHEMICAL- BUILDING MATERIAL	Hydraulic Cement- OPC / PPC / PSC , GGBS	Ferric Oxide (Fe2O3)	IS 4032
17	CHEMICAL- BUILDING MATERIAL	Hydraulic Cement- OPC / PPC / PSC , GGBS	Insoluble Residue	IS 4032
18	CHEMICAL- BUILDING MATERIAL	Hydraulic Cement- OPC / PPC / PSC , GGBS	Loss On Ignition (LOI)	IS 4032

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19	CHEMICAL- BUILDING MATERIAL	Hydraulic Cement- OPC / PPC / PSC , GGBS	Magnesium Oxide (MgO)	IS 4032
20	CHEMICAL- BUILDING MATERIAL	Hydraulic Cement- OPC / PPC / PSC , GGBS	Silica Conent (SiO2)	IS 4032
21	CHEMICAL- BUILDING MATERIAL	Hydraulic Cement- OPC / PPC / PSC , GGBS	Sulphur Trioxide (SO3)	IS 4032
22	CHEMICAL- BUILDING MATERIAL	Mortar	Chloride	BS 1881 Part 124
23	CHEMICAL- BUILDING MATERIAL	Mortar	Sulphate	BS 1881 Part 124
24	CHEMICAL- BUILDING MATERIAL	Mortars	pH	IS 2720 (Part-26)
25	CHEMICAL- BUILDING MATERIAL	Pozzolanic Materials	Aluminum Oxide (Al2O3)	IS 1727
26	CHEMICAL- BUILDING MATERIAL	Pozzolanic Materials	Ferric Oxide (Fe2O3)	IS 1727
27	CHEMICAL- BUILDING MATERIAL	Pozzolanic Materials	Loss on Ignition (LOI)	IS 1727
28	CHEMICAL- BUILDING MATERIAL	Pozzolanic Materials	Magnesium Oxide (MgO)	IS 1727
29	CHEMICAL- BUILDING MATERIAL	Pozzolanic Materials	Silicon Dioxide (SiO2)	IS 1727
30	CHEMICAL- BUILDING MATERIAL	Pozzolanic Materials	Sulphur Trioxide (SO3)	IS 1727
31	CHEMICAL- BUILDING MATERIAL	Pozzolanic Materials	Total Chloride	IS 1727
32	CHEMICAL- METALS & ALLOYS	Carbon Steel	Carbon	ASTM E 415
33	CHEMICAL- METALS & ALLOYS	Carbon Steel	Manganese (Mn)	ASTM E 415
34	CHEMICAL- METALS & ALLOYS	Carbon Steel	Phosphorous (P)	ASTM E 415
35	CHEMICAL- METALS & ALLOYS	Carbon Steel	Silicon (Si)	ASTM E 415
36	CHEMICAL- METALS & ALLOYS	Carbon Steel	Sulfur (S)	ASTM E 415
37	CHEMICAL- WATER	Construction Water	Chloride Content	IS 3025 (Part-32)

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38	CHEMICAL- WATER	Construction Water	ml of 0.02N H2SO4 used for 100 ml water (Alkalinity)	IS 3025 (Part- 23)
39	CHEMICAL- WATER	Construction Water	ml of 0.02N NaOH used for 100 ml water (Acidity)	IS 3025 (Part- 22)
40	CHEMICAL- WATER	Construction Water	pH	IS 3035 (Part-11)
41	CHEMICAL- WATER	Construction Water	Total Dissolved Solid (TDS) (Organic)	IS 3025 (Part-18)
42	CHEMICAL- WATER	Construction Water	Total Dissolved Solid (TDS)(Inorganic)	IS 3025 (Part-18)
43	CHEMICAL- WATER	Construction Water	Total Suspended Solids	IS 3025 (Part- 17)
44	MECHANICAL- BUILDINGS MATERIALS	Autoclave Cellular Concrete Block	Compressive Strength	IS 6441 : Part 5
45	MECHANICAL- BUILDINGS MATERIALS	Autoclave Cellular Concrete Block	Density	IS 6441 : Part 1
46	MECHANICAL- BUILDINGS MATERIALS	Autoclave Cellular Concrete Block	Height	IS 2185 : Part 3
47	MECHANICAL- BUILDINGS MATERIALS	Autoclave Cellular Concrete Block	Length	IS 2185 : Part 3
48	MECHANICAL- BUILDINGS MATERIALS	Autoclave Cellular Concrete Block	Moisture Content	IS 6441 : Part 1
49	MECHANICAL- BUILDINGS MATERIALS	Autoclave Cellular Concrete Block	Thickness	IS 2185 : Part 3
50	MECHANICAL- BUILDINGS MATERIALS	Cement (OPC, PPC)	Compressive Strength	IS 4031 : Part 6
51	MECHANICAL- BUILDINGS MATERIALS	Cement (OPC, PPC)	Density	IS 4031 : Part 11
52	MECHANICAL- BUILDINGS MATERIALS	Cement (OPC, PPC)	Final Setting Time	IS 4031 : Part 5
53	MECHANICAL- BUILDINGS MATERIALS	Cement (OPC, PPC)	Initial Setting Time	IS 4031 : Part 5
54	MECHANICAL- BUILDINGS MATERIALS	Cement (OPC, PPC)	Normal Consistency	IS 4031 : Part 1
55	MECHANICAL- BUILDINGS MATERIALS	Cement (OPC, PPC)	Soundness (Le-Chatelier Method)	IS 4031 : Part 3
56	MECHANICAL- BUILDINGS MATERIALS	Ceramic Tiles	Modulus of Rupture	IS 13630 : Part 6
57	MECHANICAL- BUILDINGS MATERIALS	Ceramic Tiles	Breaking Strength	IS 13630 : Part 6

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58	MECHANICAL- BUILDINGS MATERIALS	Ceramic Tiles	Length	IS 13630 : Part 1
59	MECHANICAL- BUILDINGS MATERIALS	Ceramic Tiles	Rectangularity	IS 13630 : Part 1
60	MECHANICAL- BUILDINGS MATERIALS	Ceramic Tiles	Scrach Hardness	IS 13630 : Part 13
61	MECHANICAL- BUILDINGS MATERIALS	Ceramic Tiles	Straightness	IS 13630 : Part 1
62	MECHANICAL- BUILDINGS MATERIALS	Ceramic Tiles	Thickness	IS 13630 : Part 1
63	MECHANICAL- BUILDINGS MATERIALS	Ceramic Tiles	Water Absorption	IS 13630 : Part 2
64	MECHANICAL- BUILDINGS MATERIALS	Ceramic Tiles	Width	IS 13630 : Part 1
65	MECHANICAL- BUILDINGS MATERIALS	Coarse Aggregate	10 percent Fines Value	IS 2386 : Part 4
66	MECHANICAL- BUILDINGS MATERIALS	Coarse Aggregate	Aggregate Crushing Value	IS 2386 : Part 4
67	MECHANICAL- BUILDINGS MATERIALS	Coarse Aggregate	Aggregate Impact Value	IS 2386 : Part 4
68	MECHANICAL- BUILDINGS MATERIALS	Coarse Aggregate	Bulk Density (Loose & Rodded)	IS 2386 : Part 3
69	MECHANICAL- BUILDINGS MATERIALS	Coarse Aggregate	Elongation Index	IS 2386 : Part 1
70	MECHANICAL- BUILDINGS MATERIALS	Coarse Aggregate	Flakiness Index	IS 2386 : Part 1
71	MECHANICAL- BUILDINGS MATERIALS	Coarse Aggregate	Sieve Analysis	IS 2386 : Part 1
72	MECHANICAL- BUILDINGS MATERIALS	Coarse Aggregate	Specific Gravity	IS 2386 : Part 3
73	MECHANICAL- BUILDINGS MATERIALS	Coarse Aggregate	Water Absorption	IS 2386 : Part 3
74	MECHANICAL- BUILDINGS MATERIALS	Concrete	Compressive Strength of Core	IS 516 Part 4
75	MECHANICAL- BUILDINGS MATERIALS	Concrete	Compressive Strength of Cube	IS 516
76	MECHANICAL- BUILDINGS MATERIALS	Concrete	Compressive Strength of Cylinder	IS 516

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77	MECHANICAL- BUILDINGS MATERIALS	Concrete	Depth of Water Penetration Under Pressure	IS 516 : Part-2/sec-01
78	MECHANICAL- BUILDINGS MATERIALS	Concrete	Drying Shrinkage	IS 516 : Part 6
79	MECHANICAL- BUILDINGS MATERIALS	Concrete	Initial Surface Water Absorption	BS 1881-208
80	MECHANICAL- BUILDINGS MATERIALS	Concrete	Modulus of Elasticity	ASTM C469/C469M
81	MECHANICAL- BUILDINGS MATERIALS	Concrete	Rapid Chloride Migration	NT BUILD 492
82	MECHANICAL- BUILDINGS MATERIALS	Concrete	Rapid Chloride Penetration test	ASTM C 1202
83	MECHANICAL- BUILDINGS MATERIALS	Concrete	Water Absorption	BS 1881-122
84	MECHANICAL- BUILDINGS MATERIALS	Fine Aggregate	Bulk Density (Loose & Rodded)	IS 2386 : Part 3
85	MECHANICAL- BUILDINGS MATERIALS	Fine Aggregate	Particle Finer than 75µm	IS 2386 : Part 1
86	MECHANICAL- BUILDINGS MATERIALS	Fine Aggregate	Sieve Analysis	IS 2386 : Part 1
87	MECHANICAL- BUILDINGS MATERIALS	Fine Aggregate	Specific Gravity	IS 2386 : Part 3
88	MECHANICAL- BUILDINGS MATERIALS	Fine Aggregate	Water Absorption	IS 2386 : Part 3
89	MECHANICAL- BUILDINGS MATERIALS	Fly Ash	Compressive Strength	IS 1727
90	MECHANICAL- BUILDINGS MATERIALS	Fly Ash	Final Setting Time	IS 1727
91	MECHANICAL- BUILDINGS MATERIALS	Fly Ash	Initial Setting Time	IS 1727
92	MECHANICAL- BUILDINGS MATERIALS	Fly Ash	Soundness by (Le-Chattelier Method)	IS 1727
93	MECHANICAL- BUILDINGS MATERIALS	Fly ash	Specific Gravity	IS 1727
94	MECHANICAL- BUILDINGS MATERIALS	Gypsum Plaster	Compressive Strength	IS 2542 : Part 1
95	MECHANICAL- BUILDINGS MATERIALS	Gypsum Plaster	Dry Bulk Density	IS 2542 : Part 1

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96	MECHANICAL- BUILDINGS MATERIALS	Gypsum Plaster	Normal Consistency	IS 2542 : Part 1
97	MECHANICAL- BUILDINGS MATERIALS	Gypsum Plaster	Setting Time	IS 2542 : Part 1
98	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Binding Wire	Ultimate Tensile Strength	IS 1608 (Part 1)
99	MECHANICAL- MECHANICAL PROPERTIES OF METALS	High Strength Deformed Steel Bar	Mass Per Meter	IS 1786
100	MECHANICAL- MECHANICAL PROPERTIES OF METALS	High Strength Deformed Steel Bar	Ultimate Tensile Strength	IS 1608 (Part 1)
101	MECHANICAL- MECHANICAL PROPERTIES OF METALS	High Strength Deformed Steel Bars	0.2% Proof Stress	IS 1608 (Part 1)
102	MECHANICAL- MECHANICAL PROPERTIES OF METALS	High Strength Deformed Steel Bars	Bend Test	IS 1599
103	MECHANICAL- MECHANICAL PROPERTIES OF METALS	High Strength Deformed Steel Bars	Elongation	IS 1608 (Part 1)
104	MECHANICAL- MECHANICAL PROPERTIES OF METALS	High Strength Deformed Steel Bars	Rebend Test	IS 1786
105	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Structural Steel	Bend Test	IS 1599
106	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Structural Steel	Percentage Elongation	IS 1608 (Part-1)
107	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Structural Steel	Ultimate Tensile Strength	IS 1608 (Part-1)
108	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Structural Steel	Yield Strength	IS 1608 (Part-1)
109	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Wire Strand	% Difference in diameter of centre to outer wire	IS 14268

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110	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Wire Strand	% Elongation	IS 14268
111	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Wire Strand	0.2% Proof Load	IS 14268
112	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Wire Strand	Breaking Load	IS 14268
113	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Wire Strand	Diameter of wire strand	IS 14268
114	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Wire Strand	Lay Length	IS 14268
115	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Wire Strand	Mass per meter	IS 14268

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Site Facility				
1	NON-DESTRUCTIVE-BUILDING MATERIALS - REINFORCED CONCRETE STRUCTURES	Reinforced Concrete Structure	Rebound Hammer Test	IS 516 : Part 5 : Sec 4
2	NON-DESTRUCTIVE-BUILDING MATERIALS - REINFORCED CONCRETE STRUCTURES	Reinforced Concrete Structure	Ultrasonic Pulse velocity	IS 516 : Part 5 : Sec 1
3	NON-DESTRUCTIVE-BUILDING MATERIALS - REINFORCED CONCRETE STRUCTURES	Reinforcement Concrete Structure	Pile Integrity Test (Low Strain Impact Integrity Testing of Deep Foundation)	ASTM D 5882
4	NON-DESTRUCTIVE-BUILDING MATERIALS - REINFORCED CONCRETE STRUCTURES	Reinforcement Concrete Structure	Pull of Adhesion Strength	ASTM D 4541
5	NON-DESTRUCTIVE-BUILDING MATERIALS - REINFORCED CONCRETE STRUCTURES	Reinforcement Concrete Structure	Pull of Adhesion Strength	ASTM D 7234
6	NON-DESTRUCTIVE-BUILDING MATERIALS - REINFORCED CONCRETE STRUCTURES	Reinforcement Concrete Structure	Rebar Pull Out Test	IS 11309