National Accreditation Board for Testing and Calibration Laboratories

SCOPE OF ACCREDITATION

Laboratory Name : SHREEJI TECHNICAL CONSULTANCY SERVICES, 6, FF, INDIA ESTATE, AHMEDABAD, GUJARAT, INDIA

Accreditation Standard ISO/IEC 17025:2017

Certificate Number TC-10098 **Page No** 1 of 7

Validity 29/11/2021 to 28/11/2023 **Last Amended on** 19/04/2023

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	AAC Blocks	Block Density	IS 6441 (Part 1)
2	MECHANICAL- BUILDINGS MATERIALS	AAC Blocks	Compressive Strength	IS 6441 (Part 5)
3	MECHANICAL- BUILDINGS MATERIALS	AAC Blocks	Dimension - Height	IS 2185 (Part 3)
4	MECHANICAL- BUILDINGS MATERIALS	AAC blocks	Dimensions - Length	IS 2185 (Part 3)
5	MECHANICAL- BUILDINGS MATERIALS	AAC Blocks	Dimensions - Width	IS 2185 (Part 3)
6	MECHANICAL- BUILDINGS MATERIALS	AAC Blocks	Drying Shrinkage	IS 6441 (Part 2)
7	MECHANICAL- BUILDINGS MATERIALS	Admixture	Compressive strength	IS 516 (P-1) Sec 1
8	MECHANICAL- BUILDINGS MATERIALS	Admixture	Slump	IS 1199
9	MECHANICAL- BUILDINGS MATERIALS	Bitumen/ Modified Bitumen	Binder Content	IRC SP-11
10	MECHANICAL- BUILDINGS MATERIALS	Bitumen/ Modified Bitumen	Bitumen Penetration Test	IS 1203
11	MECHANICAL- BUILDINGS MATERIALS	Bitumen/ Modified Bitumen	Ductility Test	IS 1208
12	MECHANICAL- BUILDINGS MATERIALS	Bitumen/ Modified Bitumen	Loss on Heating	IS 9382
13	MECHANICAL- BUILDINGS MATERIALS	Bitumen/ Modified Bitumen	Softening Point Test	IS 1205
14	MECHANICAL- BUILDINGS MATERIALS	Bitumen/ Modified Bitumen	Solubility in Trichloroethylene test	IS 1216
15	MECHANICAL- BUILDINGS MATERIALS	Bitumen/ Modified Bitumen	Specific Gravity of Bitumen test	IS 1202
16	MECHANICAL- BUILDINGS MATERIALS	Bitumen/ Modified Bitumen	Viscosity (Absolute at 60'C Poise)test	IS 1206
17	MECHANICAL- BUILDINGS MATERIALS	Bitumen/ Modified Bitumen	Viscosity (Kinematic at 135'C CST) test	IS 1206
18	MECHANICAL- BUILDINGS MATERIALS	Bituminous Concrete	Marshal Stability test	ASTM D 6927

SCOPE OF ACCREDITATION

Laboratory Name : SHREEJI TECHNICAL CONSULTANCY SERVICES, 6, FF, INDIA ESTATE, AHMEDABAD, GUJARAT, INDIA

Accreditation Standard ISO/IEC 17025:2017

Certificate Number TC-10098 **Page No** 2 of 7

Validity 29/11/2021 to 28/11/2023 **Last Amended on** 19/04/2023

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
19	MECHANICAL- BUILDINGS MATERIALS	Bituminous concrete	Marshall Flow	ASTM D6927
20	MECHANICAL- BUILDINGS MATERIALS	Burnt Clay Brick & Flyash Bricks	Compressive strength	IS 3495 (Part 1)
21	MECHANICAL- BUILDINGS MATERIALS	Burnt Clay Brick & Flyash Bricks	Dimension - Length	IS 1077
22	MECHANICAL- BUILDINGS MATERIALS	Burnt Clay Brick & Flyash Bricks	Efflorescence	IS 3495 (Part 3)
23	MECHANICAL- BUILDINGS MATERIALS	Burnt Clay Brick & Flyash Bricks	Water Absorption	IS 3495 (Part 2)
24	MECHANICAL- BUILDINGS MATERIALS	Burnt Clay Brick & Flyash Bricks	Dimension - Height	IS:1077
25	MECHANICAL- BUILDINGS MATERIALS	Burnt Clay Brick & Flyash Bricks	Dimension - Width	IS:1077
26	MECHANICAL- BUILDINGS MATERIALS	Coarse Aggregate	10% fine value	IS 2386 (Part 4)
27	MECHANICAL- BUILDINGS MATERIALS	Coarse Aggregate	Abrasion Value	IS 2386 (Part 4)
28	MECHANICAL- BUILDINGS MATERIALS	Coarse Aggregate	Alkali Aggregate Reactivity (By Mortar Bar Method)	IS 2386 (Part 7)
29	MECHANICAL- BUILDINGS MATERIALS	Coarse Aggregate	Bulk Density (Loose)	IS 2386 Part 3
30	MECHANICAL- BUILDINGS MATERIALS	Coarse Aggregate	Compacted Bulk Density	IS 2386 (Part 3)
31	MECHANICAL- BUILDINGS MATERIALS	Coarse Aggregate	Crushing Value	IS 2386 Part 4
32	MECHANICAL- BUILDINGS MATERIALS	Coarse Aggregate	Elongation Index	IS 2386 Part 1
33	MECHANICAL- BUILDINGS MATERIALS	Coarse Aggregate	Flakiness Index	IS 2386 (part 1)
34	MECHANICAL- BUILDINGS MATERIALS	Coarse Aggregate	Impact Value	IS 2386 (Part 4)
35	MECHANICAL- BUILDINGS MATERIALS	Coarse Aggregate	Sieve Analysis (4.75 mm to 125 mm)	IS 2386 (Part 1)
36	MECHANICAL- BUILDINGS MATERIALS	Coarse Aggregate	Soundness - MgSO4	IS 2386 (Part 5)
37	MECHANICAL- BUILDINGS MATERIALS	Coarse Aggregate	Soundness - Na2SO4	IS 2386 (Part 5)

SCOPE OF ACCREDITATION

Laboratory Name : SHREEJI TECHNICAL CONSULTANCY SERVICES, 6, FF, INDIA ESTATE, AHMEDABAD, GUJARAT, INDIA

Accreditation Standard ISO/IEC 17025:2017

Certificate Number TC-10098 **Page No** 3 of 7

Validity 29/11/2021 to 28/11/2023 **Last Amended on** 19/04/2023

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
38	MECHANICAL- BUILDINGS MATERIALS	Coarse Aggregate	Specific Gravity	IS 2386 (Part 3)
39	MECHANICAL- BUILDINGS MATERIALS	Coarse Aggregate	Water Absorption	IS 2386 (Part 3)
40	MECHANICAL- BUILDINGS MATERIALS	Concrete	Flexural Strength	IS 516 (P-1) Sec-1
41	MECHANICAL- BUILDINGS MATERIALS	Concrete (cube,core)	Compressive Strength	IS 516 (Part 1), IS 516 (Part 4)
42	MECHANICAL- BUILDINGS MATERIALS	Fine (sand) Aggregates	Alkali Aggregate Reactivity (By Mortar Bar Method)	IS 2386 (Part 7)
43	MECHANICAL- BUILDINGS MATERIALS	Fine Aggregate	Bulk Density (Loose)	IS 2386 (Part 3)
44	MECHANICAL- BUILDINGS MATERIALS	Fine Aggregate	Compacted Bulk Density	IS 2386 (Part 3)
45	MECHANICAL- BUILDINGS MATERIALS	Fine Aggregate	Finer than 75 micron	IS 2386 Part 1
46	MECHANICAL- BUILDINGS MATERIALS	Fine Aggregate	Sieve Analysis (0.15 mm to 10 mm)	IS 2386 (Part 1)
47	MECHANICAL- BUILDINGS MATERIALS	Fine Aggregate	Soundness - MgSO4	IS 2386 (Part 5)
48	MECHANICAL- BUILDINGS MATERIALS	Fine Aggregate	Soundness - Na2SO4	IS 2386 (Part 5)
49	MECHANICAL- BUILDINGS MATERIALS	Fine Aggregate	Specific Gravity	IS 2386 (Part 3)
50	MECHANICAL- BUILDINGS MATERIALS	Fine Aggregate	Water Absorption	IS 2386 (Part 3)
51	MECHANICAL- BUILDINGS MATERIALS	Flooring Tiles (Ceramic/ Glazed Vitrified)	Dimensions - Length	IS 13630 (Part 1)
52	MECHANICAL- BUILDINGS MATERIALS	Flooring Tiles (Ceramic/ Glazed Vitrified)	Dimensions - Thickness	IS 15622
53	MECHANICAL- BUILDINGS MATERIALS	Flooring Tiles (Ceramic/ Glazed Vitrified)	Dimensions - Width	IS 15622
54	MECHANICAL- BUILDINGS MATERIALS	Flooring Tiles (Ceramic/ Glazed Vitrified)	Water absorption	IS 13630 (Part 2)
55	MECHANICAL- BUILDINGS MATERIALS	Hydraulic Cement OPC-33G, 43G, 53G / PSC / PPC / White Cement	Density/ Specific Gravity	IS 4031 (Part 11)
56	MECHANICAL- BUILDINGS MATERIALS	Hydraulic Cement OPC-33G,43G,53G / PSC / PPC / White Cement	Soundness (Le- Chatelier)	IS 4031 (Part 3)

SCOPE OF ACCREDITATION

Laboratory Name : SHREEJI TECHNICAL CONSULTANCY SERVICES, 6, FF, INDIA ESTATE, AHMEDABAD, GUJARAT, INDIA

Accreditation Standard ISO/IEC 17025:2017

Certificate Number TC-10098 **Page No** 4 of 7

Validity 29/11/2021 to 28/11/2023 **Last Amended on** 19/04/2023

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
57	MECHANICAL- BUILDINGS MATERIALS	Hydraulic Cement OPC 33G, 43G, 53G / PSC / PPC / White Cement	Compressive Strength	IS 4031 (Part 6)
58	MECHANICAL- BUILDINGS MATERIALS	Hydraulic Cement OPC 33G, 43G, 53G / PSC / PPC / White Cement	Consistency	IS 4031 (Part 4)
59	MECHANICAL- BUILDINGS MATERIALS	Hydraulic Cement OPC 33G, 43G, 53G / PSC / PPC / White Cement	Fineness (by Blaine's Method)	IS 4031 (Part 2)
60	MECHANICAL- BUILDINGS MATERIALS	Hydraulic Cement OPC 33G, 43G, 53G / PSC / PPC / White Cement	Setting Time (Final)	IS 4031 (Part 5)
61	MECHANICAL- BUILDINGS MATERIALS	Hydraulic Cement OPC 33G, 43G, 53G / PSC / PPC / White Cement	Setting Time (Initial)	IS 4031 (Part 5)
62	MECHANICAL- BUILDINGS MATERIALS	Paver Block	Compressive Strength	IS 15658
63	MECHANICAL- BUILDINGS MATERIALS	Paver Block	Water Absorption	IS 15658
64	MECHANICAL- BUILDINGS MATERIALS	Pozzolanic materials	Compressive Strength	IS 1727
65	MECHANICAL- BUILDINGS MATERIALS	Pozzolanic materials	Particle retained on 45 micron IS Sieve (wet Sieving)	IS 1727
66	MECHANICAL- BUILDINGS MATERIALS	Pozzolanic materials	Setting Time (Final)	IS 1727
67	MECHANICAL- BUILDINGS MATERIALS	Pozzolanic materials	Setting Time (Initial)	IS 1727
68	MECHANICAL- BUILDINGS MATERIALS	Pozzolanic materials	Soundness (Le- Chatelier)	IS 1727
69	MECHANICAL- BUILDINGS MATERIALS	Pozzolanic materials	Specific Gravity	IS 1727
70	MECHANICAL- BUILDINGS MATERIALS	Wood (Timber)	Density (Specific Gravity)	IS 1708 (Part 2)
71	MECHANICAL- BUILDINGS MATERIALS	Wood (Timber)	Moisture	IS 1708 (Part-1)
72	MECHANICAL- SOIL AND ROCK	Natural building stone	Apparent specific gravity	IS 1124
73	MECHANICAL- SOIL AND ROCK	Natural building stone	Compressive strength	IS 1121 (Part-1)
74	MECHANICAL- SOIL AND ROCK	Natural building stone	True specific gravity	IS 1122
75	MECHANICAL- SOIL AND ROCK	Natural building stone	Water absorption	IS 1124

SCOPE OF ACCREDITATION

Laboratory Name : SHREEJI TECHNICAL CONSULTANCY SERVICES, 6, FF, INDIA ESTATE, AHMEDABAD, GUJARAT, INDIA

Accreditation Standard ISO/IEC 17025:2017

Certificate Number TC-10098 **Page No** 5 of 7

Validity 29/11/2021 to 28/11/2023 **Last Amended on** 19/04/2023

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
76	MECHANICAL- SOIL AND ROCK	Rock	Density	IS 13030
77	MECHANICAL- SOIL AND ROCK	Rock	Specific Gravity	IS 1124
78	MECHANICAL- SOIL AND ROCK	Rock	Unconfined compressive strength	IS 9143
79	MECHANICAL- SOIL AND ROCK	Rock	Water content	IS 13030
80	MECHANICAL- SOIL AND ROCK	Soil	California Bearing ratio	IS 2720 (Part 16)
81	MECHANICAL- SOIL AND ROCK	Soil	Consolidation Test	IS:2720 (Part 15)
82	MECHANICAL- SOIL AND ROCK	Soil	Direct Shear test (Angle)	IS 2720 (Part 13)
83	MECHANICAL- SOIL AND ROCK	Soil	Direct Shear test (Cohesion)	IS 2720 (Part 13)
84	MECHANICAL- SOIL AND ROCK	Soil	Free Swell Index	IS 2720 (Part- 40)
85	MECHANICAL- SOIL AND ROCK	Soil	Gradation (75 micron to 40 mm)	IS 2720 (Part 4)
86	MECHANICAL- SOIL AND ROCK	Soil	Heavy Compaction (MDD)	IS 2720 (Part 8)
87	MECHANICAL- SOIL AND ROCK	Soil	Heavy Compaction (OMC)	IS 2720 (Part 8):
88	MECHANICAL- SOIL AND ROCK	Soil	Light Compaction (MDD)	IS 2720 (Part 7)
89	MECHANICAL- SOIL AND ROCK	Soil	Light Compaction (OMC)	IS 2720 (Part 27)
90	MECHANICAL- SOIL AND ROCK	Soil	Liquid Limit	IS 2720 (Part 5)
91	MECHANICAL- SOIL AND ROCK	Soil	Plastic Limit	IS 2720 (Part 5)
92	MECHANICAL- SOIL AND ROCK	Soil	Shrinkage Limit	IS:2720 (Part 6)
93	MECHANICAL- SOIL AND ROCK	Soil	Specific Gravity	IS 2720 (Part-3)
94	MECHANICAL- SOIL AND ROCK	Soil	Swelling Pressure	IS:2720 (Part 41)

SCOPE OF ACCREDITATION

Laboratory Name : SHREEJI TECHNICAL CONSULTANCY SERVICES, 6, FF, INDIA ESTATE, AHMEDABAD, GUJARAT, INDIA

Accreditation Standard ISO/IEC 17025:2017

Certificate Number TC-10098 **Page No** 6 of 7

Validity 29/11/2021 to 28/11/2023 **Last Amended on** 19/04/2023

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
95	MECHANICAL- SOIL AND ROCK	Soil	Triaxial Test (T.U.U.)	IS:2720 (Part 11)
96	MECHANICAL- SOIL AND ROCK	Soil	Unconfined Compressive Strength	IS:2720 (Part 10)
97	MECHANICAL- SOIL AND ROCK	Soil	Water content	IS 2720 (Part 2)

SCOPE OF ACCREDITATION

Laboratory Name : SHREEJI TECHNICAL CONSULTANCY SERVICES, 6, FF, INDIA ESTATE, AHMEDABAD, GUJARAT, INDIA

Accreditation Standard ISO/IEC 17025:2017

Certificate Number TC-10098 **Page No** 7 of 7

Validity 29/11/2021 to 28/11/2023 **Last Amended on** 19/04/2023

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
Site Facility				
1	MECHANICAL- SOIL AND ROCK	Clay & Soils	Dry Density- (Core Cutting Method)	IS 2720 (Part 29)
2	MECHANICAL- SOIL AND ROCK	Clay & Soils	Dry Density- (Sand Replacement Method)	IS 2720 (Part 28)
3	MECHANICAL- SOIL AND ROCK	Clay & Soils	Standard Penetration	IS 2131