National Accreditation Board for Testing and Calibration Laboratories

SCOPE OF ACCREDITATION

Laboratory Name : SHREE CIVIL ENGINEERING PRIVATE LIMITED, 18 PURSHOTAM NAGAR, NADIAD, KHEDA, GUJARAT, INDIA

Accreditation Standard ISO/IEC 17025:2017

Certificate Number TC-6181 **Page No** 1 of 4

Validity 31/10/2022 to 30/10/2024 **Last Amended on** 08/12/2022

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	MECHANICAL- BUILDINGS MATERIALS	Bitumen	Absolute Viscosity (60 o C)	IS 1206(Part-2)
2	MECHANICAL- BUILDINGS MATERIALS	Bitumen	Ductility	IS 1208
3	MECHANICAL- BUILDINGS MATERIALS	Bitumen	Kinematic viscosity	IS 1206(Part-3)
4	MECHANICAL- BUILDINGS MATERIALS	Bitumen	Loss on Heating	IS 1212
5	MECHANICAL- BUILDINGS MATERIALS	Bitumen	Penetration	IS 1203
6	MECHANICAL- BUILDINGS MATERIALS	Bitumen	Softening Point	IS 1205
7	MECHANICAL- BUILDINGS MATERIALS	Bitumen	Specific Gravity	IS 1202
8	MECHANICAL- BUILDINGS MATERIALS	Bituminous Mix	Binder Content	ASTMD 2172
9	MECHANICAL- BUILDINGS MATERIALS	Bituminous Mix	Density	ASTM D 2726
10	MECHANICAL- BUILDINGS MATERIALS	Bituminous Mix	Flow Value	ASTM D6927
11	MECHANICAL- BUILDINGS MATERIALS	Bituminous Mix	Marshal Stability	ASTM D 6927
12	MECHANICAL- BUILDINGS MATERIALS	Burnt Clay Brick & Fly Ash Brick	Compressive strength	IS 3495 (Part 1)
13	MECHANICAL- BUILDINGS MATERIALS	Burnt Clay Brick & Fly Ash Brick	Dimension (Length)	IS 1077
14	MECHANICAL- BUILDINGS MATERIALS	Burnt Clay Brick & Fly Ash Brick	Dimension (Height)	IS 1077
15	MECHANICAL- BUILDINGS MATERIALS	Burnt Clay Brick & Fly Ash Brick	Dimension (Width)	IS 1077
16	MECHANICAL- BUILDINGS MATERIALS	Burnt Clay Brick & Fly Ash Brick	Efflorescence	IS 3495 (Part 3)
17	MECHANICAL- BUILDINGS MATERIALS	Burnt Clay Brick & Fly Ash Brick	Water absorption	IS 3495 (Part 2)
18	MECHANICAL- BUILDINGS MATERIALS	Cement	Compressive strength	IS 4031 (Part6)

SCOPE OF ACCREDITATION

Laboratory Name : SHREE CIVIL ENGINEERING PRIVATE LIMITED, 18 PURSHOTAM NAGAR, NADIAD, KHEDA, GUJARAT, INDIA

Accreditation Standard ISO/IEC 17025:2017

Certificate Number TC-6181 **Page No** 2 of 4

Validity 31/10/2022 to 30/10/2024 **Last Amended on** 08/12/2022

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
19	MECHANICAL- BUILDINGS MATERIALS	Cement	Consistency	IS 4031 (Part4)
20	MECHANICAL- BUILDINGS MATERIALS	Cement	Density	IS 4031 (Part 11)
21	MECHANICAL- BUILDINGS MATERIALS	Cement	Final Setting time	IS 4031 (Part5)
22	MECHANICAL- BUILDINGS MATERIALS	Cement	Fineness by Blain airpermeability Method	IS 4031 (Part2)
23	MECHANICAL- BUILDINGS MATERIALS	Cement	Fineness by Dry Sieving	IS 4031 (Part 1)
24	MECHANICAL- BUILDINGS MATERIALS	Cement	Initial Setting Time	IS 4031 (Part5)
25	MECHANICAL- BUILDINGS MATERIALS	Cement	Soundness with Le-Chattalier method	IS 4031 (Part3)
26	MECHANICAL- BUILDINGS MATERIALS	Coarse Aggregate	10% Fines Value	IS 2386 (Part 4)
27	MECHANICAL- BUILDINGS MATERIALS	Coarse Aggregate	Alkali Aggregate Reactivity (RC)	IS 2386 (Part 7)
28	MECHANICAL- BUILDINGS MATERIALS	Coarse Aggregate	Alkali Aggregate Reactivity (SC)	IS 2386 (Part 7)
29	MECHANICAL- BUILDINGS MATERIALS	Coarse Aggregate	Elongation Index	IS 2386 (Part 1)
30	MECHANICAL- BUILDINGS MATERIALS	Coarse Aggregate	Sieve Analysis (4.75 mm to 125 mm)	IS 2386 (Part 1)
31	MECHANICAL- BUILDINGS MATERIALS	Coarse Aggregates	Bulk Density	IS 2386 (Part 3)
32	MECHANICAL- BUILDINGS MATERIALS	Coarse Aggregates	Crushing Value	IS 2386 (Part 4)
33	MECHANICAL- BUILDINGS MATERIALS	Coarse Aggregates	Flakiness Index	IS 2386 (Part 1)
34	MECHANICAL- BUILDINGS MATERIALS	Coarse Aggregates	Impact Value	IS 2386 (Part 4)
35	MECHANICAL- BUILDINGS MATERIALS	Coarse Aggregates	Los Angeles Abrasion Value	IS 2386 (Part 4)
36	MECHANICAL- BUILDINGS MATERIALS	Coarse Aggregates	Soundness Test (Magnesium Sulphate & Sodium Sulphate)	IS 2386 (Part 5)
37	MECHANICAL- BUILDINGS MATERIALS	Coarse Aggregates	Specific Gravity	IS 2386 (Part 3)

SCOPE OF ACCREDITATION

Laboratory Name : SHREE CIVIL ENGINEERING PRIVATE LIMITED, 18 PURSHOTAM NAGAR, NADIAD, KHEDA, GUJARAT, INDIA

Accreditation Standard ISO/IEC 17025:2017

Certificate Number TC-6181 **Page No** 3 of 4

Validity 31/10/2022 to 30/10/2024 **Last Amended on** 08/12/2022

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
38	MECHANICAL- BUILDINGS MATERIALS	Coarse Aggregates	Water absorption	IS 2386 (Part 3)
39	MECHANICAL- BUILDINGS MATERIALS	Concrete (Fresh)	Slump Test	IS 1199 (Part-2)
40	MECHANICAL- BUILDINGS MATERIALS	Fine Aggregates	Bulk Density	IS 2386 (Part 3)
41	MECHANICAL- BUILDINGS MATERIALS	Fine Aggregates	Finer than 75 micron	IS 2386 (Part 1)
42	MECHANICAL- BUILDINGS MATERIALS	Fine Aggregates	Sieve Analysis (75 micron to 4.75 mm)	IS 2386 (Part 1)
43	MECHANICAL- BUILDINGS MATERIALS	Fine Aggregates	Silt Content	IS 2386 (Part 2)
44	MECHANICAL- BUILDINGS MATERIALS	Fine Aggregates	Soundness Test (Magnesium Sulphate & Sodium Sulphate)	IS 2386 (Part 5)
45	MECHANICAL- BUILDINGS MATERIALS	Fine Aggregates	Specific Gravity	IS 2386 (Part 3)
46	MECHANICAL- BUILDINGS MATERIALS	Fine Aggregates	Water absorption	IS 2386 (Part 3)
47	MECHANICAL- BUILDINGS MATERIALS	Hardened Concrete	compressive strength	IS 516 (Part-1/Sec-1)
48	MECHANICAL- BUILDINGS MATERIALS	Paver Block	Compressive strength	IS 15658 (Annex D, Annex B-3)
49	MECHANICAL- BUILDINGS MATERIALS	Paver Block	Water Absorption	IS 15658 (Annex C)
50	MECHANICAL- MECHANICAL PROPERTIES OF METALS	(Reinforcement and Structural Steel)	Bend Test	IS 1599
51	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Steel (Reinforcement and Structural Steel	Re Bend Test	IS 1786
52	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Steel (Reinforcement and Structural Steel)	Elongation	IS 1608 Part1
53	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Steel (Reinforcement and Structural Steel)	Nominal Mass	IS 1786
54	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Steel (Reinforcement and Structural Steel)	Ultimate Strength	IS 1608 part1

National Accreditation Board for Testing and Calibration Laboratories

SCOPE OF ACCREDITATION

Laboratory Name : SHREE CIVIL ENGINEERING PRIVATE LIMITED, 18 PURSHOTAM NAGAR, NADIAD, KHEDA, GUJARAT, INDIA

Accreditation Standard ISO/IEC 17025:2017

Certificate Number TC-6181 **Page No** 4 of 4

Validity 31/10/2022 to 30/10/2024 **Last Amended on** 08/12/2022

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
55	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Steel (Reinforcement and Structural Steel)	Yield Strength	IS 1608 part1
56	MECHANICAL- SOIL AND ROCK	Soil	Angle of internal friction (phi)	IS 2720 (Part 13)
57	MECHANICAL- SOIL AND ROCK	Soil	California Bearing Ratio (Soaked)	IS 2720(P 16)
58	MECHANICAL- SOIL AND ROCK	Soil	Cohesion	IS2720 (Part 13)
59	MECHANICAL- SOIL AND ROCK	Soil	Consolidation Test (Compression Index-Cc)	IS 2720 (Part 15)
60	MECHANICAL- SOIL AND ROCK	Soil	Free Swell Index	IS 2720 (Part 40)
61	MECHANICAL- SOIL AND ROCK	Soil	Grain Size analysis (75 micron to 4.75 mm)	IS 2720 (Part4)
62	MECHANICAL- SOIL AND ROCK	Soil	Heavy Compaction(MDD)	IS 2720 (Part 8)
63	MECHANICAL- SOIL AND ROCK	Soil	Heavy Compaction(OMC)	IS 2720 (Part 8)
64	MECHANICAL- SOIL AND ROCK	Soil	Light Compaction (OMC)	IS 2720 (Part 7)
65	MECHANICAL- SOIL AND ROCK	Soil	Light Compaction(MDD)	IS 2720 (Part 7)
66	MECHANICAL- SOIL AND ROCK	Soil	Liquid limit	IS 2720 (Part 5)
67	MECHANICAL- SOIL AND ROCK	Soil	Plastic Limit	IS 2720 (Part 5)
68	MECHANICAL- SOIL AND ROCK	Soil	Specific Gravity	IS 2720 (Part3/Sec-2)
69	MECHANICAL- SOIL AND ROCK	Soil	Swell Pressure Test	IS 2720 (Part 41)
70	MECHANICAL- SOIL AND ROCK	Soil	Unconfined Compressive Strength	IS 2720 (Part 10)