National Accreditation Board for Testing and Calibration Laboratories

SCOPE OF ACCREDITATION

Laboratory Name : SUNRISE ENGINEERING (LABORATORY DIVISION), PLOT NO. 6-7, GOKUL NAGAR, KHOLWAD, KAMREJ, SURAT, GUJARAT, INDIA

Accreditation Standard ISO/IEC 17025:2017

Certificate Number TC-10955 **Page No** 1 of 4

Validity 02/09/2022 to 01/09/2024 **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	AAC Blocks	Density	IS 6441 (Part 1)
2	MECHANICAL- BUILDINGS MATERIALS	AAC Blocks	Dimension (Height)	IS 2185 (Part 3)
3	MECHANICAL- BUILDINGS MATERIALS	AAC Blocks	Dimension (Length)	IS 2185 (Part 3)
4	MECHANICAL- BUILDINGS MATERIALS	AAC Blocks	Dimension (Width)	IS 2185 (Part 3)
5	MECHANICAL- BUILDINGS MATERIALS	Bitumen	Absolute Viscosity	IS 1206 (Part 2)
6	MECHANICAL- BUILDINGS MATERIALS	Bitumen	Ductility	IS 1201 to IS 1220
7	MECHANICAL- BUILDINGS MATERIALS	Bitumen	Kinematic Viscosity	IS 1206 (Part 3)
8	MECHANICAL- BUILDINGS MATERIALS	Bitumen	Loss on Heating	IS 1212
9	MECHANICAL- BUILDINGS MATERIALS	Bitumen	Penetration	IS 1203
10	MECHANICAL- BUILDINGS MATERIALS	Bitumen	Softening Point	IS 1205
11	MECHANICAL- BUILDINGS MATERIALS	Bitumen	Specific Gravity	IS 1202
12	MECHANICAL- BUILDINGS MATERIALS	Brick	Compressive Strength	IS 3495 (Part 1)
13	MECHANICAL- BUILDINGS MATERIALS	Brick	Dimension (Height)	IS 1077
14	MECHANICAL- BUILDINGS MATERIALS	Brick	Dimension (Length)	IS 1077
15	MECHANICAL- BUILDINGS MATERIALS	Brick	Dimension (Width)	IS 1077
16	MECHANICAL- BUILDINGS MATERIALS	Brick	Efflorescence	IS 3495 (Part 3)
17	MECHANICAL- BUILDINGS MATERIALS	Brick	Water Absorption	IS 3495 (Part 2)
18	MECHANICAL- BUILDINGS MATERIALS	Cement	Compressive Strength (28 Days)	IS 4031 (Part 6)

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19	MECHANICAL- BUILDINGS MATERIALS	Cement	Compressive Strength (3 Days)	IS 4031 (Part 6)
20	MECHANICAL- BUILDINGS MATERIALS	Cement	Compressive Strength (7 Days)	IS 4031 (Part 6)
21	MECHANICAL- BUILDINGS MATERIALS	Cement	Consistency	IS 4031 (Part 4)
22	MECHANICAL- BUILDINGS MATERIALS	Cement	Density	IS 4031 (Part 11)
23	MECHANICAL- BUILDINGS MATERIALS	Cement	Final Setting Time	IS 4031 (Part 5)
24	MECHANICAL- BUILDINGS MATERIALS	Cement	Fineness By Dry Sieving (%Retained)	IS 4031 (Part 1)
25	MECHANICAL- BUILDINGS MATERIALS	Cement	Initial Setting Time	IS 4031 (Part 5)
26	MECHANICAL- BUILDINGS MATERIALS	Cement	Soundness by Le-chatelier method	IS 4031 (Part 3)
27	MECHANICAL- BUILDINGS MATERIALS	Coarse Aggregate	10% Fines Value	IS 2386 (Part 4)
28	MECHANICAL- BUILDINGS MATERIALS	Coarse Aggregate	Bulk Density (Compacted)	IS 2386 (Part 3)
29	MECHANICAL- BUILDINGS MATERIALS	Coarse Aggregate	Bulk Density (Loose)	IS 2386 (Part 3)
30	MECHANICAL- BUILDINGS MATERIALS	Coarse Aggregate	Crushing Value	IS 2386 (Part 4)
31	MECHANICAL- BUILDINGS MATERIALS	Coarse Aggregate	Elongation Index	IS 2386 (Part 1)
32	MECHANICAL- BUILDINGS MATERIALS	Coarse Aggregate	Flakiness Index	IS 2386 (Part 1)
33	MECHANICAL- BUILDINGS MATERIALS	Coarse Aggregate	Impact Value	IS 2386 (Part 4)
34	MECHANICAL- BUILDINGS MATERIALS	Coarse Aggregate	Los Angeles Abrasion 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	Specific Gravity	IS 2386 (Part 3)
37	MECHANICAL- BUILDINGS MATERIALS	Coarse Aggregate	Water Absorption	IS 2386 (Part 3)

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38	MECHANICAL- BUILDINGS MATERIALS	Concrete	Compressive Strength	IS 516 (Part 1/Section 1)
39	MECHANICAL- BUILDINGS MATERIALS	Concrete	Compressive Strength By Accelerated Curing Tank	IS 9013
40	MECHANICAL- BUILDINGS MATERIALS	Fine Aggregate	Bulk Density (Compacted)	IS 2386 (Part 3)
41	MECHANICAL- BUILDINGS MATERIALS	Fine Aggregate	Bulk Density (Loose)	IS 2386 (Part 3)
42	MECHANICAL- BUILDINGS MATERIALS	Fine Aggregate	Finer than 75 micron	IS 2386 (Part 1)
43	MECHANICAL- BUILDINGS MATERIALS	Fine Aggregate	Sieve Analysis (75 micron to 4.75mm)	IS 2386 (Part 1)
44	MECHANICAL- BUILDINGS MATERIALS	Fine Aggregate	Specific Gravity	IS 2386 (Part 3)
45	MECHANICAL- BUILDINGS MATERIALS	Fine Aggregate	Water Absorption	IS 2386 (Part 3)
46	MECHANICAL- BUILDINGS MATERIALS	Fresh Concrete	Slump Test	IS 1199 (Part 2)
47	MECHANICAL- BUILDINGS MATERIALS	Paver Block	Compressive Strength	IS 15658
48	MECHANICAL- BUILDINGS MATERIALS	Paver Block	Dimension (Thickness)	IS 15658
49	MECHANICAL- BUILDINGS MATERIALS	Paver Block	Water Absorption	IS 15658
50	MECHANICAL- BUILDINGS MATERIALS	Tile	Dimension (Height)	IS 13630 (Part 1)
51	MECHANICAL- BUILDINGS MATERIALS	Tile	Dimension (Length)	IS 13630 (Part 1)
52	MECHANICAL- BUILDINGS MATERIALS	Tile	Dimension (Width)	IS 13630 (Part 1)

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Site Facility				
1	NON-DESTRUCTIVE-BUILDING MATERIALS - REINFORCED CONCRETE STRUCTURES	Reinforced Concrete Structures	Rebound Hammer Test	IS 516 (Part 5 / Section 4)
2	NON-DESTRUCTIVE-BUILDING MATERIALS - REINFORCED CONCRETE STRUCTURES	Reinforced Concrete Structures	Ultrasonic Pulse Velocity Test	IS 516 (Part 5 / Section 1)