National Accreditation Board for Testing and Calibration Laboratories

SCOPE OF ACCREDITATION

Laboratory Name : GREENLAB INDUSTRIAL AND ENVIRONMENTAL SOLUTIONS PRIVATE LIMITED, 5/240D, GROUND FLOOR, JAS APARTMENTS, PIPELINE, KARIMAKADU MASJID ROAD, THRIKKAKARA, ERNAKULAM, KERALA, INDIA

Accreditation Standard ISO/IEC 17025:2017

Certificate Number TC-11098 **Page No** 1 of 2

Validity 29/10/2022 to 28/10/2024 **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	Autoclaved Aerated Concrete	Block Density	IS 6441 (Part 1)
2	MECHANICAL- BUILDINGS MATERIALS	Autoclaved Aerated Concrete	Compressive Strength	IS 6441 (Part 5)
3	MECHANICAL- BUILDINGS MATERIALS	Autoclaved Aerated Concrete	Moisture Content	IS 6441 (Part 1)
4	MECHANICAL- BUILDINGS MATERIALS	Burnt Clay Brick	Compressive Strength	IS 3495 (Part 1)
5	MECHANICAL- BUILDINGS MATERIALS	Burnt Clay Brick	Water Absorption	IS 3495 (Part 2)
6	MECHANICAL- BUILDINGS MATERIALS	Cement (OPC, PPC and PSC)	Compressive Strength	IS 4031 (Part 6)
7	MECHANICAL- BUILDINGS MATERIALS	Cement (OPC, PPC and PSC)	Consistency	IS 4031 (Part 4)
8	MECHANICAL- BUILDINGS MATERIALS	Cement (OPC, PPC and PSC)	Final Setting Time	IS 4031 (Part 5)
9	MECHANICAL- BUILDINGS MATERIALS	Cement (OPC, PPC and PSC)	Fineness by dry sieving Method	IS 4031 (Part 1)
10	MECHANICAL- BUILDINGS MATERIALS	Cement (OPC, PPC and PSC)	Initial Setting Time	IS 4031 (Part 5)
11	MECHANICAL- BUILDINGS MATERIALS	Cement (OPC, PPC and PSC)	Soundness by Le-Chatelier's Method	IS 4031 (Part 3)
12	MECHANICAL- BUILDINGS MATERIALS	Coarse Aggregate	Water Absorption	IS 2386 (Part 3)
13	MECHANICAL- BUILDINGS MATERIALS	Coarse Aggregate	Aggregate Crushing Value (ACV)	IS 2386 (Part 4)
14	MECHANICAL- BUILDINGS MATERIALS	Coarse Aggregate	Aggregate Impact Value (AIV)	IS 2386 (Part 4)
15	MECHANICAL- BUILDINGS MATERIALS	Coarse Aggregate	Bulk Density (Loose/Rodded)	IS 2386 (Part 3)
16	MECHANICAL- BUILDINGS MATERIALS	Coarse Aggregate	Elongation Index	IS 2386 (Part 1)
17	MECHANICAL- BUILDINGS MATERIALS	Coarse Aggregate	Flakiness Index	IS 2386 (Part 1)
18	MECHANICAL- BUILDINGS MATERIALS	Coarse Aggregate	Sieve Analysis (Sieve Size: 63mm to 2.36mm)	IS 2386 (Part 1)

National Accreditation Board for Testing and Calibration Laboratories

SCOPE OF ACCREDITATION

Laboratory Name : GREENLAB INDUSTRIAL AND ENVIRONMENTAL SOLUTIONS PRIVATE LIMITED, 5/240D, GROUND FLOOR, JAS APARTMENTS, PIPELINE, KARIMAKADU MASJID ROAD, THRIKKAKARA, ERNAKULAM, KERALA, INDIA

Accreditation Standard ISO/IEC 17025:2017

Certificate Number TC-11098 **Page No** 2 of 2

Validity 29/10/2022 to 28/10/2024 **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
19	MECHANICAL- BUILDINGS MATERIALS	Coarse Aggregate	Specific Gravity	IS 2386 (Part 3)
20	MECHANICAL- BUILDINGS MATERIALS	Concrete Core	Compressive Strength of Concrete Core	IS 516 (Part 4)
21	MECHANICAL- BUILDINGS MATERIALS	Concrete Cube	Accelerated Cube Compressive Strength	IS 9013
22	MECHANICAL- BUILDINGS MATERIALS	Concrete Cube	Compressive Strength of Cubes	IS 516 (Part 1/Section 1)
23	MECHANICAL- BUILDINGS MATERIALS	Concrete Paving Blocks	Compressive Strength	IS 15658
24	MECHANICAL- BUILDINGS MATERIALS	Concrete Paving Blocks	Water Absorption	IS 15658
25	MECHANICAL- BUILDINGS MATERIALS	Fine Aggregate	Bulk Density (Loose/ Rodded)	IS 2386 (Part 3)
26	MECHANICAL- BUILDINGS MATERIALS	Fine Aggregate	Sieve Analysis (Sieve Size: 10 mm to 0.150mm)	IS 2386 (Part 1)
27	MECHANICAL- BUILDINGS MATERIALS	Fine Aggregate	Specific Gravity	IS 2386 (Part 3)
28	MECHANICAL- BUILDINGS MATERIALS	Fine Aggregate	Water Absorption	IS 2386 (Part 3)
29	MECHANICAL- BUILDINGS MATERIALS	High Strength Deformed Steel Bars and Wires for Concrete Reinforcement	Bend Test	IS 1599
30	MECHANICAL- BUILDINGS MATERIALS	High Strength Deformed Steel Bars and Wires for Concrete Reinforcement	Nominal Mass	IS 1786
31	MECHANICAL- BUILDINGS MATERIALS	High Strength Deformed Steel Bars and Wires for Concrete Reinforcement	Percentage of Elongation	IS 1608 (Part 1)
32	MECHANICAL- BUILDINGS MATERIALS	High Strength Deformed Steel Bars and Wires for Concrete Reinforcement	Rebend Test	IS 1786
33	MECHANICAL- BUILDINGS MATERIALS	High Strength Deformed Steel Bars and Wires for Concrete Reinforcement	Tensile Strength	IS 1608 (Part 1)
34	MECHANICAL- BUILDINGS MATERIALS	High Strength Deformed Steel Bars and Wires for Concrete Reinforcement	Yield Stress	IS 1608 (Part 1)
35	MECHANICAL- BUILDINGS MATERIALS	Hollow & Solid Concrete Blocks	Block Density	IS 2185 (Part 1)
36	MECHANICAL- BUILDINGS MATERIALS	Hollow & Solid Concrete Blocks	Compressive Strength	IS 2185 (Part 1)
37	MECHANICAL- BUILDINGS MATERIALS	Hollow & Solid Concrete Blocks	Water absorption	IS 2185 (Part 1)