National Accreditation Board for Testing and Calibration Laboratories

SCOPE OF ACCREDITATION

Laboratory Name : SOUTHERN STAR TECHNOCLINIC PRIVATE LIMTED, D. NO 9-299, PLOT NO. 162, ROAD NO.12, NEW GAYATHRI NAGAR, RANGA REDDY DISTRICT, TELANGANA, INDIA

Accreditation Standard ISO/IEC 17025:2017

Certificate Number TC-10100 **Page No** 1 of 4

Validity 30/11/2021 to 29/11/2023 **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	Bricks	Compressive strength	IS:3495 - Part 1
2	MECHANICAL- BUILDINGS MATERIALS	Bricks	Water absorption	IS:3495 - part 2
3	MECHANICAL- BUILDINGS MATERIALS	Coarse Aggregate	Aggregate Crushing Value	IS:2386 Part 4
4	MECHANICAL- BUILDINGS MATERIALS	Coarse aggregate	Aggregate Impact value	IS:2386- Part 4
5	MECHANICAL- BUILDINGS MATERIALS	Coarse Aggregate	Bulk Density (Loose & Rodded)	IS:2386 Part 3
6	MECHANICAL- BUILDINGS MATERIALS	Coarse Aggregate	Elongation Index	IS:2386 Part 1
7	MECHANICAL- BUILDINGS MATERIALS	Coarse Aggregate	Flakiness Index	IS:2386- Part 1
8	MECHANICAL- BUILDINGS MATERIALS	Coarse Aggregate	Materials finer than 75 microns	IS:2386 Part 1
9	MECHANICAL- BUILDINGS MATERIALS	Coarse Aggregate	Sieve Analysis (80 mm, 63 mm,40 mm, 20 mm, 16 mm, 12.5mm, 10 mm, 4.75 mm, 2.36mm)	IS:2386 Part 1
10	MECHANICAL- BUILDINGS MATERIALS	Coarse Aggregate	Specific gravity	IS:2386 Part 3
11	MECHANICAL- BUILDINGS MATERIALS	Coarse Aggregate	Water Absorption	IS:2386 Part 3
12	MECHANICAL- BUILDINGS MATERIALS	Concrete Blocks Solid	Block Density	IS:2185 (Part 1) ANNEX -E
13	MECHANICAL- BUILDINGS MATERIALS	Concrete Blocks Solid	Compressive Strength	IS:2185 (Part 1), ANNEX -D
14	MECHANICAL- BUILDINGS MATERIALS	Concrete Blocks Solid	Dimensional Analysis	IS:2185 (Part 1) - ANNEX -B
15	MECHANICAL- BUILDINGS MATERIALS	Concrete Blocks Solid	Water absorption	IS:2185 (Part 1), ANNEX -E
16	MECHANICAL- BUILDINGS MATERIALS	Concrete cores	Compressive strength	1S:516
17	MECHANICAL- BUILDINGS MATERIALS	Concrete Cubes	Compressive strength	1S:516

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18	MECHANICAL- BUILDINGS MATERIALS	Fine Aggregate	Bulk density (Loose & Rodded)	IS:2386 Part 3
19	MECHANICAL- BUILDINGS MATERIALS	Fine Aggregate	Bulking	IS:2386 Part 3
20	MECHANICAL- BUILDINGS MATERIALS	Fine Aggregate	Materials finer than 75 microns	IS:2386- Part 1
21	MECHANICAL- BUILDINGS MATERIALS	Fine Aggregate	Sieve analysis (10 mm, 4.75 mm,2.36 mm, 1.18 mm, 0.6 mm,0.3 mm, 0.15 mm and 0.075mm)	IS:2386- Part 1
22	MECHANICAL- BUILDINGS MATERIALS	Fine Aggregate	Specific gravity	IS:2386 - Part 3
23	MECHANICAL- BUILDINGS MATERIALS	Fine Aggregate	Water absorption	IS:2386- Part 3
24	MECHANICAL- BUILDINGS MATERIALS	Pavers Block	Water Absorption	IS : 15658 – ANNEX - C
25	MECHANICAL- SOIL AND ROCK	Soil	California Bearing Ratio - CBR	IS: 2720 (Part 16)
26	MECHANICAL- SOIL AND ROCK	Soil	Direct Shear Test	IS: 2720 (Part 13)
27	MECHANICAL- SOIL AND ROCK	Soil	Field density by sand replacement method	IS: 2720 (Part 28)
28	MECHANICAL- SOIL AND ROCK	Soil	Free Swell Index	IS: 2720 (Part 40)
29	MECHANICAL- SOIL AND ROCK	Soil	Grain Size Analysis by sieving	IS: 2720 (Part 4)
30	MECHANICAL- SOIL AND ROCK	Soil	Heavy compaction, Maximum Dry density	IS: 2720 (Part 8)
31	MECHANICAL- SOIL AND ROCK	Soil	Light Compaction, Maximum Dry density	IS: 2720 (Part 7)
32	MECHANICAL- SOIL AND ROCK	Soil	Liquid Limit	IS: 2720 (Part 5)
33	MECHANICAL- SOIL AND ROCK	Soil	Moisture Content	IS: 2720 (Part 2)
34	MECHANICAL- SOIL AND ROCK	Soil	Permeability - Falling head test	IS: 2720 (Part 17) , clause 6.0
35	MECHANICAL- SOIL AND ROCK	Soil	Plastic Limit	IS: 2720 (Part 5)

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36	MECHANICAL- SOIL AND ROCK	Soil	Specific Gravity	IS: 2720 (Part 3 by Sec 1)

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Site Facility				
1	MECHANICAL- SOIL AND ROCK	Soil	Field density by core cutter method	IS: 2720 (Part 29)
2	MECHANICAL- SOIL AND ROCK	Soil	Field density by sand replacement method	IS: 2720 (Part 28)
3	NON-DESTRUCTIVE-BUILDING MATERIALS - REINFORCED CONCRETE STRUCTURES	Reinforced Concrete Structures	Carbonation Test	IS: 516(Part 5 sec 3)
4	NON-DESTRUCTIVE-BUILDING MATERIALS - REINFORCED CONCRETE STRUCTURES	Reinforced Concrete Structures	Cover Meter	BS 1881 (Part 204)-
5	NON-DESTRUCTIVE-BUILDING MATERIALS - REINFORCED CONCRETE STRUCTURES	Reinforced Concrete Structures	Half Cell Potential	ASTM C876
6	NON-DESTRUCTIVE-BUILDING MATERIALS - REINFORCED CONCRETE STRUCTURES	Reinforced Concrete Structures	Rebound Hammer	IS: 516(Part 5 sec 4)
7	NON-DESTRUCTIVE-BUILDING MATERIALS - REINFORCED CONCRETE STRUCTURES	Reinforced Concrete Structures	Ultra Pulse Velocity	IS: 516(Part 5 sec 3)