National Accreditation Board for Testing and Calibration Laboratories

SCOPE OF ACCREDITATION

Laboratory Name : TRIPLE STAR DESIGN & TESTING LAB PRIVATE LIMITED, ROAD NO. 1, IQRA COLONY, ALIGARH, UTTAR PRADESH, INDIA

Accreditation Standard ISO/IEC 17025:2017

Certificate Number TC-10449 **Page No** 1 of 5

Validity 29/03/2022 to 28/03/2024 **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 Block	Compressive strength	IS 2185 (part 3)
2	MECHANICAL- BUILDINGS MATERIALS	AAC Block	Density	IS 2185 (part 3)
3	MECHANICAL- BUILDINGS MATERIALS	AAC Block	Dimension	IS 2185 (part 3)
4	MECHANICAL- BUILDINGS MATERIALS	Aggregate extracted from bituminous mix	Sieve Analysis	IS 2386 (part 1)
5	MECHANICAL- BUILDINGS MATERIALS	Bitumen	Ductility	IS 1208
6	MECHANICAL- BUILDINGS MATERIALS	Bitumen	Penetration (1/10mm)	IS 1203
7	MECHANICAL- BUILDINGS MATERIALS	Bituminous material (BC,BM,DBM,SDBC)	Bitumen content	IRC SP 11
8	MECHANICAL- BUILDINGS MATERIALS	Burnt clay Brick	compressive strength	IS 3495 (part 1)
9	MECHANICAL- BUILDINGS MATERIALS	Burnt clay Brick	Dimension (Height)	IS 1077
10	MECHANICAL- BUILDINGS MATERIALS	Burnt clay Brick	Dimension (Length)	IS 1077
11	MECHANICAL- BUILDINGS MATERIALS	Burnt clay Brick	Dimension (Width)	IS 1077
12	MECHANICAL- BUILDINGS MATERIALS	Burnt clay Brick	Efflorescence	IS 3495 (part 3)
13	MECHANICAL- BUILDINGS MATERIALS	Burnt clay Brick	Water Absorption	IS 3495 (part 2)
14	MECHANICAL- BUILDINGS MATERIALS	Cement (OPC)	Compressive Strength	IS 4031 (P-6)
15	MECHANICAL- BUILDINGS MATERIALS	Coarse Aggregate	10% Fine value	IS 2386 (part 4)
16	MECHANICAL- BUILDINGS MATERIALS	Coarse Aggregate	Aggregate Impact value	IS 2386 (part 4)
17	MECHANICAL- BUILDINGS MATERIALS	Coarse Aggregate	Bulk Density (Loose& Compacted)	IS 2386 (part 3)
18	MECHANICAL- BUILDINGS MATERIALS	Coarse Aggregate	Crushing value	IS 2386 (part 4)

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19	MECHANICAL- BUILDINGS MATERIALS	Coarse Aggregate	Elongation Index	IS 2386 (part 1)
20	MECHANICAL- BUILDINGS MATERIALS	Coarse Aggregate	Flakiness Index	IS 2386 (part 1)
21	MECHANICAL- BUILDINGS MATERIALS	Coarse Aggregate	Sieve Analysis (80, 63, 53 ,50, 45, 40, 37.5 ,31.5,26.5, 25, 22.4,20,19,16,13.2,12.5, 11.2, 10, 6.3, 4.75, 2.36, 1.18)	IS 2386 (part 1)
22	MECHANICAL- BUILDINGS MATERIALS	Coarse Aggregate	Specific Gravity	IS 2386 (part 3)
23	MECHANICAL- BUILDINGS MATERIALS	Coarse Aggregate	Water Absorption	IS 2386 (part 3)
24	MECHANICAL- BUILDINGS MATERIALS	Concrete Core	Compressive Strength	IS 516 (Part 4)
25	MECHANICAL- BUILDINGS MATERIALS	Concrete paver Block	Compressive strength	IS 15658 Anx D
26	MECHANICAL- BUILDINGS MATERIALS	Concrete paver Block	Length	IS 15658 Anx B
27	MECHANICAL- BUILDINGS MATERIALS	Concrete paver Block	Thickness	IS 15658 Anx B
28	MECHANICAL- BUILDINGS MATERIALS	Concrete paver Block	Water Absorption %	IS 15658 Anx C
29	MECHANICAL- BUILDINGS MATERIALS	Concrete paver Block	Width	IS 15658 Anx B
30	MECHANICAL- BUILDINGS MATERIALS	Fine Aggregate	Bulk Density (Loose&Compacted)	IS 2386 (part 3)
31	MECHANICAL- BUILDINGS MATERIALS	Fine Aggregate	clay lumps	IS 2386 (part 2)
32	MECHANICAL- BUILDINGS MATERIALS	Fine Aggregate	Materials finer than 75 micron	IS 2386 (part 1)
33	MECHANICAL- BUILDINGS MATERIALS	Fine Aggregate	Sieve Analysis	IS 2386 (part 1)
34	MECHANICAL- BUILDINGS MATERIALS	Fine Aggregate	Specific Gravity	IS 2386 (part 3)
35	MECHANICAL- BUILDINGS MATERIALS	Fine Aggregate	Water Absorption	IS 2386 (part 3)
36	MECHANICAL- BUILDINGS MATERIALS	Fly ash	Specific gravity	IS 1727

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37	MECHANICAL- BUILDINGS MATERIALS	Hardened concrete Cube	Compressive strength	IS 516
38	MECHANICAL- BUILDINGS MATERIALS	OPC	consistency	IS 4031 (part 4)
39	MECHANICAL- BUILDINGS MATERIALS	OPC	DENSITY	IS 4031 (Part 11)
40	MECHANICAL- BUILDINGS MATERIALS	OPC	Final setting time	IS 4031 (part 5)
41	MECHANICAL- BUILDINGS MATERIALS	OPC	Fineness by Air permeability	IS 4031 (part 2)
42	MECHANICAL- BUILDINGS MATERIALS	OPC	Fineness by dry sieving	IS 4031 (part 1)
43	MECHANICAL- BUILDINGS MATERIALS	OPC	Initial setting time	IS 4031 (part 5)
44	MECHANICAL- BUILDINGS MATERIALS	OPC	Soundness by Le-Chatelier	IS 4031 (part 3)
45	MECHANICAL- BUILDINGS MATERIALS	PPC	Compressive strength	IS 4031 (part 6)
46	MECHANICAL- BUILDINGS MATERIALS	PPC	Consistency	IS 4031 (part 4)
47	MECHANICAL- BUILDINGS MATERIALS	PPC	Density	IS 4031 (part 11)
48	MECHANICAL- BUILDINGS MATERIALS	PPC	Final setting time	IS 4031 (part 5)
49	MECHANICAL- BUILDINGS MATERIALS	PPC	Fineness by Air permeability	IS 4031 (part 2)
50	MECHANICAL- BUILDINGS MATERIALS	PPC	Fineness by dry sieving 90 micron	IS 4031 (part 1)
51	MECHANICAL- BUILDINGS MATERIALS	PPC	Initial setting time	IS 4031 (part 5)
52	MECHANICAL- BUILDINGS MATERIALS	PPC	Soundness by Le Chatelier	IS 4031 (part 3
53	MECHANICAL- SOIL AND ROCK	soi	Maximum dry Density by Heavy Compaction	IS 2720 (part 8)
54	MECHANICAL- SOIL AND ROCK	Soil	California Bearing Ratio (CBR)	IS 2720 (part 16)
55	MECHANICAL- SOIL AND ROCK	soil	Grain size Analysis	IS 2720 (part 4)

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56	MECHANICAL- SOIL AND ROCK	soil	Liquid Limit	IS 2720 (part 5)
57	MECHANICAL- SOIL AND ROCK	soil	Maximum dry By Light Compaction	IS 2720 (part 7)
58	MECHANICAL- SOIL AND ROCK	soil	Moisture content	IS 2720 (part 2)
59	MECHANICAL- SOIL AND ROCK	soil	Optimum moisture content by Heavy compaction	IS 2720 (part 8)
60	MECHANICAL- SOIL AND ROCK	soil	Optimum moisture content by Light Compaction	IS 2720 (part 7)
61	MECHANICAL- SOIL AND ROCK	soil	Plastic Limit	IS 2720 (part 5)
62	MECHANICAL- SOIL AND ROCK	soil	Specific gravity	IS 2720 (part 3/ sec 2)
63	MECHANICAL- SOIL AND ROCK	Soil	Tri-axial	IS 2720 (part 12)

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Site Facility				
1	MECHANICAL- SOIL AND ROCK	Soil	Standard Penetration Test (SPT)	IS 2131