National Accreditation Board for Testing and Calibration Laboratories

SCOPE OF ACCREDITATION

Laboratory Name : DC CONSULTANTS (CIVIL ENGINEERING MATERIAL TESTING LABORATORY), VPO: TARAGARH, KANGRA, HIMACHAL PRADESH, INDIA

Accreditation Standard ISO/IEC 17025:2017

Certificate Number TC-10085 **Page No** 1 of 5

Validity 16/11/2021 to 15/11/2023 **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	Bitumen	Ductility	IS 1208
2	MECHANICAL- BUILDINGS MATERIALS	BITUMEN	FIRE POINT	IS 1448(P-69)
3	MECHANICAL- BUILDINGS MATERIALS	BITUMEN	FLASH POINT	IS 1448(P-69)
4	MECHANICAL- BUILDINGS MATERIALS	BITUMEN	PENETRATION	IS 1203
5	MECHANICAL- BUILDINGS MATERIALS	BITUMEN	SOFTNING POINT	IS 1205
6	MECHANICAL- BUILDINGS MATERIALS	BITUMINIOUS MATERIAL	BITUMEN CONTENT	IRC SP-11
7	MECHANICAL- BUILDINGS MATERIALS	BITUMINOUS MATERIAL	DENSITY	IS 2386 (P-3)
8	MECHANICAL- BUILDINGS MATERIALS	BITUMINOUS MATERIAL	SIEVE ANALYSIS	IS 2386 (P-1)
9	MECHANICAL- BUILDINGS MATERIALS	BRICK	COMPRESSIVE STRENGTH	IS 3495 (P-1)
10	MECHANICAL- BUILDINGS MATERIALS	BRICK	EFFLORESCENCE	IS 3495 (P-3)
11	MECHANICAL- BUILDINGS MATERIALS	BRICK	WATER ABSORPTION	IS 3495 (P-2)
12	MECHANICAL- BUILDINGS MATERIALS	Burnt Clay Fly Ash Bricks	DIMENSION-Height	IS 13757
13	MECHANICAL- BUILDINGS MATERIALS	Burnt Clay Fly Ash Bricks	DIMENSION-LENGTH	IS 13757
14	MECHANICAL- BUILDINGS MATERIALS	Burnt Clay Fly Ash Bricks	DIMENSION-Width	IS 13757
15	MECHANICAL- BUILDINGS MATERIALS	CEMENT OPC	COMPRESSIVE STRENGTH	IS 4031 (P-6)
16	MECHANICAL- BUILDINGS MATERIALS	Cement OPC	Consistency	IS4031 P-4
17	MECHANICAL- BUILDINGS MATERIALS	CEMENT OPC	DENSITY	IS 4031(P-11)
18	MECHANICAL- BUILDINGS MATERIALS	CEMENT OPC	FINAL SETTING TIME	IS 4031 (P-5)

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19	MECHANICAL- BUILDINGS MATERIALS	CEMENT OPC	FINENESS	IS 4031 (P-2)
20	MECHANICAL- BUILDINGS MATERIALS	CEMENT OPC	FINENESS BY DRY SIEVING	IS 4031 (P-1)
21	MECHANICAL- BUILDINGS MATERIALS	CEMENT OPC	INITIAL SETTING TIME	IS 4031 (P-5)
22	MECHANICAL- BUILDINGS MATERIALS	CEMENT OPC	SOUNDNESS BY LECHETELIER METHOD	IS 4031 (P-3)
23	MECHANICAL- BUILDINGS MATERIALS	CEMENT PPC	COMPRESSIVE STRENGTH	IS 4031 (P-6)
24	MECHANICAL- BUILDINGS MATERIALS	CEMENT PPC	CONSISTENCY	IS 4031 (P-4)
25	MECHANICAL- BUILDINGS MATERIALS	CEMENT PPC	DRY SIEVING	IS 4031 (P-1)
26	MECHANICAL- BUILDINGS MATERIALS	CEMENT PPC	FINAL SETTING TIME	IS4031 (P-5)
27	MECHANICAL- BUILDINGS MATERIALS	CEMENT PPC	FINENESS	IS 4031 (P-2)
28	MECHANICAL- BUILDINGS MATERIALS	CEMENT PPC	INITIAL SETTING TIME	IS 4031 (P-5)
29	MECHANICAL- BUILDINGS MATERIALS	CEMENT PPC	SOUNDNESS BY LECHETELIER METHOD	IS 4031 (P-3)
30	MECHANICAL- BUILDINGS MATERIALS	COARSE AGGREGATE	10 % Fines Value	IS 2386 (P-4)
31	MECHANICAL- BUILDINGS MATERIALS	COARSE AGGREGATE	Bulk Density	IS 2386 (P-3)
32	MECHANICAL- BUILDINGS MATERIALS	COARSE AGGREGATE	CRUSHING VALUE	IS 2386 (P-4)
33	MECHANICAL- BUILDINGS MATERIALS	COARSE AGGREGATE	Deleterious Material Finer Than 75 Micron	IS 2386 (P-1)
34	MECHANICAL- BUILDINGS MATERIALS	COARSE AGGREGATE	DELITARIOUS MATERIAL CLAY AND LUMPS	IS 2386 (P-2)
35	MECHANICAL- BUILDINGS MATERIALS	COARSE AGGREGATE	ELONGATION INDEX	IS 2386 (P-1)
36	MECHANICAL- BUILDINGS MATERIALS	COARSE AGGREGATE	FLAKINESS INDEX	IS 2386 (P-1)
37	MECHANICAL- BUILDINGS MATERIALS	COARSE AGGREGATE	IMPACT VALUE	IS 2386 (P-4)

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38	MECHANICAL- BUILDINGS MATERIALS	Coarse Aggregate	SIEVE ANALYSIS	IS 2386 (P-1)
39	MECHANICAL- BUILDINGS MATERIALS	COARSE AGGREGATE	SPECIFIC GRAVITY	IS 2386 (P-3)
40	MECHANICAL- BUILDINGS MATERIALS	COARSE AGGREGATE	WATER ABSORPTION	IS 2386 (P-3)
41	MECHANICAL- BUILDINGS MATERIALS	Common Burnt Clay Bricks	DIMENSION-LENGTH	IS 1077
42	MECHANICAL- BUILDINGS MATERIALS	Common Burnt Clay Bricks	DIMENSION-WIDTH	1077
43	MECHANICAL- BUILDINGS MATERIALS	Common Burnt Clay Bricks	DIMENTION-HEIGHT	IS 1077
44	MECHANICAL- BUILDINGS MATERIALS	CONCRETE CORE	COMPRESSIVE STRENGTH	IS 516 (P-4)
45	MECHANICAL- BUILDINGS MATERIALS	CONCRETE CUBE	COMPRESSIVE STRENGTH	IS 516
46	MECHANICAL- BUILDINGS MATERIALS	CONCRETE PAVER BLOCK	COMPRESSIVE STRENGTH	IS 15658
47	MECHANICAL- BUILDINGS MATERIALS	CONCRETE PAVER BLOCK	DIMENSION THICKNESS	IS 15658
48	MECHANICAL- BUILDINGS MATERIALS	Concrete Paver Block	DIMENSION-LENGTH	IS 15658
49	MECHANICAL- BUILDINGS MATERIALS	Concrete Paver Block	DIMENSION-WIDTH	IS 15658
50	MECHANICAL- BUILDINGS MATERIALS	CONCRETE PAVER BLOCK	WATER ABSORPTION	IS 15658
51	MECHANICAL- BUILDINGS MATERIALS	FINE AGGREGATE	BULK DENSITY	IS 2386 (P-3)
52	MECHANICAL- BUILDINGS MATERIALS	FINE AGGREGATE	CLAY AND LUMPS	IS 2386 (P-2)
53	MECHANICAL- BUILDINGS MATERIALS	FINE AGGREGATE	MATERIAL FINER THAN 75 MICRONE	IS 2386 (P-1)
54	MECHANICAL- BUILDINGS MATERIALS	Fine aggregate	SIEVE ANALYSIS	IS 2386 (P-1)
55	MECHANICAL- BUILDINGS MATERIALS	FINE AGGREGATE	SILT CONTENT	As per CPWD Specification
56	MECHANICAL- BUILDINGS MATERIALS	FINE AGGREGATE	SPECIFIC GRAVITY	IS 2386 (P-3)

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57	MECHANICAL- BUILDINGS MATERIALS	FINE AGGREGATE	WATER ABSORPTION	IS 2386 (P-3)
58	MECHANICAL- BUILDINGS MATERIALS	GSB/WBM/WMM	SIEVE ANALYSIS	As per MORTH specification
59	MECHANICAL- SOIL AND ROCK	SOIL	CBR	IS 2720 (P-16)
60	MECHANICAL- SOIL AND ROCK	Soil	Dry Density by Sand Replacement Method	IS 2720 (P-28)
61	MECHANICAL- SOIL AND ROCK	SOIL	LIQUID LIMIT	IS 2720 (P-5)
62	MECHANICAL- SOIL AND ROCK	SOIL	MDD (HEAVY COMPACTION)	IS 2720 (P-8)
63	MECHANICAL- SOIL AND ROCK	Soil	MDD (LIGHT COMPACTION)	IS 2720 (P-7)
64	MECHANICAL- SOIL AND ROCK	Soil	OMC (Heavy Compaction)	IS 2720 (P-7)
65	MECHANICAL- SOIL AND ROCK	SOIL	OMC (Heavy Compaction)	IS 2720 (P-8)
66	MECHANICAL- SOIL AND ROCK	SOIL	PLASTIC LIMIT	IS 2720 (P-5)
67	MECHANICAL- SOIL AND ROCK	SOIL	SIEVE ANALYSIS	IS 2720 (P-4)
68	MECHANICAL- SOIL AND ROCK	Soil	Specific Gravity	IS 12720 (P-3/ SEC 1)
69	MECHANICAL- SOIL AND ROCK	SOIL	WATER CONTENT	IS 2720 (P-2)

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Site Facility				
1	MECHANICAL- SOIL AND ROCK	Soil	Dry Density by Sand Replacement Method	IS 2720 (P-28)