National Accreditation Board for Testing and Calibration Laboratories

SCOPE OF ACCREDITATION

Laboratory Name : S. K. CONSULTANCY & LABORATORY, PLOT NO: 58, CHANDRAGIRI COLONY, TRIMULGHERRY, SECUNDERABAD, TELANGANA, INDIA

Accreditation Standard ISO/IEC 17025:2017

Certificate Number TC-5576 **Page No** 1 of 4

Validity 08/05/2022 to 07/05/2024 **Last Amended on** 23/06/2022

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	PENETRATION	IS 1203
3	MECHANICAL- BUILDINGS MATERIALS	BITUMEN	SOFTENING POINT	IS 1205
4	MECHANICAL- BUILDINGS MATERIALS	BITUMEN	SPECIFIC GRAVITY	IS 1202
5	MECHANICAL- BUILDINGS MATERIALS	BITUMINOUS MIX	BITUMEN CONTENT	IRC SP 11 APPENDIX 5
6	MECHANICAL- BUILDINGS MATERIALS	BITUMINOUS MIX	MARSHAL FLOW	ASTM D 6927
7	MECHANICAL- BUILDINGS MATERIALS	BURNT CLAY BRICKS	COMPRESSIVE STRENGTH	IS 3495 (PART I)
8	MECHANICAL- BUILDINGS MATERIALS	BURNT CLAY BRICKS	DIMENSIONS - HEIGHT	IS 1077
9	MECHANICAL- BUILDINGS MATERIALS	BURNT CLAY BRICKS	DIMENSIONS - LENGTH	IS 1077
10	MECHANICAL- BUILDINGS MATERIALS	BURNT CLAY BRICKS	DIMENSIONS - WIDTH	IS 1077
11	MECHANICAL- BUILDINGS MATERIALS	BURNT CLAY BRICKS	EFFLORESCENCE	IS 3495 (PART III)
12	MECHANICAL- BUILDINGS MATERIALS	BURNT CLAY BRICKS	WATER ABSORPTION	IS 3495 (PART II)
13	MECHANICAL- BUILDINGS MATERIALS	CEMENT	COMPRESSIVE STRENGTH (672±4 HOURS)	IS 4031 (PART VI)
14	MECHANICAL- BUILDINGS MATERIALS	CEMENT	COMPRESSIVE STRENGTH (168±2 HOURS)	IS 4031 (PART VI)
15	MECHANICAL- BUILDINGS MATERIALS	CEMENT	COMPRESSIVE STRENGTH (72±1 HOURS)	IS 4031 (PART VI)
16	MECHANICAL- BUILDINGS MATERIALS	CEMENT	DENSITY	IS 4031 (PART XI)
17	MECHANICAL- BUILDINGS MATERIALS	CEMENT	FINENESS BY BLAINE'S AIR PERMEABILITY	IS 4031 (PART II)
18	MECHANICAL- BUILDINGS MATERIALS	CEMENT	NORMAL CONSISTENCY	IS 4031 (PART IV)

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19	MECHANICAL- BUILDINGS MATERIALS	CEMENT	SETTING TIME (FINAL)	IS 4031 (PART V)
20	MECHANICAL- BUILDINGS MATERIALS	CEMENT	SETTING TIME (INITIAL)	IS 4031 (PART V)
21	MECHANICAL- BUILDINGS MATERIALS	CEMENT	SOUNDNESS BY LE CHATTELIER METHOD	IS 4031 (PART III)
22	MECHANICAL- BUILDINGS MATERIALS	COARSE AGGREGATE	BULK DENSITY	IS 2386 (PART III)
23	MECHANICAL- BUILDINGS MATERIALS	COARSE AGGREGATE	CRUSHING VALUE	IS 2386 (PART IV)
24	MECHANICAL- BUILDINGS MATERIALS	COARSE AGGREGATE	ELONGATION INDEX	IS 2386 (PART I)
25	MECHANICAL- BUILDINGS MATERIALS	COARSE AGGREGATE	FLAKINESS INDEX	IS 2386 (PART I)
26	MECHANICAL- BUILDINGS MATERIALS	COARSE AGGREGATE	IMPACT VALUE	IS 2386 (PART IV)
27	MECHANICAL- BUILDINGS MATERIALS	COARSE AGGREGATE	LOS ANGELES ABRASION VALUE	IS 2386 (PART IV)
28	MECHANICAL- BUILDINGS MATERIALS	COARSE AGGREGATE	SIEVE ANALYSIS	IS 2386 (PART I)
29	MECHANICAL- BUILDINGS MATERIALS	COARSE AGGREGATE	SPECIFIC GRAVITY	IS 2386 (PART III)
30	MECHANICAL- BUILDINGS MATERIALS	COARSE AGGREGATE	WATER ABSORPTION	IS 2386 (PART III)
31	MECHANICAL- BUILDINGS MATERIALS	COARSE AGGREGATES	10% FINES VALUE	IS 2386 (PART IV)
32	MECHANICAL- BUILDINGS MATERIALS	CONCRETE PAVING BLOCKS	COMPRESSIVE STRENGTH	IS 15658
33	MECHANICAL- BUILDINGS MATERIALS	CONCRETE PAVING BLOCKS	WATER ABSORPTION	IS 15658
34	MECHANICAL- BUILDINGS MATERIALS	FINE AGGREGATE	BULK DENSITY	IS 2386 (PART III)
35	MECHANICAL- BUILDINGS MATERIALS	FINE AGGREGATE	MATERIALS FINER THAN 75 MICRONS	IS 2386 (PART I)
36	MECHANICAL- BUILDINGS MATERIALS	FINE AGGREGATE	SIEVE ANALYSIS	IS 2386 (PART I)
37	MECHANICAL- BUILDINGS MATERIALS	FINE AGGREGATE	SPECIFIC GRAVITY	IS 2386 (PART III)

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38	MECHANICAL- BUILDINGS MATERIALS	FINE AGGREGATE	WATER ABSORPTION	IS 2386 (PART III)
39	MECHANICAL- BUILDINGS MATERIALS	HARDENED CONCRETE	COMPRESSIVE STRENGTH	IS 516
40	MECHANICAL- BUILDINGS MATERIALS	HARDENED CONCRETE	FLEXURAL STRENGTH	IS 516
41	MECHANICAL- BUILDINGS MATERIALS	HOLLOW & SOLID CONCRETE BLOCK	BLOCK DENSITY	IS 2185 (PART I)
42	MECHANICAL- BUILDINGS MATERIALS	HOLLOW & SOLID CONCRETE BLOCK	COMPRESSIVE STRENGTH	IS 2185 (PART I)
43	MECHANICAL- BUILDINGS MATERIALS	HOLLOW & SOLID CONCRETE BLOCK	WATER ABSORPTION	IS 2185 (PART I)
44	MECHANICAL- BUILDINGS MATERIALS	HOLLOW & SOLID LIGHT WEIGHT CONCRETE BLOCK	COMPRESSIVE STRENGTH	IS 2185 (PART II)
45	MECHANICAL- BUILDINGS MATERIALS	HOLLOW & SOLID LIGHT WEIGHT CONCRETE BLOCK	WATER ABSORPTION	IS 2185 (PART II)
46	MECHANICAL- SOIL AND ROCK	ROCK	BRAZILIAN STRENGTH	IS 10082
47	MECHANICAL- SOIL AND ROCK	ROCK	DENSITY	IS 13030
48	MECHANICAL- SOIL AND ROCK	ROCK	POINT LOAD INDEX	IS 8764
49	MECHANICAL- SOIL AND ROCK	ROCK	SLAKE DURABILITY	IS 10050
50	MECHANICAL- SOIL AND ROCK	ROCK	UNCONFINED COMPRESSIVE STRENGTH	IS 9143
51	MECHANICAL- SOIL AND ROCK	ROCK	WATER ABSORPTION	IS 13030
52	MECHANICAL- SOIL AND ROCK	SOIL	CBR TEST	IS 2720 (PART XVI)
53	MECHANICAL- SOIL AND ROCK	SOIL	CONSOLIDATION	IS 2720 (PART XV)
54	MECHANICAL- SOIL AND ROCK	SOIL	DIRECT SHEAR - ANGLE OF SHEAR RESISTANCE (Ø)	IS 2720 (PART XIII)
55	MECHANICAL- SOIL AND ROCK	SOIL	DIRECT SHEAR - COHESION (C)	IS 2720 (PART XIII)
56	MECHANICAL- SOIL AND ROCK	SOIL	FREE SWELL INDEX	IS 2720 (PART XXXX)

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57	MECHANICAL- SOIL AND ROCK	SOIL	GRAIN SIZE ANALYSIS (75 mm to 2 mm)	IS 2720 (PART IV)
58	MECHANICAL- SOIL AND ROCK	SOIL	HEAVY COMPACTION - MDD	IS 2720 (PART VIII)
59	MECHANICAL- SOIL AND ROCK	SOIL	HEAVY COMPACTION - OMC	IS 2720 (PART VIII)
60	MECHANICAL- SOIL AND ROCK	SOIL	LIGHT COMPACTION - MDD	IS 2720 (PART VII)
61	MECHANICAL- SOIL AND ROCK	SOIL	LIGHT COMPACTION - OMC	IS 2720 (PART VII)
62	MECHANICAL- SOIL AND ROCK	SOIL	LIQUID LIMIT	IS 2720 (PART V)
63	MECHANICAL- SOIL AND ROCK	SOIL	PLASTIC LIMIT	IS 2720 (PART V)
64	MECHANICAL- SOIL AND ROCK	SOIL	SPECIFIC GRAVITY	IS 2720 (PART III SEC 1 & 2)
65	MECHANICAL- SOIL AND ROCK	SOIL	TRIAXIAL TEST - ANGLE OF SHEAR RESISTANCE (Ø)	IS 2720 (PART XI)
66	MECHANICAL- SOIL AND ROCK	SOIL	TRIAXIAL TEST - COHESION (C)	IS 2720 (PART XI)
67	MECHANICAL- SOIL AND ROCK	SOIL	UNCONFINED COMPRESSION STRENGTH - COHESION (C)	IS 2720 (PART X)
68	MECHANICAL- SOIL AND ROCK	SOIL	WATER CONTENT	IS 2720 (PART II)