National Accreditation Board for Testing and Calibration Laboratories

SCOPE OF ACCREDITATION

Laboratory Name : NAKALANK ENTERPRISE, SHERI NO. 02, SHREEBAI SOCIETY, NARSANG TEKRI, GALIYAWAD ROAD, TALALA, GIR SOMNATH, GUJARAT, INDIA

Accreditation Standard ISO/IEC 17025:2017

Certificate Number TC-10188 **Page No** 1 of 3

Validity 03/01/2022 to 02/01/2024 **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	Bitumen	Absolute Viscosity	IS 1206 (Part 2)
2	MECHANICAL- BUILDINGS MATERIALS	Bitumen	Ductility	IS 1208
3	MECHANICAL- BUILDINGS MATERIALS	Bitumen	Kinematics Viscosity	IS 1206 (Part 3)
4	MECHANICAL- BUILDINGS MATERIALS	Bitumen	Loss on Heating	IS 1212
5	MECHANICAL- BUILDINGS MATERIALS	Bitumen	Penetration	IS 1203
6	MECHANICAL- BUILDINGS MATERIALS	Bitumen	Softening point	IS 1205
7	MECHANICAL- BUILDINGS MATERIALS	Bitumen	Specific gravity	IS 1202
8	MECHANICAL- BUILDINGS MATERIALS	Bitumenous Mix	Flow Test	ASTM D6927
9	MECHANICAL- BUILDINGS MATERIALS	Bitumenous Mix	Marshall Stability	ASTM D6927
10	MECHANICAL- BUILDINGS MATERIALS	Bituminous Concrete Mix	Binder content	IRC SP 11
11	MECHANICAL- BUILDINGS MATERIALS	Bituminous Concrete Mix	Density of the mix	ASTM D2726
12	MECHANICAL- BUILDINGS MATERIALS	Burnt clay bricks and Fly ash bricks	Compressive Strength	IS 3495 (Part 1)
13	MECHANICAL- BUILDINGS MATERIALS	Burnt clay bricks and Fly ash bricks	Dimension (Width)	IS 1077
14	MECHANICAL- BUILDINGS MATERIALS	Burnt clay bricks and Fly ash bricks	Dimension Height	IS 1077
15	MECHANICAL- BUILDINGS MATERIALS	Burnt clay bricks and Fly ash bricks	Dimension Length	IS 1077
16	MECHANICAL- BUILDINGS MATERIALS	Burnt clay bricks and Fly ash bricks	Efflorescence	IS 3495 (Part 3)
17	MECHANICAL- BUILDINGS MATERIALS	Burnt clay bricks and Fly ash bricks	Water absorption	IS 3495 (Part 2)
18	MECHANICAL- BUILDINGS MATERIALS	Cement	Compressive strength	IS 4031 (Part 6)

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19	MECHANICAL- BUILDINGS MATERIALS	Cement	Consistency	IS 4031 (Part 4)
20	MECHANICAL- BUILDINGS MATERIALS	Cement	Final setting times	IS 4031 (Part 5)
21	MECHANICAL- BUILDINGS MATERIALS	Cement	Fineness by Blaine air permeability	IS 4031 (Part 2)
22	MECHANICAL- BUILDINGS MATERIALS	Cement	Fineness by dry sieving (% retained)	IS 4031 (Part 1), Clause 5
23	MECHANICAL- BUILDINGS MATERIALS	Cement	Initial setting time	IS 4031 (Part 5)
24	MECHANICAL- BUILDINGS MATERIALS	Cement	Soundness by Le chatelier methods	IS 4031 (Part 3), Clause 5
25	MECHANICAL- BUILDINGS MATERIALS	Coarse Aggregate	10%Fines Value	IS 2386 (Part-4)
26	MECHANICAL- BUILDINGS MATERIALS	Coarse Aggregate	Crushing Value	IS 2386 (Part 4)
27	MECHANICAL- BUILDINGS MATERIALS	Coarse Aggregate	Elongation Index	IS 2386 (Part-1)
28	MECHANICAL- BUILDINGS MATERIALS	Coarse Aggregate	Flakiness Index	IS 2386 (Part 1)
29	MECHANICAL- BUILDINGS MATERIALS	Coarse Aggregate	Impact Value	IS 2386 (Part 4)
30	MECHANICAL- BUILDINGS MATERIALS	Coarse Aggregate	Los Angeles abrasion value	IS 2386 (Part-4)
31	MECHANICAL- BUILDINGS MATERIALS	Coarse Aggregate	Sieve Analysis (4.75 mm to 125 mm)	IS 2386 (Part 1)
32	MECHANICAL- BUILDINGS MATERIALS	Coarse Aggregate	Specific Gravity	IS 2386 (Part 3)
33	MECHANICAL- BUILDINGS MATERIALS	Coarse Aggregate	Water Absorption	IS 2386 (Part 3)
34	MECHANICAL- BUILDINGS MATERIALS	Concrete(Hardened), Cube, Cylinder, Core, Beam	Compressive Strength of Cube	IS 516 (Part-1), Sec-1
35	MECHANICAL- BUILDINGS MATERIALS	Concrete(Hardened), Cube, Cylinder, Core, Beam	Slump Test	IS 1199 (Part-2)
36	MECHANICAL- BUILDINGS MATERIALS	Fine Aggregate	Material Finer than 75 micron	IS 2386 (Part 1)
37	MECHANICAL- BUILDINGS MATERIALS	Fine Aggregate	Sieve Analysis (75 micron to 4.75 mm)	IS 2386 (Part 1)

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38	MECHANICAL- BUILDINGS MATERIALS	Fine Aggregate	Specific Gravity	IS 2386 (Part 3)
39	MECHANICAL- BUILDINGS MATERIALS	Fine Aggregate	Water Absorption	IS 2386 (Part 3)
40	MECHANICAL- BUILDINGS MATERIALS	Paver Block	Water Absorption	IS 15658
41	MECHANICAL- BUILDINGS MATERIALS	Paver Blocks	Compressive Strength	IS 15658
42	MECHANICAL- SOIL AND ROCK	Soil	California Bearing ratio	IS 2720 (Part 16)
43	MECHANICAL- SOIL AND ROCK	Soil	Direct Shear test (Angle)	IS 2720 (Part 13)
44	MECHANICAL- SOIL AND ROCK	Soil	Direct Shear test (Cohesion)	IS 2720 (Part 13)
45	MECHANICAL- SOIL AND ROCK	Soil	Free Swell Index	IS 2720 (Part- 40)
46	MECHANICAL- SOIL AND ROCK	Soil	Grain Size Analysis Clay (75 micron to 10 mm)	IS 2720 (Part-4)
47	MECHANICAL- SOIL AND ROCK	Soil	Grain Size Analysis, Silt & Clay	IS 2720 (Part-4)
48	MECHANICAL- SOIL AND ROCK	Soil	Heavy Compaction (MDD)	IS 2720 (Part 8)
49	MECHANICAL- SOIL AND ROCK	Soil	Heavy Compaction (OMC)	IS 2720 (Part 8)
50	MECHANICAL- SOIL AND ROCK	Soil	Light Compaction (MDD)	IS 2720 (Part 7)
51	MECHANICAL- SOIL AND ROCK	Soil	Light Compaction (OMC)	IS 2720 (Part 27)
52	MECHANICAL- SOIL AND ROCK	Soil	Liquid Limit	IS 2720 (Part 5)
53	MECHANICAL- SOIL AND ROCK	Soil	Plastic Limit	IS 2720 (Part 5)
54	MECHANICAL- SOIL AND ROCK	Soil	Shrinkage Limit	IS:2720 (Part 6)
55	MECHANICAL- SOIL AND ROCK	Soil	Specific Gravity	IS 2720 (Part 3)
56	MECHANICAL- SOIL AND ROCK	Soil (75 µm to 40 mm)	Gradation (75 micron to 40 mm)	IS 2720 (Part 4)