National Accreditation Board for Testing and Calibration Laboratories

SCOPE OF ACCREDITATION

Laboratory Name : ANANDJIWALA TECHNICAL CONSULTANCY, P-119, MIDC INDUSTRIAL AREA, HINGNA , WADI NAGPUR, NAGPUR, MAHARASHTRA, INDIA

Accreditation Standard ISO/IEC 17025:2017

Certificate Number TC-8586 **Page No** 1 of 4

Validity 01/04/2022 to 31/03/2024 **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	CHEMICAL- BUILDING MATERIAL	Admixture	Ash Content	IS 9103
2	CHEMICAL- BUILDING MATERIAL	Admixture	Chloride	IS 6925
3	CHEMICAL- BUILDING MATERIAL	Admixture	Dry Material Content	IS 9103
4	CHEMICAL- BUILDING MATERIAL	Admixture	pH	IS 9103
5	CHEMICAL- BUILDING MATERIAL	Admixture	Relative Density	IS 9103
6	CHEMICAL- SOIL AND ROCK	Soil	Chloride (Water soluble)	BS 1377 (Part 3)
7	CHEMICAL- SOIL AND ROCK	Soil	Organic Matter	IS 2720 (Part 22)
8	CHEMICAL- SOIL AND ROCK	Soil	pH	IS 2720 (Part-26)
9	CHEMICAL- SOIL AND ROCK	Soil	Sulphate as SO3	IS 2720 (Part 27)
10	CHEMICAL- WATER	Water	Acidity	IS 3025 (Part 22)
11	CHEMICAL- WATER	Water	Alkalinity	IS 3025 (Part 23)
12	CHEMICAL- WATER	Water	Chloride	IS 3025 (Part 32)
13	CHEMICAL- WATER	Water	pH	IS 3025 (Part-11)
14	CHEMICAL- WATER	Water	Sulphate as SO3	IS 3025 (Part 24)
15	MECHANICAL- BUILDINGS MATERIALS	Bricks	Compressive Strength	IS 3495 (Part 1)
16	MECHANICAL- BUILDINGS MATERIALS	Bricks	Dimension: Height	IS 1077
17	MECHANICAL- BUILDINGS MATERIALS	Bricks	Dimension: Length	IS 1077
18	MECHANICAL- BUILDINGS MATERIALS	Bricks	Dimension: Width	IS 1077
19	MECHANICAL- BUILDINGS MATERIALS	Bricks	Efflorescence	IS 3495 (Part 3)
20	MECHANICAL- BUILDINGS MATERIALS	Bricks	Water Absorption	IS 3495 (Part 2)

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21	MECHANICAL- BUILDINGS MATERIALS	Cement	Compressive Strength (168 hours)	IS 4031 (Part 6)
22	MECHANICAL- BUILDINGS MATERIALS	Cement	Compressive Strength (672 hrs)	IS 4031 (Part 6)
23	MECHANICAL- BUILDINGS MATERIALS	Cement	Compressive Strength (72 hours)	IS 4031 (Part 6)
24	MECHANICAL- BUILDINGS MATERIALS	Cement	Consistency	IS 4031 (Part 4)
25	MECHANICAL- BUILDINGS MATERIALS	Cement	Density	IS 4031 (Part 11)
26	MECHANICAL- BUILDINGS MATERIALS	Cement	Final Setting Time	IS 4031 (Part 5)
27	MECHANICAL- BUILDINGS MATERIALS	Cement	Initial Setting Time	IS 4031 (Part 5)
28	MECHANICAL- BUILDINGS MATERIALS	Cement	Soundness by Le- Chatelier Method	IS 4031 (Part 3)
29	MECHANICAL- BUILDINGS MATERIALS	Coarse Aggregate	Abrasion Value	IS 2386 (Part 4)
30	MECHANICAL- BUILDINGS MATERIALS	Coarse Aggregate	Crushing Value	IS 2386 (Part 4)
31	MECHANICAL- BUILDINGS MATERIALS	Coarse Aggregate	Elongation Index	IS 2386 (Part 1)
32	MECHANICAL- BUILDINGS MATERIALS	Coarse Aggregate	Flakiness Index	IS 2386 (Part 1)
33	MECHANICAL- BUILDINGS MATERIALS	Coarse Aggregate	Grading (Sieve Analysis)	IS 2386 (Part 1)
34	MECHANICAL- BUILDINGS MATERIALS	Coarse Aggregate	Impact Value	IS 2386 (Part 4)
35	MECHANICAL- BUILDINGS MATERIALS	Coarse Aggregate	Specific Gravity	IS 2386 (Part 3)
36	MECHANICAL- BUILDINGS MATERIALS	Coarse Aggregate	Water Absorption	IS 2386 (Part 3)
37	MECHANICAL- BUILDINGS MATERIALS	Concrete Cube	Compressive Strength	IS 516
38	MECHANICAL- BUILDINGS MATERIALS	Fine Aggregate	Bulk Density	IS 2386 (Part 3)
39	MECHANICAL- BUILDINGS MATERIALS	Fine Aggregate	Grading (Sieve Analysis)	IS 2386 (Part 1)

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40	MECHANICAL- BUILDINGS MATERIALS	Fine Aggregate	Specific Gravity by Pyknometer Method	IS 2386 (Part 3)
41	MECHANICAL- BUILDINGS MATERIALS	Fine Aggregate	Water Absorption	IS 2386 (Part 3)
42	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Reinforcement Steel	Elongation	IS 1608 (Part 1)
43	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Reinforcement Steel	Mass per Meter	IS 1786
44	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Reinforcement Steel	Tensile Strength	IS 1608 (Part 1)
45	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Reinforcement Steel	TS/YS Ratio	IS 1786
46	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Reinforcement Steel	Yield Stress	IS 1608 (Part 1)
47	MECHANICAL- SOIL AND ROCK	Rocks	Bulk Density	IS 13030
48	MECHANICAL- SOIL AND ROCK	Rocks	Compressive Strength	IS 9143
49	MECHANICAL- SOIL AND ROCK	Rocks	Water Absorption	IS 13030
50	MECHANICAL- SOIL AND ROCK	Soil	California Bearing Ratio (CBR)	IS 2720 (Part 16)
51	MECHANICAL- SOIL AND ROCK	Soil	Direct Shear Test	IS 2720 (Part 13)
52	MECHANICAL- SOIL AND ROCK	Soil	Free Swell Index	IS 2720 (Part 40)
53	MECHANICAL- SOIL AND ROCK	Soil	Heavy Compaction- MDD	IS 2720 (Part 8)
54	MECHANICAL- SOIL AND ROCK	soil	Heavy Compaction -OMC	IS 2720 (Part 8)
55	MECHANICAL- SOIL AND ROCK	Soil	Hydrometer	IS 2720 (Part 4)
56	MECHANICAL- SOIL AND ROCK	Soil	Light Compaction -OMC	IS 2720 (Part 7)

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57	MECHANICAL- SOIL AND ROCK	Soil	Light Compaction-MDD	IS 2720 (Part 7)
58	MECHANICAL- SOIL AND ROCK	Soil	Liquid Limit (Mechanical Method)	IS 2720 (Part 5)
59	MECHANICAL- SOIL AND ROCK	Soil	Moisture Content (Oven Dried Method)	IS 2720 (Part 2)
60	MECHANICAL- SOIL AND ROCK	Soil	Plastic Limit	IS 2720 (Part 5)
61	MECHANICAL- SOIL AND ROCK	Soil	Shrinkage Limit	IS 2720 (Part 6)
62	MECHANICAL- SOIL AND ROCK	Soil	Sieve Analysis (Dry and Wet)	IS 2720 (Part 4)
63	MECHANICAL- SOIL AND ROCK	Soil	Specific Gravity	IS 2720 (Part 3/Section 1)
64	MECHANICAL- SOIL AND ROCK	Soil	Unconfined Compressive Strength	IS 2720 (Part 10)