National Accreditation Board for Testing and Calibration Laboratories

SCOPE OF ACCREDITATION

Laboratory Name : AAKAR ABHINAV CONSULTANTS PRIVATE LIMITED, KUKREJA CENTRE,PLOT NO 13, SECTOR 11, CBD BELAPUR, NAVI MUMBAI, MAHARASHTRA, INDIA

Accreditation Standard ISO/IEC 17025:2017

Certificate Number TC-8663 **Page No** 1 of 3

Validity 26/09/2021 to 25/09/2023 **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	Concrete Chequered Tiles	Measurement of Dimensions	IS 13801
2	MECHANICAL- BUILDINGS MATERIALS	Concrete Chequered Tiles	Water Absorption	IS 13801
3	MECHANICAL- BUILDINGS MATERIALS	fine aggregate	Specific gravity(fine aggregate)	IS 2386(partIII)
4	MECHANICAL- BUILDINGS MATERIALS	Fly Ash Bricks	Measurement of dimensions	IS 13757
5	MECHANICAL- BUILDINGS MATERIALS	aggregate	aggregate crushing value	IS 2386 (part IV)
6	MECHANICAL- BUILDINGS MATERIALS	Aggregate	Bulk density(loose and rodded)	IS 2386(part III)
7	MECHANICAL- BUILDINGS MATERIALS	Aggregate	Elongation Index	IS 2386(part-I)
8	MECHANICAL- BUILDINGS MATERIALS	Aggregate	Flakiness Index	IS 2386(part-I)
9	MECHANICAL- BUILDINGS MATERIALS	Clay Bricks	Measurement of dimensions	IS 1077
10	MECHANICAL- BUILDINGS MATERIALS	Clay Bricks, Fly Ash Bricks	Water Absorption	IS 3495 (Part-2)
11	MECHANICAL- BUILDINGS MATERIALS	Clay Bricks, Fly Ash Bricks	Efflorescence	IS 3495 (Part:3)
12	MECHANICAL- BUILDINGS MATERIALS	Clay Bricks, Fly Ash Bricks	Compressive Strength	IS 3495 (Part-1)
13	MECHANICAL- BUILDINGS MATERIALS	Coarse Aggregate	10 % Fine Value	IS 2386 (Part 4)
14	MECHANICAL- BUILDINGS MATERIALS	Coarse Aggregate	Specific Gravity	IS 2386(part III)
15	MECHANICAL- BUILDINGS MATERIALS	coarse Aggregate, GSB WMM	Aggregate Impact Value	IS 2386(part-IV)
16	MECHANICAL- BUILDINGS MATERIALS	Coarse Aggregate, GSB, WMM	Sieve Analysis	IS 2386(part-I)
17	MECHANICAL- BUILDINGS MATERIALS	Coarse Aggregate, GSB,WMM	Water Absorption	IS 2386(part III)
18	MECHANICAL- BUILDINGS MATERIALS	Concrete Beam	Flexural Strength	IS 516

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19	MECHANICAL- BUILDINGS MATERIALS	Concrete Core	Compressive Strength	IS 516 (Part 4)
20	MECHANICAL- BUILDINGS MATERIALS	Concrete Cube	Compressive Strength	IS: 516
21	MECHANICAL- BUILDINGS MATERIALS	Concrete Paving Block	Compressive Strength	IS 15658
22	MECHANICAL- BUILDINGS MATERIALS	Concrete Paving Block	Measurement of dimensions	IS 15658
23	MECHANICAL- BUILDINGS MATERIALS	Concrete Paving Block	Water Absorption	IS 15658
24	MECHANICAL- BUILDINGS MATERIALS	Fine Aggregate	Bulk Density(Loose and Rodded)	IS 2386(part-III)
25	MECHANICAL- BUILDINGS MATERIALS	Fine Aggregate	Sieve Analysis	IS 2386(part-I)
26	MECHANICAL- BUILDINGS MATERIALS	Fine Aggregate	Water Absorption	IS 2386(part III)
27	MECHANICAL- SOIL AND ROCK	Rock	Point load index	IS 8764
28	MECHANICAL- SOIL AND ROCK	Rock	porosity	IS 13030
29	MECHANICAL- SOIL AND ROCK	Rock	specific gravity(rock)	IS 13030
30	MECHANICAL- SOIL AND ROCK	Rock	unconfined compression test	IS 9143
31	MECHANICAL- SOIL AND ROCK	Rock	water content	IS 13030
32	MECHANICAL- SOIL AND ROCK	Rock	wet/dry density	IS 13030
33	MECHANICAL- SOIL AND ROCK	soil, GSB	CBR	IS 2720(part 16)
34	MECHANICAL- SOIL AND ROCK	soil, GSB	Partical size analysis by hydrometer	IS 2720(part4)
35	MECHANICAL- SOIL AND ROCK	Soil, GSB	water content	IS 2720(part II)
36	MECHANICAL- SOIL AND ROCK	Soil, GSB, WMM	liquid limit	IS 2720(part 5)
37	MECHANICAL- SOIL AND ROCK	soil, GSB, WMM	Modified proctor compaction-optimum moisture content	IS 2720(part 8)

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38	MECHANICAL- SOIL AND ROCK	soil, GSB, WMM	Modified proctor -maximum dry density	IS 2720 (Part 8)
39	MECHANICAL- SOIL AND ROCK	Soil, GSB, WMM	plastic limit	IS 2720(part5)
40	MECHANICAL- SOIL AND ROCK	soil, Moorum	Free swell index	IS 2720(part 40)
41	MECHANICAL- SOIL AND ROCK	soil, Moorum	Grain size analysis	IS 2720(part 4)
42	MECHANICAL- SOIL AND ROCK	soil, Moorum	shrinkage limit	IS 2720 (part6)
43	MECHANICAL- SOIL AND ROCK	Soil, Moorum	Specific Gravity(soil)	IS 2720 (part III/sec1)
44	MECHANICAL- SOIL AND ROCK	soil, Moorum	standerd procter compaction-optimum moisture content	IS 2720(part VII)
45	MECHANICAL- SOIL AND ROCK	soil, Moorum	standerd proctor compaction-maximum dry density	IS 2720(Part VII)
46	MECHANICAL- SOIL AND ROCK	Stones	Specific Gravity	IS 1122
47	MECHANICAL- SOIL AND ROCK	stones	Water Absorption	IS 1124