National Accreditation Board for Testing and Calibration Laboratories

SCOPE OF ACCREDITATION

Laboratory Name : AARVEE ASSOCIATES ARCHITECTS ENGINEERS & CONSULTANTS PRIVATE LIMITED, SHED NO 17, TYPE-III, INDUSTRIAL ESTATE, PRASANTHI NAGAR, HYDERABAD, TELANGANA, INDIA

Accreditation Standard ISO/IEC 17025:2017

Certificate Number TC-9799 **Page No** 1 of 3

Validity 27/08/2021 to 26/08/2023 **Last Amended on** 26/05/2023

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	Coarse Aggregate	Aggregate Impact Value	IS 2386(Part IV)
2	MECHANICAL- BUILDINGS MATERIALS	Coarse Aggregate	Specific Gravity	IS 2386 (Part III)
3	MECHANICAL- BUILDINGS MATERIALS	Coarse Aggregate	Water Absorption	IS 2386 (Part III)
4	MECHANICAL- BUILDINGS MATERIALS	Fine Aggregate	Sieve analysis (10mm, 4.75mm, 2.36mm, 1.18 mm, 0.6 mm, 0.3 mm, 0.15 mm and 0.075 mm)	IS 2386, Part I & IS 383
5	MECHANICAL- BUILDINGS MATERIALS	Fine Aggregate	Specific Gravity	IS 2386 (Part III)
6	MECHANICAL- BUILDINGS MATERIALS	Fine Aggregate	Water Absorption	IS 2386 (Part III)
7	MECHANICAL- SOIL AND ROCK	Rock	Point Load Strength Index	IS 8764
8	MECHANICAL- SOIL AND ROCK	Rock	Porosity	IS 13030
9	MECHANICAL- SOIL AND ROCK	Rock	Relative density	IS 13030
10	MECHANICAL- SOIL AND ROCK	Rock	Specific Gravity	IS 1124
11	MECHANICAL- SOIL AND ROCK	Rock	Uniaxial Compression Strength Test	IS:9143
12	MECHANICAL- SOIL AND ROCK	Rock	Water Absorption	IS 1124
13	MECHANICAL- SOIL AND ROCK	Rock	Water Content	IS 13030
14	MECHANICAL- SOIL AND ROCK	Soil	California Bearing Ratio	AASHTO T-193
15	MECHANICAL- SOIL AND ROCK	Soil	California Bearing Ratio	IS 2720(Part XVI)
16	MECHANICAL- SOIL AND ROCK	Soil	Consolidation (Cv)	IS 2720(Part XV)
17	MECHANICAL- SOIL AND ROCK	Soil	Consolidation	IS 2720(Part XV)

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18	MECHANICAL- SOIL AND ROCK	Soil	Direct shear Test (Angle of Internal Friction)	IS 2720(Part XIII)
19	MECHANICAL- SOIL AND ROCK	Soil	Direct Shear Test (Cohesion)	IS 2720(Part XIII)
20	MECHANICAL- SOIL AND ROCK	Soil	Dry Density by Heavy Compaction (MDD)	IS 2720(Part VIII)
21	MECHANICAL- SOIL AND ROCK	Soil	Dry Density by Light Compaction (MDD)	IS 2720(Part VII)
22	MECHANICAL- SOIL AND ROCK	Soil	Dry Density of Soil by Core-Cutter Method	IS 2720(Part XXIX)
23	MECHANICAL- SOIL AND ROCK	Soil	Dry Density of Soil by Sand Replacement Method	IS 2720(Part XXVIII)
24	MECHANICAL- SOIL AND ROCK	Soil	Free Swell Index	IS 2720(Part XL)
25	MECHANICAL- SOIL AND ROCK	Soil	Grain Size Analysis- 10 mm to 75 microns	IS 2720(Part IV)
26	MECHANICAL- SOIL AND ROCK	Soil	Hydrometer Analysis	IS 2720(Part IV) Sec 5.2
27	MECHANICAL- SOIL AND ROCK	Soil	Liquid Limit	IS 2720(Part V)
28	MECHANICAL- SOIL AND ROCK	Soil	Moisture Content by Heavy Compaction (OMC)	IS 2720(Part VIII)
29	MECHANICAL- SOIL AND ROCK	Soil	Moisture Content by Light Compaction (OMC)	IS 2720(Part VII)
30	MECHANICAL- SOIL AND ROCK	Soil	Moisture Content	IS 2720(Part II)
31	MECHANICAL- SOIL AND ROCK	Soil	Permeability of Soil	IS 2720(Part XVII)
32	MECHANICAL- SOIL AND ROCK	Soil	Plastic Limit	IS 2720(Part V)
33	MECHANICAL- SOIL AND ROCK	Soil	Shrinkage Limit	IS 2720 (Part VI)
34	MECHANICAL- SOIL AND ROCK	Soil	Specific Gravity of Soil	IS 2720(Part III)
35	MECHANICAL- SOIL AND ROCK	Soil	Triaxial Test(CU Test) - Angle of friction	IS 2720(Part XII)
36	MECHANICAL- SOIL AND ROCK	Soil	Triaxial Test(CU Test) - Cohesion	IS 2720(Part XII)

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37	MECHANICAL- SOIL AND ROCK	Soil	Triaxial Test(UU Test) - Angle of friction	IS 2720(Part XI)
38	MECHANICAL- SOIL AND ROCK	Soil	Triaxial Test(UU Test) Cohesion	IS 2720(Part XI)
39	MECHANICAL- SOIL AND ROCK	Soil	Unconfined Compressive Strength	IS 2720(Part X)