National Accreditation Board for Testing and Calibration Laboratories

SCOPE OF ACCREDITATION

Laboratory Name : ANANDJIWALA TECHNICAL CONSULTANCY (SOIL AND MATERIAL TESTING LABORATORY), 9, SHIVARNAJNI SHOPPING CENTER, 132 FEET RING ROAD, SATELLITE, AHMEDABAD, GUJARAT, INDIA

Accreditation Standard ISO/IEC 17025:2017

Certificate Number TC-7840 **Page No** 1 of 5

Validity 11/09/2021 to 10/09/2023 **Last Amended on** 30/11/2021

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- WATER	Construction water	Chlorides as Cl	IS 3025 (Part 32)
2	CHEMICAL- WATER	Construction water	pH	IS 3025 (Part 11)
3	CHEMICAL- WATER	Construction water	Sulphates as SO3	IS 3025 (Part 24)
4	MECHANICAL- BUILDINGS MATERIALS	Autoclaved cellular (aerated) concrete blocks	block density (oven dry condition)	IS 6441 (Part 1)
5	MECHANICAL- BUILDINGS MATERIALS	Autoclaved cellular (aerated) concrete blocks	Compressive strength	IS 6441 (Part 5)
6	MECHANICAL- BUILDINGS MATERIALS	Autoclaved cellular (aerated) concrete blocks	Dimensions - Height	IS 2185 (Part 3)
7	MECHANICAL- BUILDINGS MATERIALS	Autoclaved cellular (aerated) concrete blocks	Dimensions - Length	IS 2185 (Part-3)
8	MECHANICAL- BUILDINGS MATERIALS	Autoclaved cellular (aerated) concrete blocks	Dimensions - Width	IS 2185 (Part 3)
9	MECHANICAL- BUILDINGS MATERIALS	Autoclaved cellular (aerated) concrete blocks	Drying shrinkage	IS 6441 (Part 2)
10	MECHANICAL- BUILDINGS MATERIALS	Autoclaved cellular (aerated) concrete blocks	Thermal conductivity	IS 3346
11	MECHANICAL- BUILDINGS MATERIALS	Burnt clay bricks and Fly ash bricks	Compressive Strength	IS 3495 (Part 1)
12	MECHANICAL- BUILDINGS MATERIALS	Burnt clay bricks and Fly ash bricks	Dimensions - Height	IS 1077
13	MECHANICAL- BUILDINGS MATERIALS	Burnt clay bricks and Fly ash bricks	Dimensions - Width	IS 1077
14	MECHANICAL- BUILDINGS MATERIALS	Burnt clay bricks and Fly ash bricks	Dimensions- Length	IS 1077
15	MECHANICAL- BUILDINGS MATERIALS	Burnt clay bricks and Fly ash bricks	Water Absorption	IS 3495 (Part 2)
16	MECHANICAL- BUILDINGS MATERIALS	Cement OPC and PPC	Compressive strength	IS 4031 (Part 6)
17	MECHANICAL- BUILDINGS MATERIALS	Cement OPC and PPC	Final setting times	IS 4031 (Part 5)
18	MECHANICAL- BUILDINGS MATERIALS	Cement OPC and PPC	Fineness (Blain Air Permeability)	IS 4031 (Part 2)
19	MECHANICAL- BUILDINGS MATERIALS	Cement OPC and PPC	Initial setting times	IS 4031 (Part 5)

SCOPE OF ACCREDITATION

Laboratory Name :	ANANDJIWALA TECHNICAL CONSULTANCY (SOIL AND MATERIAL TESTING LABORATORY), 9, SHIVARNAJNI SHOPPING CENTER, 132 FEET RING ROAD, SATELLITE, AHMEDABAD, GUJARAT, INDIA		
Accreditation Standard	ISO/IEC 17025:2017		
Certificate Number	TC-7840	**Page No**	2 of 5
Validity	11/09/2021 to 10/09/2023	**Last Amended on**	30/11/2021

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
20	MECHANICAL- BUILDINGS MATERIALS	Cement OPC and PPC	Normal Consistency	IS 4031 (Part 4)
21	MECHANICAL- BUILDINGS MATERIALS	Cement OPC and PPC	Soundness (Le-Chatilier)	IS 4031 (Part 3)
22	MECHANICAL- BUILDINGS MATERIALS	Coarse aggregate	10 % fines value	IS 2386 (Part 4)
23	MECHANICAL- BUILDINGS MATERIALS	Coarse aggregate	Bulk density	IS 2386 (Part 3)
24	MECHANICAL- BUILDINGS MATERIALS	Coarse aggregate	Crushing value	IS 2386 (Part 4)
25	MECHANICAL- BUILDINGS MATERIALS	Coarse aggregate	Elongation index	IS 2386 (Part 1)
26	MECHANICAL- BUILDINGS MATERIALS	Coarse aggregate	Flakiness index	IS 2386 (Part 1)
27	MECHANICAL- BUILDINGS MATERIALS	Coarse aggregate	Impact value	IS 2386 (Part 4)
28	MECHANICAL- BUILDINGS MATERIALS	Coarse aggregate	Sieve analysis (Coarse)	IS 2386 (Part 1)
29	MECHANICAL- BUILDINGS MATERIALS	Coarse aggregate	Specific gravity	IS 2386 (Part 3)
30	MECHANICAL- BUILDINGS MATERIALS	Coarse aggregate	Water absorption	IS 2386 (Part 3)
31	MECHANICAL- BUILDINGS MATERIALS	Fine aggregate	Bulk density	IS 2386 (Part 3)
32	MECHANICAL- BUILDINGS MATERIALS	Fine aggregate	Materials Finer than 75 micron	IS 2386 (Part 1)
33	MECHANICAL- BUILDINGS MATERIALS	Fine aggregate	Sieve analysis	IS 2386 (Part 1)
34	MECHANICAL- BUILDINGS MATERIALS	Fine aggregate	Specific gravity	IS 2386 (Part 3)
35	MECHANICAL- BUILDINGS MATERIALS	Fine aggregate	Water absorption	IS 2386 (Part 3)
36	MECHANICAL- BUILDINGS MATERIALS	Fresh concrete	Slump	IS 1199
37	MECHANICAL- BUILDINGS MATERIALS	Hardened Concrete (Cube)	Compressive strength	IS 516
38	MECHANICAL- BUILDINGS MATERIALS	Hardened Concrete(Core)	Compressive Strength	IS 516(Part 4)

SCOPE OF ACCREDITATION

Laboratory Name :	ANANDJIWALA TECHNICAL CONSULTANCY (SOIL AND MATERIAL TESTING LABORATORY), 9, SHIVARNAJNI SHOPPING CENTER, 132 FEET RING ROAD, SATELLITE, AHMEDABAD, GUJARAT, INDIA		
Accreditation Standard	ISO/IEC 17025:2017		
Certificate Number	TC-7840	**Page No**	3 of 5
Validity	11/09/2021 to 10/09/2023	**Last Amended on**	30/11/2021

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
39	MECHANICAL- BUILDINGS MATERIALS	Paver block	Compressive strength	IS 15658
40	MECHANICAL- BUILDINGS MATERIALS	Paver block	Dimensions - height	IS 15658
41	MECHANICAL- BUILDINGS MATERIALS	Paver block	Dimensions - Length	IS 15658
42	MECHANICAL- BUILDINGS MATERIALS	Paver block	Dimensions - Width	IS 15658
43	MECHANICAL- BUILDINGS MATERIALS	Paver block	Water absorption	IS 15658
44	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Reinforcement steel	Bend test	IS 1599
45	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Reinforcement steel	Elongation (%)	IS 1608 (Part 1)
46	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Reinforcement steel	Mass / Meter	IS 1786
47	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Reinforcement steel	Re-bend test	IS 1786
48	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Reinforcement steel	Ultimate tensile strength	IS 1608 (Part 1)
49	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Reinforcement steel	Yield stress	IS 1786
50	MECHANICAL- SOIL AND ROCK	Soil	California bearing ratio	IS 2720 (Part 16)
51	MECHANICAL- SOIL AND ROCK	Soil	Direct shear (Undrained) - angle of internal friction	IS 2720 (Part 13)
52	MECHANICAL- SOIL AND ROCK	Soil	Direct shear (undrained) - cohesion	IS 2720 (Part 13)
53	MECHANICAL- SOIL AND ROCK	Soil	Free swell index	IS 2720 (Part 40)
54	MECHANICAL- SOIL AND ROCK	Soil	Heavy compaction (MDD)	IS 2720 (Part 8)
55	MECHANICAL- SOIL AND ROCK	Soil	Heavy compaction (OMC)	IS 2720 (Part 8)

SCOPE OF ACCREDITATION

Laboratory Name :	ANANDJIWALA TECHNICAL CONSULTANCY (SOIL AND MATERIAL TESTING LABORATORY), 9, SHIVARNAJNI SHOPPING CENTER, 132 FEET RING ROAD, SATELLITE, AHMEDABAD, GUJARAT, INDIA		
Accreditation Standard	ISO/IEC 17025:2017		
Certificate Number	TC-7840	**Page No**	4 of 5
Validity	11/09/2021 to 10/09/2023	**Last Amended on**	30/11/2021

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
56	MECHANICAL- SOIL AND ROCK	Soil	Light compaction (MDD)	IS 2720 (Part 7)
57	MECHANICAL- SOIL AND ROCK	Soil	Light compaction (OMC)	IS 2720 (Part 7)
58	MECHANICAL- SOIL AND ROCK	Soil	Liquid limit	IS 2720 (Part 5)
59	MECHANICAL- SOIL AND ROCK	Soil	Particle size distribution (wet & dry analysis)	IS 2720 (Part 4)
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	Specific gravity	IS 2720 (Part 3/Sec 1 and 2)
63	MECHANICAL- SOIL AND ROCK	Soil	Swelling pressure	IS 2720 (Part 41)
64	MECHANICAL- SOIL AND ROCK	Soil	Unconfined compressive strength	IS 2720 (Part 10)
65	MECHANICAL- SOIL AND ROCK	Soil	Unconsolidated Undrained Triaxial Compression - cohesion	IS 2720 (Part 11)
66	MECHANICAL- SOIL AND ROCK	Soil	Unconsolidated Undrained Triaxial Compression - angle of internal friction	IS 2720 (Part 11)

SCOPE OF ACCREDITATION

Laboratory Name :	ANANDJIWALA TECHNICAL CONSULTANCY (SOIL AND MATERIAL TESTING LABORATORY), 9, SHIVARNAJNI SHOPPING CENTER, 132 FEET RING ROAD, SATELLITE, AHMEDABAD, GUJARAT, INDIA		
Accreditation Standard	ISO/IEC 17025:2017		
Certificate Number	TC-7840	**Page No**	5 of 5
Validity	11/09/2021 to 10/09/2023	**Last Amended on**	30/11/2021

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
Site Facility				
1	MECHANICAL- BUILDINGS MATERIALS	Hardened Concrete(Core)	Compressive Strength	IS 516(Part 4)
2	NON-DESTRUCTIVE-BUILDING MATERIALS - REINFORCED CONCRETE STRUCTURES	Concrete structures	Carbonation Depth Test	IS 516 (Part 5/ Sec3)
3	NON-DESTRUCTIVE-BUILDING MATERIALS - REINFORCED CONCRETE STRUCTURES	Concrete structures	Half Cell Potential Test	IS 516 (Part 5/Sec 2)
4	NON-DESTRUCTIVE-BUILDING MATERIALS - REINFORCED CONCRETE STRUCTURES	Concrete structures	Pile Integrity Test	IS 14893
5	NON-DESTRUCTIVE-BUILDING MATERIALS - REINFORCED CONCRETE STRUCTURES	Concrete structures	Rebound Hammer Test	IS 13311 (Part 2)
6	NON-DESTRUCTIVE-BUILDING MATERIALS - REINFORCED CONCRETE STRUCTURES	Concrete structures	Rebound Hammer Test	IS 516 (Part5/Sec 4)
7	NON-DESTRUCTIVE-BUILDING MATERIALS - REINFORCED CONCRETE STRUCTURES	Concrete structures	Ultrasonic pulse velocity test	IS 516 (Part 5/Sec1)