



National Accreditation Board for Testing and Calibration Laboratories

SCOPE OF ACCREDITATION

Laboratory Name :

AQUA LAB ALL BUILDING MATERIAL TESTING PRIVATE LIMITED, GALA NO. 2, J.D ESTATE, MIRA ROAD EAST, THANE, MAHARASHTRA, INDIA

Accreditation Standard

ISO/IEC 17025:2017

Certificate Number

TC-14500

Page No

1 of 24

Validity

13/09/2024 to 12/09/2026

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 Testing				
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- BUILDING MATERIAL	Building lime	Calcium Oxide (CaO)	IS 6932 Part-1
7	CHEMICAL- BUILDING MATERIAL	Building Lime	Combined Alumina And Ferric Oxide	IS 6932 Part-1
8	CHEMICAL- BUILDING MATERIAL	Building Lime	Insoluble Matter	IS 6932 Part-1
9	CHEMICAL- BUILDING MATERIAL	Building Lime	Insoluble Residue	IS 6932 Part-1
10	CHEMICAL- BUILDING MATERIAL	Building Lime	Loss On Ignition	IS 6932 Part-1
11	CHEMICAL- BUILDING MATERIAL	Building Lime	Magnesia (MgO)	IS 6932 Part-1
12	CHEMICAL- BUILDING MATERIAL	Building Lime	Silica (SiO ₂)	IS 6932 Part-1
13	CHEMICAL- BUILDING MATERIAL	Ceramic, Vitrified, Glazed and Unglazed tiles	Resistance to acid and alkalis (with the exception of hydrofluoric acid and its compound)- Glazed tiles	IS 13630 : Part 8



National Accreditation Board for Testing and Calibration Laboratories

SCOPE OF ACCREDITATION

Laboratory Name :

AQUA LAB ALL BUILDING MATERIAL TESTING PRIVATE LIMITED, GALA NO. 2, J.D ESTATE, MIRA ROAD EAST, THANE, MAHARASHTRA, INDIA

Accreditation Standard

ISO/IEC 17025:2017

Certificate Number

TC-14500

Page No

2 of 24

Validity

13/09/2024 to 12/09/2026

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
14	CHEMICAL- BUILDING MATERIAL	Ceramic, Vitrified, Glazed and Unglazed tiles	Resistance to acid and alkalis (with the exception of hydrofluoric acid and its compound)- Unglazed tiles	IS 13630 : Part 7
15	CHEMICAL- BUILDING MATERIAL	Ceramic, Vitrified, Glazed and Unglazed tiles	Resistance to Household Chemicals and Swimming pool water cleansers except to cleansing agents containing hydrofluoric acid and its compound-Glazed Tiles	IS 13630 : Part 8
16	CHEMICAL- BUILDING MATERIAL	Ceramic, Vitrified, Glazed and Unglazed tiles	Resistance to Household Chemicals and Swimming pool water cleansers except to cleansing agents containing hydrofluoric acid and its compound-Unglazed Tiles	IS 13630 : Part 7
17	CHEMICAL- BUILDING MATERIAL	Ceramic, Vitrified, Glazed and Unglazed tiles	Resistance to Staining of Glazed Tiles	IS 13630 : Part 8
18	CHEMICAL- BUILDING MATERIAL	Ceramic, Vitrified, Glazed and Unglazed tiles	Resistance to Staining of Unglazed Tiles	IS 13630 : Part 7
19	CHEMICAL- BUILDING MATERIAL	Coarse Aggregate	Chloride	BS EN1744-1
20	CHEMICAL- BUILDING MATERIAL	Coarse Aggregate	Sulphate	BS EN 1744-1
21	CHEMICAL- BUILDING MATERIAL	Concrete	Chloride	BS 1881 Part-124
22	CHEMICAL- BUILDING MATERIAL	Concrete	Sulphate	IS 1881 Part-124
23	CHEMICAL- BUILDING MATERIAL	Fine Aggregate	Chloride	BS EN 1744-1
24	CHEMICAL- BUILDING MATERIAL	Fine Aggregate	Sulphate	BS EN 1744-1



National Accreditation Board for Testing and Calibration Laboratories

SCOPE OF ACCREDITATION

Laboratory Name :

AQUA LAB ALL BUILDING MATERIAL TESTING PRIVATE LIMITED, GALA NO. 2, J.D ESTATE, MIRA ROAD EAST, THANE, MAHARASHTRA, INDIA

Accreditation Standard

ISO/IEC 17025:2017

Certificate Number

TC-14500

Page No

3 of 24

Validity

13/09/2024 to 12/09/2026

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
25	CHEMICAL- BUILDING MATERIAL	Fly Ash	Alumina (Al ₂ O ₃)	IS 1727
26	CHEMICAL- BUILDING MATERIAL	Fly Ash	Calcium Oxide (CaO)	IS 1727
27	CHEMICAL- BUILDING MATERIAL	Fly Ash	Chloride	IS 4032
28	CHEMICAL- BUILDING MATERIAL	Fly Ash	Ferric Oxide (Fe ₂ O ₃)	IS 1727
29	CHEMICAL- BUILDING MATERIAL	Fly Ash	Loss On Ignition	Is 1727
30	CHEMICAL- BUILDING MATERIAL	Fly Ash	Magnesia (MgO)	IS 1727
31	CHEMICAL- BUILDING MATERIAL	Fly Ash	Silica (SiO ₂)	IS 1727
32	CHEMICAL- BUILDING MATERIAL	Fly Ash	Sulphuric Anhydride (SO ₃)	IS 1727
33	CHEMICAL- BUILDING MATERIAL	Ground Granulated Blast Furnace Slag	Alumina	IS 4032
34	CHEMICAL- BUILDING MATERIAL	Ground Granulated Blast Furnace Slag	Calcium Oxide (CaO)	IS 4032
35	CHEMICAL- BUILDING MATERIAL	Ground Granulated Blast Furnace Slag	Chloride	IS 4032
36	CHEMICAL- BUILDING MATERIAL	Ground Granulated Blast Furnace Slag	Insoluble Residue	IS 4032
37	CHEMICAL- BUILDING MATERIAL	Ground Granulated Blast Furnace Slag	Loss On Ignition	IS 4032
38	CHEMICAL- BUILDING MATERIAL	Ground Granulated Blast Furnace Slag	Magnesia	IS 4032
39	CHEMICAL- BUILDING MATERIAL	Ground Granulated Blast Furnace Slag	Manganic Oxide (MnO)	IS 4032
40	CHEMICAL- BUILDING MATERIAL	Ground Granulated Blast Furnace Slag	Moisture Content	IS 16714



National Accreditation Board for Testing and Calibration Laboratories

SCOPE OF ACCREDITATION

Laboratory Name :

AQUA LAB ALL BUILDING MATERIAL TESTING PRIVATE LIMITED, GALA NO. 2, J.D ESTATE, MIRA ROAD EAST, THANE, MAHARASHTRA, INDIA

Accreditation Standard

ISO/IEC 17025:2017

Certificate Number

TC-14500

Page No

4 of 24

Validity

13/09/2024 to 12/09/2026

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
41	CHEMICAL- BUILDING MATERIAL	Ground Granulated Blast Furnace Slag	Sulphuric Anhydride (SO ₃)	IS 4032
42	CHEMICAL- BUILDING MATERIAL	Gypsum Plaster	Calcium Oxide(CaO)	IS 1288
43	CHEMICAL- BUILDING MATERIAL	Gypsum Plaster	Combined Water	IS 1288
44	CHEMICAL- BUILDING MATERIAL	Gypsum Plaster	Free lime	IS 2547 Part1
45	CHEMICAL- BUILDING MATERIAL	Gypsum Plaster	Free Water	IS 1288
46	CHEMICAL- BUILDING MATERIAL	Gypsum Plaster	Iron & Aluminium Oxide	IS 1288
47	CHEMICAL- BUILDING MATERIAL	Gypsum Plaster	Loss on ignition	IS 2547 Part 1
48	CHEMICAL- BUILDING MATERIAL	Gypsum Plaster	Magnesium Salt	IS 2547 Part 1
49	CHEMICAL- BUILDING MATERIAL	Gypsum Plaster	Silica &Acid Insoluble	IS 1288
50	CHEMICAL- BUILDING MATERIAL	Gypsum Plaster	Sulphur Trioxide	IS 1288
51	CHEMICAL- BUILDING MATERIAL	Microsilica / Silica Fumes	Loss On Ignition	IS 1727
52	CHEMICAL- BUILDING MATERIAL	Microsilica / Silica Fumes	Moisture Content	IS 15388
53	CHEMICAL- BUILDING MATERIAL	Microsilica / Silica Fumes	Silica (SiO ₂)	IS 1727
54	CHEMICAL- BUILDING MATERIAL	Ordinary Portland Cement (OPC)	Alumina(Al ₂ O ₃)	IS 4032
55	CHEMICAL- BUILDING MATERIAL	Ordinary Portland Cement (OPC)	Calcium Oxide(CaO)	IS 4032
56	CHEMICAL- BUILDING MATERIAL	Ordinary Portland Cement (OPC)	Chloride	IS 4032



National Accreditation Board for Testing and Calibration Laboratories

SCOPE OF ACCREDITATION

Laboratory Name :

AQUA LAB ALL BUILDING MATERIAL TESTING PRIVATE LIMITED, GALA NO. 2, J.D ESTATE, MIRA ROAD EAST, THANE, MAHARASHTRA, INDIA

Accreditation Standard

ISO/IEC 17025:2017

Certificate Number

TC-14500

Page No

5 of 24

Validity

13/09/2024 to 12/09/2026

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
57	CHEMICAL- BUILDING MATERIAL	Ordinary Portland Cement (OPC)	Ferric Oxide(Fe ₂ O ₃)	IS 4032
58	CHEMICAL- BUILDING MATERIAL	Ordinary Portland Cement (OPC)	Insoluble Residue	IS 4032
59	CHEMICAL- BUILDING MATERIAL	Ordinary Portland Cement (OPC)	Loss on Ignition	IS 4032
60	CHEMICAL- BUILDING MATERIAL	Ordinary Portland Cement (OPC)	Magnesia (MgO)	Is 4032
61	CHEMICAL- BUILDING MATERIAL	Ordinary Portland Cement (OPC)	Silica(SiO ₂)	IS 4032
62	CHEMICAL- BUILDING MATERIAL	Ordinary Portland Cement (OPC)	Sulphuric Anhydride(SO ₃)	IS 4032
63	CHEMICAL- BUILDING MATERIAL	Portland Slag Cement (PSC)	Ferric Oxide(Fe ₂ O ₃)	IS 4032
64	CHEMICAL- BUILDING MATERIAL	Portland Slag Cement (PSC)	Calcium Oxide (CaO)	IS 4032
65	CHEMICAL- BUILDING MATERIAL	Portland Slag Cement (PSC)	Magnesia (MgO)	IS 4032
66	CHEMICAL- BUILDING MATERIAL	Portland Slag Cement (PSC)	Sulphuric Anhydride	IS 4032
67	CHEMICAL- BUILDING MATERIAL	Portland Slag Cement(PSC)	Alumina (Al ₂ O ₃)	IS 4032
68	CHEMICAL- BUILDING MATERIAL	Portland Slag Cement(PSC)	Insoluble Residue	IS 4032
69	CHEMICAL- BUILDING MATERIAL	Portland Slag Cement(PSC)	Loss On Ignition	IS 4032
70	CHEMICAL- BUILDING MATERIAL	Portland Slag Cement(PSC)	Silica (SiO ₂)	IS 4032
71	CHEMICAL- BUILDING MATERIAL	Pozzolana Portland Cement (PPC)	Calcium Oxide (CaO)	IS 4032
72	CHEMICAL- BUILDING MATERIAL	Pozzolana Portland Cement (PPC)	Chloride	IS 4032



National Accreditation Board for Testing and Calibration Laboratories

SCOPE OF ACCREDITATION

Laboratory Name :

AQUA LAB ALL BUILDING MATERIAL TESTING PRIVATE LIMITED, GALA NO. 2, J.D ESTATE, MIRA ROAD EAST, THANE, MAHARASHTRA, INDIA

Accreditation Standard

ISO/IEC 17025:2017

Certificate Number

TC-14500

Page No

6 of 24

Validity

13/09/2024 to 12/09/2026

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
73	CHEMICAL- BUILDING MATERIAL	Pozzolana Portland Cement (PPC)	Insoluble Residue	IS 4032
74	CHEMICAL- BUILDING MATERIAL	Pozzolana Portland Cement (PPC)	Loss On Ignition	IS 4032
75	CHEMICAL- BUILDING MATERIAL	Pozzolana Portland Cement (PPC)	Magnesia(MgO)	IS 4032
76	CHEMICAL- BUILDING MATERIAL	Pozzolana Portland Cement (PPC)	Suyphuric Anhydride (SO ₃)	IS 4032
77	CHEMICAL- BUILDING MATERIAL	Soil	Chloride	BS 1377 Part 3
78	CHEMICAL- BUILDING MATERIAL	Soil	Organic Matter	IS 2720 Part 22
79	CHEMICAL- BUILDING MATERIAL	Soil	pH	IS 2720 Part-26
80	CHEMICAL- BUILDING MATERIAL	Soil	Sulphate (SO ₄)	IS 2720 Part-27
81	CHEMICAL- METALS & ALLOYS	LOW CARBON ALLOY STEEL	Carbon	ASTM E 415
82	CHEMICAL- METALS & ALLOYS	LOW CARBON ALLOY STEEL	Carbon	IS 8811
83	CHEMICAL- METALS & ALLOYS	LOW CARBON ALLOY STEEL	Phosphorous	ASTM E 415
84	CHEMICAL- METALS & ALLOYS	LOW CARBON ALLOY STEEL	Phosphorous	IS 8811
85	CHEMICAL- METALS & ALLOYS	LOW CARBON ALLOY STEEL	Sulphur	ASTM E 415
86	CHEMICAL- METALS & ALLOYS	LOW CARBON ALLOY STEEL	Sulphur	IS 8811
87	CHEMICAL- METALS & ALLOYS	Reinforcement Steel, Mild Steel, Structural Steel, Carbon Steel, Alloy Steel	Aluminum	ASTM E 415
88	CHEMICAL- METALS & ALLOYS	Reinforcement Steel, Mild Steel, Structural Steel, Carbon Steel, Alloy Steel	Aluminum	IS 8811



National Accreditation Board for Testing and Calibration Laboratories

SCOPE OF ACCREDITATION

Laboratory Name :

AQUA LAB ALL BUILDING MATERIAL TESTING PRIVATE LIMITED, GALA NO. 2, J.D ESTATE, MIRA ROAD EAST, THANE, MAHARASHTRA, INDIA

Accreditation Standard

ISO/IEC 17025:2017

Certificate Number

TC-14500

Page No

7 of 24

Validity

13/09/2024 to 12/09/2026

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
89	CHEMICAL- METALS & ALLOYS	Reinforcement Steel, Mild Steel, Structural Steel, Carbon Steel, Alloy Steel	Chromium	ASTM E 415
90	CHEMICAL- METALS & ALLOYS	Reinforcement Steel, Mild Steel, Structural Steel, Carbon Steel, Alloy Steel	Chromium	IS 8811
91	CHEMICAL- METALS & ALLOYS	Reinforcement Steel, Mild Steel, Structural Steel, Carbon Steel, Alloy Steel	Copper	ASTM E 415
92	CHEMICAL- METALS & ALLOYS	Reinforcement Steel, Mild Steel, Structural Steel, Carbon Steel, Alloy Steel	Copper	IS 8811
93	CHEMICAL- METALS & ALLOYS	Reinforcement Steel, Mild Steel, Structural Steel, Carbon Steel, Alloy Steel	Manganese	ASTM E 415
94	CHEMICAL- METALS & ALLOYS	Reinforcement Steel, Mild Steel, Structural Steel, Carbon Steel, Alloy Steel	Manganese	IS 8811
95	CHEMICAL- METALS & ALLOYS	Reinforcement Steel, Mild Steel, Structural Steel, Carbon Steel, Alloy Steel	Molybdenum	ASTM E 415
96	CHEMICAL- METALS & ALLOYS	Reinforcement Steel, Mild Steel, Structural Steel, Carbon Steel, Alloy Steel	Molybdenum	IS 8811
97	CHEMICAL- METALS & ALLOYS	Reinforcement Steel, Mild Steel, Structural Steel, Carbon Steel, Alloy Steel	Nickel	ASTM E 415
98	CHEMICAL- METALS & ALLOYS	Reinforcement Steel, Mild Steel, Structural Steel, Carbon Steel, Alloy Steel	Nickel	IS 8811
99	CHEMICAL- METALS & ALLOYS	Reinforcement Steel, Mild Steel, Structural Steel, Carbon Steel, Alloy Steel	Niobium	ASTM E 415
100	CHEMICAL- METALS & ALLOYS	Reinforcement Steel, Mild Steel, Structural Steel, Carbon Steel, Alloy Steel	Niobium	IS 8811
101	CHEMICAL- METALS & ALLOYS	Reinforcement Steel, Mild Steel, Structural Steel, Carbon Steel, Alloy Steel	Silicon	ASTM E 415
102	CHEMICAL- METALS & ALLOYS	Reinforcement Steel, Mild Steel, Structural Steel, Carbon Steel, Alloy Steel	Silicon	IS 8811
103	CHEMICAL- METALS & ALLOYS	Reinforcement Steel, Mild Steel, Structural Steel, Carbon Steel, Alloy Steel	Vanadium	ASTM E 415
104	CHEMICAL- METALS & ALLOYS	Reinforcement Steel, Mild Steel, Structural Steel, Carbon Steel, Alloy Steel	Vanadium	IS 8811
105	CHEMICAL- WATER	Drinking Water	Chloride	IS 3025 Part-32



National Accreditation Board for Testing and Calibration Laboratories

SCOPE OF ACCREDITATION

Laboratory Name :

AQUA LAB ALL BUILDING MATERIAL TESTING PRIVATE LIMITED, GALA NO. 2, J.D ESTATE, MIRA ROAD EAST, THANE, MAHARASHTRA, INDIA

Accreditation Standard

ISO/IEC 17025:2017

Certificate Number

TC-14500

Page No

8 of 24

Validity

13/09/2024 to 12/09/2026

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
106	CHEMICAL- WATER	Drinking Water	Magnesium as Mg	IS 3025 Part-46
107	CHEMICAL- WATER	Drinking Water	pH	IS 3025 Part-11
108	CHEMICAL- WATER	Drinking Water	Sulphate(SO ₄)	IS 3025 Part-24 :Sec 1
109	CHEMICAL- WATER	Drinking Water	Total Alkalinity	IS 3025 Part-23
110	CHEMICAL- WATER	Drinking Water	Total Dissolved Solid	IS 3025 Part-16
111	CHEMICAL- WATER	Drinking Water	Total Hardness	IS 3025 Part-21
112	CHEMICAL- WATER	Drinking Water	Turbidity	IS 3025 Part-10
113	CHEMICAL- WATER	Water for construction purpose	Acidity	IS 3025 Part-22
114	CHEMICAL- WATER	Water for construction purpose	Alkalinity	IS 3025 Part-23
115	CHEMICAL- WATER	Water for construction purpose	Calcium as Ca	IS 3025 Part-40
116	CHEMICAL- WATER	Water for construction purpose	Chloride	IS 3025 Part-32
117	CHEMICAL- WATER	Water for construction purpose	Inorganic Solid(Fixed Residue)	IS 3025 Part-18
118	CHEMICAL- WATER	Water for construction purpose	Organic Solid(Volatile Residue)	IS 3025 Part-18
119	CHEMICAL- WATER	Water for construction purpose	pH	IS 3025 Part-11
120	CHEMICAL- WATER	Water for construction purpose	Sulphate(SO ₄)	IS 3025 Part-24:Sec 1
121	CHEMICAL- WATER	Water for construction purpose	Total Dissolved Solid	IS 3025 Part-16
122	CHEMICAL- WATER	Water for construction purpose	Total suspended Solid	IS 3025 Part-17
123	MECHANICAL- BUILDINGS MATERIALS	Autoclaved Aerated Concrete (AAC) Block	Dimension (Width)	IS 2185 PART 3
124	MECHANICAL- BUILDINGS MATERIALS	Autoclaved Aerated Concrete (AAC) Block	COMPRESSIVE STRENGTH	IS 6441 PART 5
125	MECHANICAL- BUILDINGS MATERIALS	Autoclaved Aerated Concrete (AAC) Block	Dimension (Length)	IS 2185 PART 3
126	MECHANICAL- BUILDINGS MATERIALS	Autoclaved Aerated Concrete (AAC) Block	Dimension (Thickness)	IS 2185 PART 3



National Accreditation Board for Testing and Calibration Laboratories

SCOPE OF ACCREDITATION

Laboratory Name :

AQUA LAB ALL BUILDING MATERIAL TESTING PRIVATE LIMITED, GALA NO. 2, J.D ESTATE, MIRA ROAD EAST, THANE, MAHARASHTRA, INDIA

Accreditation Standard

ISO/IEC 17025:2017

Certificate Number

TC-14500

Page No

9 of 24

Validity

13/09/2024 to 12/09/2026

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
127	MECHANICAL-BUILDINGS MATERIALS	Autoclaved Aerated Concrete (AAC) Block	DRY DENSITY	IS 6441 PART 1
128	MECHANICAL-BUILDINGS MATERIALS	Autoclaved Aerated Concrete (AAC) Block	MOISTURE CONTENT	IS 6441 PART 1
129	MECHANICAL-BUILDINGS MATERIALS	Block Jointing Mortar	Adhesive strength of hardened rendering and plastering mortars on substrates	BS EN 1015-12
130	MECHANICAL-BUILDINGS MATERIALS	Block jointing Mortar	Bulk Density	BS EN 1015 P-6
131	MECHANICAL-BUILDINGS MATERIALS	Block Jointing Mortar	Compressive strength	BS EN 1015 P-11
132	MECHANICAL-BUILDINGS MATERIALS	Block Jointing Mortar	Consistency by Flow Table	BS EN 1015 P-3
133	MECHANICAL-BUILDINGS MATERIALS	Block Jointing Mortar	Flexural Strength	BS EN 1015 P-11
134	MECHANICAL-BUILDINGS MATERIALS	Block Jointing Mortar	Tensile Split Strength-Thin-bed Mortar for Autoclaved Aerated Concrete (AAC) Masonry	ASTM C1660-10
135	MECHANICAL-BUILDINGS MATERIALS	BURNT CLAY BRICK/FLY ASH BRICK	Dimension (Height)	IS 1077
136	MECHANICAL-BUILDINGS MATERIALS	BURNT CLAY BRICK/FLY ASH BRICK	Dimension (Width)	IS 1077
137	MECHANICAL-BUILDINGS MATERIALS	BURNT CLAY BRICK/FLY ASH BRICK	COMPRESSIVE STRENGTH	IS 3495 Part 1



National Accreditation Board for Testing and Calibration Laboratories

SCOPE OF ACCREDITATION

Laboratory Name :

AQUA LAB ALL BUILDING MATERIAL TESTING PRIVATE LIMITED, GALA NO. 2, J.D ESTATE, MIRA ROAD EAST, THANE, MAHARASHTRA, INDIA

Accreditation Standard

ISO/IEC 17025:2017

Certificate Number

TC-14500

Page No

10 of 24

Validity

13/09/2024 to 12/09/2026

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
138	MECHANICAL-BUILDINGS MATERIALS	BURNT CLAY BRICK/FLY ASH BRICK	Dimension (Length)	IS 1077
139	MECHANICAL-BUILDINGS MATERIALS	BURNT CLAY BRICK/FLY ASH BRICK	EFFLORESCENCE	IS 3495 PART 3
140	MECHANICAL-BUILDINGS MATERIALS	BURNT CLAY BRICK/FLY ASH BRICK	WATER ABSORPTION	IS 3495 PART 2
141	MECHANICAL-BUILDINGS MATERIALS	Cement	Compressive Strength	IS 4031 Part 6
142	MECHANICAL-BUILDINGS MATERIALS	Cement	Drying Shrinkage	IS 4031 Part 10
143	MECHANICAL-BUILDINGS MATERIALS	Cement	Final Setting Time	IS 4031 Part 5
144	MECHANICAL-BUILDINGS MATERIALS	Cement	Fineness by Blaines Method	IS 4031 Part 2
145	MECHANICAL-BUILDINGS MATERIALS	Cement	Initial Setting Time	IS 4031 Part 5
146	MECHANICAL-BUILDINGS MATERIALS	Cement	Normal Consistency	IS 4031 Part 4
147	MECHANICAL-BUILDINGS MATERIALS	Cement	Soundness by Autoclave	IS 4031 Part 3
148	MECHANICAL-BUILDINGS MATERIALS	Cement	Soundness Test by Le-Chatelier's	IS 4031 Part 3
149	MECHANICAL-BUILDINGS MATERIALS	Cement	Specific Gravity	IS 4031 Part 11



National Accreditation Board for Testing and Calibration Laboratories

SCOPE OF ACCREDITATION

Laboratory Name :

AQUA LAB ALL BUILDING MATERIAL TESTING PRIVATE LIMITED, GALA NO. 2, J.D ESTATE, MIRA ROAD
EAST, THANE, MAHARASHTRA, INDIA

Accreditation Standard

ISO/IEC 17025:2017

Certificate Number

TC-14500

Page No

11 of 24

Validity

13/09/2024 to 12/09/2026

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
150	MECHANICAL-BUILDINGS MATERIALS	CERAMIC TILE/VITRIFIED TILE/GLAZED / UNGLAZED	ABRASION TEST	IS 13630 PART-11 & PART-12)
151	MECHANICAL-BUILDINGS MATERIALS	CERAMIC TILE/VITRIFIED TILE/GLAZED / UNGLAZED	BREAKING STRENGTH	IS 13630 PART-6
152	MECHANICAL-BUILDINGS MATERIALS	CERAMIC TILE/VITRIFIED TILE/GLAZED / UNGLAZED	Centre Curvature	IS 13630 PART-1
153	MECHANICAL-BUILDINGS MATERIALS	CERAMIC TILE/VITRIFIED TILE/GLAZED / UNGLAZED	Dimension (Length)	IS 13630 PART-1
154	MECHANICAL-BUILDINGS MATERIALS	CERAMIC TILE/VITRIFIED TILE/GLAZED / UNGLAZED	Dimension (Thickness)	IS 13630 PART 1:2006
155	MECHANICAL-BUILDINGS MATERIALS	CERAMIC TILE/VITRIFIED TILE/GLAZED / UNGLAZED	Dimension (Width)	IS 13630 PART-1
156	MECHANICAL-BUILDINGS MATERIALS	CERAMIC TILE/VITRIFIED TILE/GLAZED / UNGLAZED	Edge Curvature	IS 13630:Part 1
157	MECHANICAL-BUILDINGS MATERIALS	CERAMIC TILE/VITRIFIED TILE/GLAZED / UNGLAZED	MODULUS OF RUPTURE	IS 13630 PART 6
158	MECHANICAL-BUILDINGS MATERIALS	CERAMIC TILE/VITRIFIED TILE/GLAZED / UNGLAZED	RECTANGULARITY	IS 13630 PART 1
159	MECHANICAL-BUILDINGS MATERIALS	CERAMIC TILE/VITRIFIED TILE/GLAZED / UNGLAZED	SCRATCH HARDNESS	IS 13630 PART-13
160	MECHANICAL-BUILDINGS MATERIALS	CERAMIC TILE/VITRIFIED TILE/GLAZED / UNGLAZED	STRAIGHTNESS	IS 13630 PART 1
161	MECHANICAL-BUILDINGS MATERIALS	CERAMIC TILE/VITRIFIED TILE/GLAZED / UNGLAZED	WARPAGE	IS 13630 PART-1



National Accreditation Board for Testing and Calibration Laboratories

SCOPE OF ACCREDITATION

Laboratory Name :

AQUA LAB ALL BUILDING MATERIAL TESTING PRIVATE LIMITED, GALA NO. 2, J.D ESTATE, MIRA ROAD EAST, THANE, MAHARASHTRA, INDIA

Accreditation Standard

ISO/IEC 17025:2017

Certificate Number

TC-14500

Page No

12 of 24

Validity

13/09/2024 to 12/09/2026

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
162	MECHANICAL-BUILDINGS MATERIALS	CHEQUERED CEMENT CONCRETE	WATER ABSORPTION	IS 13801
163	MECHANICAL-BUILDINGS MATERIALS	CHEQUERED CEMENT CONCRETE	WET TRANSVERSE STRENGTH	IS 13801
164	MECHANICAL-BUILDINGS MATERIALS	COARSE AGGREGATE	CRUSHING VALUE	IS 2386 PART-4
165	MECHANICAL-BUILDINGS MATERIALS	COARSE AGGREGATE	10% FINE VALUE	IS 2386 PART 4
166	MECHANICAL-BUILDINGS MATERIALS	COARSE AGGREGATE	ABRASION VALUE	IS 2386 PART-4
167	MECHANICAL-BUILDINGS MATERIALS	COARSE AGGREGATE	BULK DENSITY	IS 2386 PART 3
168	MECHANICAL-BUILDINGS MATERIALS	COARSE AGGREGATE	ELONGATION INDEX	IS 2386 PART 1
169	MECHANICAL-BUILDINGS MATERIALS	COARSE AGGREGATE	FINER THAN 75 MICRON	IS 2386 PART-1
170	MECHANICAL-BUILDINGS MATERIALS	COARSE AGGREGATE	FLAKINESS INDEX	IS 2386 PART-1
171	MECHANICAL-BUILDINGS MATERIALS	COARSE AGGREGATE	IMPACT VALUE	IS 2386 PART-4
172	MECHANICAL-BUILDINGS MATERIALS	COARSE AGGREGATE	SIEVE ANALYSIS (Sieve size 4.75 mm,6.3 mm, 10 mm,12.5 mm,16 mm,20 mm,25 mm,31.5 & 40 mm)	IS 2386 PART1



National Accreditation Board for Testing and Calibration Laboratories

SCOPE OF ACCREDITATION

Laboratory Name :

AQUA LAB ALL BUILDING MATERIAL TESTING PRIVATE LIMITED, GALA NO. 2, J.D ESTATE, MIRA ROAD EAST, THANE, MAHARASHTRA, INDIA

Accreditation Standard

ISO/IEC 17025:2017

Certificate Number

TC-14500

Page No

13 of 24

Validity

13/09/2024 to 12/09/2026

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
173	MECHANICAL-BUILDINGS MATERIALS	COARSE AGGREGATE	Soundness by Sodium Sulphate(Na2SO4)	IS 2386 Part 5
174	MECHANICAL-BUILDINGS MATERIALS	COARSE AGGREGATE	SPECIFIC GRAVITY	IS 2386 PART-3
175	MECHANICAL-BUILDINGS MATERIALS	COARSE AGGREGATE	WATER ABSORPTION	IS 2386 PART-3
176	MECHANICAL-BUILDINGS MATERIALS	Coarse Aggregates	Deleterious Material-a)Coal & Lignite	IS 2386 Part 2
177	MECHANICAL-BUILDINGS MATERIALS	Coarse Aggregates	Deleterious Material-c)Soft Particle	IS 2386 Part 2
178	MECHANICAL-BUILDINGS MATERIALS	Coarse Aggregates	Deleterious Material-d)Clay Lumps	IS 2386 Part 2
179	MECHANICAL-BUILDINGS MATERIALS	CONCRETE	COMPRESSIVE STRENGTH	IS 516 (Part 1/Sec 1)
180	MECHANICAL-BUILDINGS MATERIALS	Concrete	Modulus of Elasticity (E Value)	IS 456
181	MECHANICAL-BUILDINGS MATERIALS	Concrete	Rapid Chloride Migration Test	NT Build 492
182	MECHANICAL-BUILDINGS MATERIALS	Concrete	Rapid Chloride Permeability Test	ASTM C1202
183	MECHANICAL-BUILDINGS MATERIALS	Concrete Core	Compressive Strength	IS 516 : Part 4
184	MECHANICAL-BUILDINGS MATERIALS	Concrete Beam	Flexural Strength	IS 516 : Part 1 : Sec 1



National Accreditation Board for Testing and Calibration Laboratories

SCOPE OF ACCREDITATION

Laboratory Name :

AQUA LAB ALL BUILDING MATERIAL TESTING PRIVATE LIMITED, GALA NO. 2, J.D ESTATE, MIRA ROAD EAST, THANE, MAHARASHTRA, INDIA

Accreditation Standard

ISO/IEC 17025:2017

Certificate Number

TC-14500

Page No

14 of 24

Validity

13/09/2024 to 12/09/2026

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
185	MECHANICAL-BUILDINGS MATERIALS	Concrete Cube	Compressive strength by accelerated cured concrete test	IS 9013
186	MECHANICAL-BUILDINGS MATERIALS	concrete cube	DEPTH OF PENETRATION OF WATER UNDER PRESSURE	BS EN 12390 Part 8
187	MECHANICAL-BUILDINGS MATERIALS	Concrete Cube	Initial Surface Absorption Test	BS1881 Part 208
188	MECHANICAL-BUILDINGS MATERIALS	Concrete Cube	Water Absorption	BS 1881 Part 122
189	MECHANICAL-BUILDINGS MATERIALS	Concrete Cube/Cylinder	Depth of penetration of water under pressure	IS 516 (Part 2 Section 1)
190	MECHANICAL-BUILDINGS MATERIALS	Concrete Cube/Cylinder	Split Tensile Strength	IS 516 : Part 1 : Sec 1
191	MECHANICAL-BUILDINGS MATERIALS	Concrete Prism	Drying Shrinkage	IS 516 : Part 6
192	MECHANICAL-BUILDINGS MATERIALS	Concrete Prism	Moisture Movement	IS 516 Part 6
193	MECHANICAL-BUILDINGS MATERIALS	Fine Aggregate	Soundness by Sodium Sulphate(Na ₂ SO ₄)	IS 2386 Part 5
194	MECHANICAL-BUILDINGS MATERIALS	FINE AGGREGATES	BULK DENSITY	IS 2386 PART 3
195	MECHANICAL-BUILDINGS MATERIALS	FINE AGGREGATES	Bulking of Fine Aggregate	IS 2386 PART 3
196	MECHANICAL-BUILDINGS MATERIALS	Fine Aggregates	Deleterious Material a) Coal & Lignite	IS 2386 Part-2



National Accreditation Board for Testing and Calibration Laboratories

SCOPE OF ACCREDITATION

Laboratory Name :

AQUA LAB ALL BUILDING MATERIAL TESTING PRIVATE LIMITED, GALA NO. 2, J.D ESTATE, MIRA ROAD EAST, THANE, MAHARASHTRA, INDIA

Accreditation Standard

ISO/IEC 17025:2017

Certificate Number

TC-14500

Page No

15 of 24

Validity

13/09/2024 to 12/09/2026

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
197	MECHANICAL-BUILDINGS MATERIALS	Fine Aggregates	Deleterious Material c) Soft Particle	IS 2386 Part-2
198	MECHANICAL-BUILDINGS MATERIALS	Fine Aggregates	Deleterious Material d)Clay Lumps	IS 2386 Part-2
199	MECHANICAL-BUILDINGS MATERIALS	FINE AGGREGATES	FINER THAN 75 MICRON	IS 2386 PART 1
200	MECHANICAL-BUILDINGS MATERIALS	FINE AGGREGATES	SIEVE ANALYSIS (Sieve size 150 microns,300 micron,600 micron,1.18 mm,2.36 mm & 4.75 mm)	IS 2386 PART 1
201	MECHANICAL-BUILDINGS MATERIALS	FINE AGGREGATES	SPECIFIC GRAVITY	IS 2386 PART 3
202	MECHANICAL-BUILDINGS MATERIALS	FINE AGGREGATES	WATER ABSORPTION	IS 2386 PART 3
203	MECHANICAL-BUILDINGS MATERIALS	Fly Ash	Compressive Strength	IS 1727
204	MECHANICAL-BUILDINGS MATERIALS	Fly Ash	Fineness	IS 1727
205	MECHANICAL-BUILDINGS MATERIALS	Fly Ash	Lime Reactivity	IS 1727
206	MECHANICAL-BUILDINGS MATERIALS	Fly Ash	Particle Retained on 45micron	IS 1727
207	MECHANICAL-BUILDINGS MATERIALS	Fly Ash	Soundness by Autoclave	IS 1727



National Accreditation Board for Testing and Calibration Laboratories

SCOPE OF ACCREDITATION

Laboratory Name :

AQUA LAB ALL BUILDING MATERIAL TESTING PRIVATE LIMITED, GALA NO. 2, J.D ESTATE, MIRA ROAD EAST, THANE, MAHARASHTRA, INDIA

Accreditation Standard

ISO/IEC 17025:2017

Certificate Number

TC-14500

Page No

16 of 24

Validity

13/09/2024 to 12/09/2026

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
208	MECHANICAL-BUILDINGS MATERIALS	Fly Ash	Specific Gravity	IS 1727
209	MECHANICAL-BUILDINGS MATERIALS	Ground Granulated Blast Furnace Slag	Fineness by 45 micron	ASTM C 989
210	MECHANICAL-BUILDINGS MATERIALS	Ground Granulated Blast Furnace Slag	Fineness by blaines	IS 16714
211	MECHANICAL-BUILDINGS MATERIALS	Ground Granulated Blast Furnace Slag	Slag Activity Index	IS 16714
212	MECHANICAL-BUILDINGS MATERIALS	Microsilica	Bulk Density	ASTMC1240
213	MECHANICAL-BUILDINGS MATERIALS	Microsilica	Compressive Strength	IS 15388
214	MECHANICAL-BUILDINGS MATERIALS	Microsilica	Percent on 45 micron IS sieve	IS 15388
215	MECHANICAL-BUILDINGS MATERIALS	Microsilica	Percentage Retained on 45 micron IS sieve	ASTM C 1240
216	MECHANICAL-BUILDINGS MATERIALS	PAVER BLOCKS	COMPRESSIVE STRENGTH	IS 15658
217	MECHANICAL-BUILDINGS MATERIALS	PAVER BLOCKS	WATER ABSORPTION	IS 15658
218	MECHANICAL-BUILDINGS MATERIALS	Plywood	Density	IS 1734 : Part 1
219	MECHANICAL-BUILDINGS MATERIALS	Plywood	Moisture Content	IS 1734 : Part 1



National Accreditation Board for Testing and Calibration Laboratories

SCOPE OF ACCREDITATION

Laboratory Name :

AQUA LAB ALL BUILDING MATERIAL TESTING PRIVATE LIMITED, GALA NO. 2, J.D ESTATE, MIRA ROAD EAST, THANE, MAHARASHTRA, INDIA

Accreditation Standard

ISO/IEC 17025:2017

Certificate Number

TC-14500

Page No

17 of 24

Validity

13/09/2024 to 12/09/2026

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
220	MECHANICAL-BUILDINGS MATERIALS	Plywood	Resistance to Dry Heat	IS 1734 : Part 2
221	MECHANICAL-BUILDINGS MATERIALS	Ready Mix Plaster	Bulk Density	BS EN 1015 P-6
222	MECHANICAL-BUILDINGS MATERIALS	Ready Mix Plaster	Compressive strength	BS EN 1015 P-11
223	MECHANICAL-BUILDINGS MATERIALS	Ready Mix Plaster	Flexural Strength	BS EN 1015 P-11
224	MECHANICAL-BUILDINGS MATERIALS	Ready mix Plaster	Pull-Off Adhesion Strength of Coatings on Concrete	ASTM D7234
225	MECHANICAL-BUILDINGS MATERIALS	SOLID CONCRETE BLOCK	COMPRESSIVE STRENGTH	IS 2185 PART 1
226	MECHANICAL-BUILDINGS MATERIALS	SOLID CONCRETE BLOCK	Dimension (Height)	IS 2185 PART 1
227	MECHANICAL-BUILDINGS MATERIALS	SOLID CONCRETE BLOCK	Dimension (Length)	IS 2185 PART 1
228	MECHANICAL-BUILDINGS MATERIALS	SOLID CONCRETE BLOCK	Dimension (Width)	IS 2185 PART 1:2005
229	MECHANICAL-BUILDINGS MATERIALS	SOLID CONCRETE BLOCK	DRY DENSITY	IS 2185 PART 1
230	MECHANICAL-BUILDINGS MATERIALS	Solid Concrete Block	Water absorption	IS 2185 : Part 1
231	MECHANICAL-BUILDINGS MATERIALS	Tile Adhesive	Adjustment time	IS 15477



National Accreditation Board for Testing and Calibration Laboratories

SCOPE OF ACCREDITATION

Laboratory Name :

AQUA LAB ALL BUILDING MATERIAL TESTING PRIVATE LIMITED, GALA NO. 2, J.D ESTATE, MIRA ROAD EAST, THANE, MAHARASHTRA, INDIA

Accreditation Standard

ISO/IEC 17025:2017

Certificate Number

TC-14500

Page No

18 of 24

Validity

13/09/2024 to 12/09/2026

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
232	MECHANICAL-BUILDINGS MATERIALS	Tile Adhesive	Open Time	IS 15477
233	MECHANICAL-BUILDINGS MATERIALS	Tile Adhesive	Shear Adhesion	IS 15477
234	MECHANICAL-BUILDINGS MATERIALS	Tile Adhesive	Slip Test	IS 15477
235	MECHANICAL-BUILDINGS MATERIALS	Tile Adhesive	Tensile Adhesion Strength	IS 15477
236	MECHANICAL-BUILDINGS MATERIALS	Tiles	Water absorption	IS 13630 : Part 2
237	MECHANICAL-BUILDINGS MATERIALS	Wood	Moisture Content	IS 1708 : Part 1
238	MECHANICAL-BUILDINGS MATERIALS	Wood	Specific Gravity	IS 1708 : Part 2
239	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Binding Wire	Tensile Test	IS 1608 : Part 1
240	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Binding Wire	Wrapping Test	IS 1755
241	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Coupler/Spliced Joint	% Elongation	IS 16172



National Accreditation Board for Testing and Calibration Laboratories

SCOPE OF ACCREDITATION

Laboratory Name :

AQUA LAB ALL BUILDING MATERIAL TESTING PRIVATE LIMITED, GALA NO. 2, J.D ESTATE, MIRA ROAD EAST, THANE, MAHARASHTRA, INDIA

Accreditation Standard

ISO/IEC 17025:2017

Certificate Number

TC-14500

Page No

19 of 24

Validity

13/09/2024 to 12/09/2026

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
242	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Coupler/Spliced Joint	Ultimate Tensile Strength	IS 1608 Part 1
243	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Prop	Prop Strength	BS EN 1065
244	MECHANICAL-MECHANICAL PROPERTIES OF METALS	REINFORCEMENT STEEL	0.2% Proof Stress	IS 1608 PART 1
245	MECHANICAL-MECHANICAL PROPERTIES OF METALS	REINFORCEMENT STEEL	Bend Test (Mandrel dia: 24, 30, 32, 36, 40, 48, 50, 64, 80, 100, 125, 128, 150, 160, 192 mm)	IS 1599
246	MECHANICAL-MECHANICAL PROPERTIES OF METALS	REINFORCEMENT STEEL	PERCENTAGE ELONGATION	IS 1608 PART 1
247	MECHANICAL-MECHANICAL PROPERTIES OF METALS	REINFORCEMENT STEEL	Re-bend test (Mandrel dia: 32, 40, 48, 50, 56, 60, 70, 72, 84, 96, 108, 112, 120, 140, 144, 150, 175, 180, 192, 224, 228 mm)	IS 1786
248	MECHANICAL-MECHANICAL PROPERTIES OF METALS	REINFORCEMENT STEEL	ULTIMATE TENSILE STRENGTH	IS 1608 PART 1
249	MECHANICAL-MECHANICAL PROPERTIES OF METALS	REINFORCEMENT STEEL	WEIGHT PER METER	IS 1786
250	MECHANICAL-MECHANICAL PROPERTIES OF METALS	REINFORCEMENT STEEL	Yield Stress	IS 1608 Part 1



National Accreditation Board for Testing and Calibration Laboratories

SCOPE OF ACCREDITATION

Laboratory Name :

AQUA LAB ALL BUILDING MATERIAL TESTING PRIVATE LIMITED, GALA NO. 2, J.D ESTATE, MIRA ROAD EAST, THANE, MAHARASHTRA, INDIA

Accreditation Standard

ISO/IEC 17025:2017

Certificate Number

TC-14500

Page No

20 of 24

Validity

13/09/2024 to 12/09/2026

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
251	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Stainless Steel Welded Pipes and Tubes	Flattening Test	IS 2328
252	MECHANICAL-MECHANICAL PROPERTIES OF METALS	STAINLESS STEEL WELDED PIPES AND TUBES	% Elongation	IS 1608 : Part 1
253	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Stainless steel welded pipes and tubes	Tensile Test	IS 1608 : Part 1
254	MECHANICAL-MECHANICAL PROPERTIES OF METALS	STAINLESS STEEL WELDED PIPES AND TUBES	Yield Strength	IS 1608 : Part 1
255	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Steel	Reduction in Area	IS 1608 Part 1
256	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Uncoated Stress Relieved Low Relaxation Seven-Wire (Ply) Strand	Mass Per Meter	IS 14268
257	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Uncoated Stress Relieved Low Relaxation Seven-Wire (Ply) Strand	Tensile strength	IS 14268
258	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Uncoated Stress Relieved Low Relaxation Seven-Wire (Ply) Strand	Breaking Load	IS 14268
259	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Uncoated Stress Relieved Low Relaxation Seven-Wire (Ply) Strand	Lay Length	IS 14268



National Accreditation Board for Testing and Calibration Laboratories

SCOPE OF ACCREDITATION

Laboratory Name :

AQUA LAB ALL BUILDING MATERIAL TESTING PRIVATE LIMITED, GALA NO. 2, J.D ESTATE, MIRA ROAD EAST, THANE, MAHARASHTRA, INDIA

Accreditation Standard

ISO/IEC 17025:2017

Certificate Number

TC-14500

Page No

21 of 24

Validity

13/09/2024 to 12/09/2026

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
260	MECHANICAL- SOIL AND ROCK	Granular Sub Base (GSB)/Wet Mix Macadam (WMM)	Water Absorption	IS 2386 Part 3
261	MECHANICAL- SOIL AND ROCK	Granular Sub Base (GSB)/Wet Mix Macadam(WMM)	Ten Percent Fine Value	IS 2386 Part4
262	MECHANICAL- SOIL AND ROCK	Granular Sub Base /Wet Mix Macadam	Liquid Limit Test	IS 2720 Part 5
263	MECHANICAL- SOIL AND ROCK	Granular Sub Base(GSB)/Wet Mix Macadam(WMM)	Aggregate Impact Value	IS 2386 Part 4
264	MECHANICAL- SOIL AND ROCK	Granular Sub Base(GSB)/Wet Mix Macadam(WMM)	CBR test	IS 2720 Part 16
265	MECHANICAL- SOIL AND ROCK	Granular Sub Base(GSB)/Wet Mix Macadam(WMM)	Maximum Dry Density	IS 2720 Part 8
266	MECHANICAL- SOIL AND ROCK	Granular Sub Base(GSB)/Wet Mix Macadam(WMM)	Optimum Moisture Content	IS 2720 Part 8
267	MECHANICAL- SOIL AND ROCK	Granular Sub Base(GSB)/Wet Mix Macadam(WMM)	Plastic Limit	IS 2720 Part 5
268	MECHANICAL- SOIL AND ROCK	Granular Sub Base(GSB)/Wet Mix Macadam(WMM)	Sieve Analysis (Sieve size 75 microns,425 micron,600 micron,2.36 mm, 4.75 mm,9.50 mm,11.2 mm,22.4 mm,26.5 mm,45 mm,53 mm,to 75 mm)	IS 2386 Part 1
269	MECHANICAL- SOIL AND ROCK	Rock	Density	IS 13030
270	MECHANICAL- SOIL AND ROCK	Rock	Porosity	IS 13030
271	MECHANICAL- SOIL AND ROCK	Rock	Specific gravity	IS 13030
272	MECHANICAL- SOIL AND ROCK	Rock	Unconfined Compressive Strength	IS 9143
273	MECHANICAL- SOIL AND ROCK	Rock	Water Content	Is 13030



National Accreditation Board for Testing and Calibration Laboratories

SCOPE OF ACCREDITATION

Laboratory Name :

AQUA LAB ALL BUILDING MATERIAL TESTING PRIVATE LIMITED, GALA NO. 2, J.D ESTATE, MIRA ROAD EAST, THANE, MAHARASHTRA, INDIA

Accreditation Standard

ISO/IEC 17025:2017

Certificate Number

TC-14500

Page No

22 of 24

Validity

13/09/2024 to 12/09/2026

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
274	MECHANICAL- SOIL AND ROCK	SOIL	CALIFORNIA BEARING RATIO (SOAKED)	IS 2720 PART 16
275	MECHANICAL- SOIL AND ROCK	SOIL	DIRECT SHEAR STRENGTH-ANGLE OF FRICTION	IS 2720 PART 13
276	MECHANICAL- SOIL AND ROCK	SOIL	DIRECT SHEAR STRENGTH-Cohesion	IS 2720 PART 13
277	MECHANICAL- SOIL AND ROCK	SOIL	FREE SWELL INDEX	IS 2720 PART 40
278	MECHANICAL- SOIL AND ROCK	SOIL	HAEAVY COMPACTION (OMC)	IS 2720 PART 8
279	MECHANICAL- SOIL AND ROCK	SOIL	HEAVY COMPACTION (MDD)	IS 2720 PART 8
280	MECHANICAL- SOIL AND ROCK	SOIL	LIGHT COMPACTION (OMC)	IS 2720 PART-7
281	MECHANICAL- SOIL AND ROCK	SOIL	LIGHT COMPACTION(MDD)	IS 2720 PART-7
282	MECHANICAL- SOIL AND ROCK	SOIL	LIQUID LIMIT	IS 2720 PART-5
283	MECHANICAL- SOIL AND ROCK	SOIL	MOISTURE CONTENT	IS 2720 PART-2
284	MECHANICAL- SOIL AND ROCK	SOIL	PLASTIC LIMIT	IS 2720 PART-5
285	MECHANICAL- SOIL AND ROCK	SOIL	SIEVE ANALYSIS (Sieve size 75 microns,150 micron,300 micron,425 micron,600 micron,1.18 mm,2 mm,2.36 mm,4.75 mm,10 mm,20 mm,40 mm,50mm,75 mm)	IS 2720 PART-4
286	MECHANICAL- SOIL AND ROCK	SOIL	SPECIFIC GRAVITY	IS 2720 PART-3 SECTION 1
287	MECHANICAL- SOIL AND ROCK	SOIL	UNCONFINED COMPRESSION	IS 2720 PART 10



National Accreditation Board for Testing and Calibration Laboratories

SCOPE OF ACCREDITATION

Laboratory Name :

AQUA LAB ALL BUILDING MATERIAL TESTING PRIVATE LIMITED, GALA NO. 2, J.D ESTATE, MIRA ROAD EAST, THANE, MAHARASHTRA, INDIA

Accreditation Standard

ISO/IEC 17025:2017

Certificate Number

TC-14500

Page No

23 of 24

Validity

13/09/2024 to 12/09/2026

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
Site Testing				
1	MECHANICAL- BUILDINGS MATERIALS	Gypsum Plaster	Pull of Adhesion Strength	ASTM D7234
2	MECHANICAL- SOIL AND ROCK	SOIL	Dry Density of Soil-Core Cutter Method	IS 2720 : Part 29
3	MECHANICAL- SOIL AND ROCK	Soil	Plate Load Test	IS 1888
4	MECHANICAL- SOIL AND ROCK	Soil	Standard Penetration Test	IS 2131
5	MECHANICAL- SOIL AND ROCK	Soil/GSB/WMM	Dry density of soils-Sand replacement Method	IS 2720 : Part 28
6	NON-DESTRUCTIVE- BUILDING MATERIALS - REINFORCED CONCRETE STRUCTURES	CONCRETE	CARBONATION DEPTH	BS EN 14630
7	NON-DESTRUCTIVE- BUILDING MATERIALS - REINFORCED CONCRETE STRUCTURES	CONCRETE	REBOUND HAMMER	IS 516 PART-5/SECTION-4
8	NON-DESTRUCTIVE- BUILDING MATERIALS - REINFORCED CONCRETE STRUCTURES	CONCRETE	ULTRASONIC PULSE VELOCITY	IS 516 PART-5/ SECTION-1
9	NON-DESTRUCTIVE- BUILDING MATERIALS - REINFORCED CONCRETE STRUCTURES	Pile	High-Strain Dynamic Testing of Deep Foundations	ASTM D4945



National Accreditation Board for Testing and Calibration Laboratories

SCOPE OF ACCREDITATION

Laboratory Name :

AQUA LAB ALL BUILDING MATERIAL TESTING PRIVATE LIMITED, GALA NO. 2, J.D ESTATE, MIRA ROAD
EAST, THANE, MAHARASHTRA, INDIA

Accreditation Standard

ISO/IEC 17025:2017

Certificate Number

TC-14500

Page No

24 of 24

Validity

13/09/2024 to 12/09/2026

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
10	NON-DESTRUCTIVE-BUILDING MATERIALS - REINFORCED CONCRETE STRUCTURES	Pile	High-Strain Dynamic Testing of Deep Foundations	IRC 78 Appendix-7, Clause -709.2.4
11	NON-DESTRUCTIVE-BUILDING MATERIALS - REINFORCED CONCRETE STRUCTURES	PILE	LOW STRAIN PILE INTEGRITY	ASTM D5882
12	NON-DESTRUCTIVE-BUILDING MATERIALS - REINFORCED CONCRETE STRUCTURES	Reinforced Cement Concrete (RCC)	COVER DEPTH	BS 1881 (PART- 204)
13	NON-DESTRUCTIVE-BUILDING MATERIALS - REINFORCED CONCRETE STRUCTURES	Reinforced Cement Concrete (RCC)	HALF CELL POTENTIAL	ASTM C876
14	NON-DESTRUCTIVE-METAL & ALLOYS	Metal	Ultrasonic Thickness Guage	IS 15435 (Pulse echo technique)
15	NON-DESTRUCTIVE-METAL & ALLOYS	Metal and Weld Material	Dye Penetration/Liquid Penetration Test	ASTM E165 (Type 2 visible dye penetrant test)
16	NON-DESTRUCTIVE-METAL & ALLOYS	Metal and Weld Material	Magnetic Particle Test	ASTM E-709 (Wet visible method)