



National Accreditation Board for Testing and Calibration Laboratories

SCOPE OF ACCREDITATION

Laboratory Name :

SPECTRO SSA LABS PRIVATE LIMITED, R-489, T.T.C. INDUSTRIAL AREA, MIDC, RABALE, MUMBAI, MAHARASHTRA, INDIA

Accreditation Standard

ISO/IEC 17025:2017

Certificate Number

TC-8163

Page No

1 of 33

Validity

17/10/2025 to 16/10/2029

Last Amended on

10/12/2025

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	BIOLOGICAL- ENVIRONMENT AND POLLUTION	Waste water, STP/ETP water, Treated Water	Coliform count	APHA 9221-B (24th Edition)
2	BIOLOGICAL- ENVIRONMENT AND POLLUTION	Waste water, STP/ETP water, Treated Water	E.coli count	APHA 9221-F -1 & 2 and G-2 (24th Edition)
3	BIOLOGICAL- ENVIRONMENT AND POLLUTION	Waste water, STP/ETP water, Treated Water	Faecal coliform Count	APHA 9221-E-1 & 2 (24th Edition)
4	BIOLOGICAL- ENVIRONMENT AND POLLUTION	Waste water, STP/ETP water, Treated Water	Legionella	ISO 11731
5	BIOLOGICAL- ENVIRONMENT AND POLLUTION	Waste water, STP/ETP water, Treated Water	Standard Plate Count	APHA 9215-B (24th Edition)
6	BIOLOGICAL- WATER	Drinking Water	Coliform Count	IS:15185
7	BIOLOGICAL- WATER	Drinking Water	E.coli	IS:15185
8	BIOLOGICAL- WATER	Drinking Water	Legionella	ISO 11731
9	BIOLOGICAL- WATER	Drinking Water	Standard Plate Count	IS 1622
10	BIOLOGICAL- WATER	Ground Water, Surface Water	Standard Plate Count	IS 1622
11	BIOLOGICAL- WATER	Medicinal Purpose water, RO water	Bacterial Endotoxins	USP 43 Chapter 85 (Gel clot method)
12	BIOLOGICAL- WATER	Medicinal Purpose water, RO water	Total Viable Count	APHA 9215 B (24th Edition)
13	BIOLOGICAL- WATER	Packaged Drinking Water	Coliform Count	IS 15185
14	BIOLOGICAL- WATER	Packaged Drinking Water	E.coli	IS 15185
15	BIOLOGICAL- WATER	Packaged Natural Mineral Water	Coliforms	IS 15185
16	BIOLOGICAL- WATER	Packaged Natural Mineral Water	E.coli	IS 15185
17	BIOLOGICAL- WATER	Swimming pool water	Coliform Count	IS 1622
18	BIOLOGICAL- WATER	Swimming pool water	Standard Plate Count	IS 3328
19	CHEMICAL- BUILDING MATERIAL	Admixture	Ash Content	IS 9103
20	CHEMICAL- BUILDING MATERIAL	Admixture	Chlorides	IS 6925
21	CHEMICAL- BUILDING MATERIAL	Admixture	Dry Material Content	IS 9103
22	CHEMICAL- BUILDING MATERIAL	Admixture	pH	IS 9103



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ISO/IEC 17025:2017

Certificate Number

TC-8163

Page No

2 of 33

Validity

17/10/2025 to 16/10/2029

Last Amended on 10/12/2025

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23	CHEMICAL- BUILDING MATERIAL	Admixture	Relative Density	IS 9103
24	CHEMICAL- BUILDING MATERIAL	Admixture	Sulphates	SOP/CHE/03/ADMIX/001: Issue Date10/08/2018
25	CHEMICAL- BUILDING MATERIAL	Aggregates	Acid Soluble Chlorides	IS 14959 Part 2
26	CHEMICAL- BUILDING MATERIAL	Aggregates	Alkali Aggregate Reactivity (Dissolved Silica (Sc))	IS 2386 Part VII (Cl. 3)
27	CHEMICAL- BUILDING MATERIAL	Aggregates	Alkali Aggregate Reactivity (Reduction In Alkalinity) (Rc)	IS 2386 Part VII (Cl. 3)
28	CHEMICAL- BUILDING MATERIAL	Aggregates	Chlorides	BS EN 1744-1
29	CHEMICAL- BUILDING MATERIAL	Aggregates	Sulphate as SO ₃	BS EN 1744-1
30	CHEMICAL- BUILDING MATERIAL	Aggregates	Sulphate as SO ₃	IS 4032
31	CHEMICAL- BUILDING MATERIAL	Aggregates	water Soluble Chlorides	IS 14959 Part 2
32	CHEMICAL- BUILDING MATERIAL	Cement (OPC)	Alumina (Al ₂ O ₃)	IS 4032
33	CHEMICAL- BUILDING MATERIAL	Cement (OPC)	Chlorides (Cl)	IS 4032
34	CHEMICAL- BUILDING MATERIAL	Cement (OPC)	Insoluble Residue (IR)	IS 4032
35	CHEMICAL- BUILDING MATERIAL	Cement (OPC)	Iron Oxide (Fe ₂ O ₃)	IS 4032
36	CHEMICAL- BUILDING MATERIAL	Cement (OPC)	Lime (CaO)	IS 4032
37	CHEMICAL- BUILDING MATERIAL	Cement (OPC)	Loss on Ignition (LOI)	IS 4032
38	CHEMICAL- BUILDING MATERIAL	Cement (OPC)	Magnesia (MgO)	IS 4032
39	CHEMICAL- BUILDING MATERIAL	Cement (OPC)	Potash (K ₂ O)	IS 4032
40	CHEMICAL- BUILDING MATERIAL	Cement (OPC)	Silica (SiO ₂)	IS 4032
41	CHEMICAL- BUILDING MATERIAL	Cement (OPC)	Soda (Na ₂ O)	IS 4032
42	CHEMICAL- BUILDING MATERIAL	Cement (OPC)	Sulphuric Anhydride (SO ₃)	IS 4032



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Accreditation Standard ISO/IEC 17025:2017

Certificate Number TC-8163

Validity 17/10/2025 to 16/10/2029

Page No 3 of 33

Last Amended on 10/12/2025

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43	CHEMICAL- BUILDING MATERIAL	Cement (PPC)	Chlorides (Cl)	IS 4032
44	CHEMICAL- BUILDING MATERIAL	Cement (PPC)	Insoluble Residue (IR)	IS 4032
45	CHEMICAL- BUILDING MATERIAL	Cement (PPC)	Loss on Ignition (LOI)	IS 4032
46	CHEMICAL- BUILDING MATERIAL	Cement (PPC)	Magnesia (MgO)	IS 4032
47	CHEMICAL- BUILDING MATERIAL	Cement (PPC)	Potash (K ₂ O)	IS 4032
48	CHEMICAL- BUILDING MATERIAL	Cement (PPC)	Soda (Na ₂ O)	IS 4032
49	CHEMICAL- BUILDING MATERIAL	Cement (PPC)	Sulphuric Anhydride (SO ₃)	IS 4032
50	CHEMICAL- BUILDING MATERIAL	Cement (PSC)	Alumina (Al ₂ O ₃)	IS 4032
51	CHEMICAL- BUILDING MATERIAL	Cement (PSC)	Chlorides (Cl)	IS 4032
52	CHEMICAL- BUILDING MATERIAL	Cement (PSC)	Insoluble Residue (IR)	IS 4032
53	CHEMICAL- BUILDING MATERIAL	Cement (PSC)	Iron Oxide (Fe ₂ O ₃)	IS 4032
54	CHEMICAL- BUILDING MATERIAL	Cement (PSC)	Lime (CaO)	IS 4032
55	CHEMICAL- BUILDING MATERIAL	Cement (PSC)	Loss on Ignition (LOI)	IS 4032
56	CHEMICAL- BUILDING MATERIAL	Cement (PSC)	Magnesia (MgO)	IS 4032
57	CHEMICAL- BUILDING MATERIAL	Cement (PSC)	Potash (K ₂ O)	IS 4032
58	CHEMICAL- BUILDING MATERIAL	Cement (PSC)	Silica (SiO ₂)	IS 4032
59	CHEMICAL- BUILDING MATERIAL	Cement (PSC)	Soda (Na ₂ O)	IS 4032
60	CHEMICAL- BUILDING MATERIAL	Cement (PSC)	Sulphuric Anhydride (SO ₃)	IS 4032
61	CHEMICAL- BUILDING MATERIAL	Cement (White Cement)	Alumina (Al ₂ O ₃)	IS 4032
62	CHEMICAL- BUILDING MATERIAL	Cement (White Cement)	Chlorides (Cl)	IS 4032



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Accreditation Standard

ISO/IEC 17025:2017

Certificate Number

TC-8163

Page No

4 of 33

Validity

17/10/2025 to 16/10/2029

Last Amended on 10/12/2025

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63	CHEMICAL- BUILDING MATERIAL	Cement (White Cement)	Insoluble Residue (IR)	IS 4032
64	CHEMICAL- BUILDING MATERIAL	Cement (White Cement)	Iron Oxide (Fe ₂ O ₃)	IS 4032
65	CHEMICAL- BUILDING MATERIAL	Cement (White Cement)	Lime (CaO)	IS 4032
66	CHEMICAL- BUILDING MATERIAL	Cement (White Cement)	Loss on Ignition (LOI)	IS 4032
67	CHEMICAL- BUILDING MATERIAL	Cement (White Cement)	Magnesia (MgO)	IS 4032
68	CHEMICAL- BUILDING MATERIAL	Cement (White Cement)	Potash (K ₂ O)	IS 4032
69	CHEMICAL- BUILDING MATERIAL	Cement (White Cement)	Silica (SiO ₂)	IS 4032
70	CHEMICAL- BUILDING MATERIAL	Cement (White Cement)	Soda (Na ₂ O)	IS 4032
71	CHEMICAL- BUILDING MATERIAL	Cement (White Cement)	Sulphuric Anhydride (SO ₃)	IS 4032
72	CHEMICAL- BUILDING MATERIAL	Concrete	Cement content	BS 1881 Part 124
73	CHEMICAL- BUILDING MATERIAL	Concrete	Cement content	IS 516 Part 11
74	CHEMICAL- BUILDING MATERIAL	Concrete	Chlorides	BS 1881 Part 124
75	CHEMICAL- BUILDING MATERIAL	Concrete	Chlorides	IS 14959 Part 2
76	CHEMICAL- BUILDING MATERIAL	Concrete	Sulphates	BS 1881 Part 124
77	CHEMICAL- BUILDING MATERIAL	Fly ash	Alumina (Al ₂ O ₃)	ASTM C114
78	CHEMICAL- BUILDING MATERIAL	Fly ash	Alumina (Al ₂ O ₃)	ASTM C311/C311M
79	CHEMICAL- BUILDING MATERIAL	Fly ash	Available Alkali (Na ₂ O)	IS 3812 Part 1 (Annex C)
80	CHEMICAL- BUILDING MATERIAL	Fly ash	Iron Oxide (Fe ₂ O ₃)	ASTM C114
81	CHEMICAL- BUILDING MATERIAL	Fly ash	Iron Oxide (Fe ₂ O ₃)	ASTM C311/C311M
82	CHEMICAL- BUILDING MATERIAL	Fly ash	Lime (CaO)	ASTM C114



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Accreditation Standard

ISO/IEC 17025:2017

Certificate Number

TC-8163

Page No

5 of 33

Validity

17/10/2025 to 16/10/2029

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83	CHEMICAL- BUILDING MATERIAL	Fly ash	Lime (CaO)	ASTM C311/C331M
84	CHEMICAL- BUILDING MATERIAL	Fly ash	Lime (CaO)	IS 1727
85	CHEMICAL- BUILDING MATERIAL	Fly ash	Loss on Ignition (LOI)	ASTM C311/C331M
86	CHEMICAL- BUILDING MATERIAL	Fly ash	Magnesia (MgO)	ASTM C114
87	CHEMICAL- BUILDING MATERIAL	Fly ash	Magnesia (MgO)	ASTM C311/C331M
88	CHEMICAL- BUILDING MATERIAL	Fly ash	Moisture content	ASTM C311/C331M
89	CHEMICAL- BUILDING MATERIAL	Fly ash	Moisture content	IS 3812 Part 1
90	CHEMICAL- BUILDING MATERIAL	Fly ash	Potash (K ₂ O)	ASTM C114
91	CHEMICAL- BUILDING MATERIAL	Fly ash	Potash (K ₂ O)	ASTM C311/C311M
92	CHEMICAL- BUILDING MATERIAL	Fly ash	Potash (K ₂ O)	IS 1727
93	CHEMICAL- BUILDING MATERIAL	Fly ash	Silica (SiO ₂)	ASTM C311/C311M
94	CHEMICAL- BUILDING MATERIAL	Fly ash	Silica(SiO ₂)	ASTM C114
95	CHEMICAL- BUILDING MATERIAL	Fly ash	Soda (Na ₂ O)	ASTM C114
96	CHEMICAL- BUILDING MATERIAL	Fly ash	Soda (Na ₂ O)	ASTM C311/C311M
97	CHEMICAL- BUILDING MATERIAL	Fly ash	Soda (Na ₂ O)	IS 1727
98	CHEMICAL- BUILDING MATERIAL	Fly ash	Sulphuric Anhydride (SO ₃)	ASTM C114
99	CHEMICAL- BUILDING MATERIAL	Fly ash	Sulphuric Anhydride (SO ₃)	ASTM C311/C311M
100	CHEMICAL- BUILDING MATERIAL	Fly ash, Ultrafine Flyash	Alumina (Al ₂ O ₃)	IS 1727
101	CHEMICAL- BUILDING MATERIAL	Fly ash, Ultrafine Flyash	Chlorides (Cl)	IS 4032
102	CHEMICAL- BUILDING MATERIAL	Fly ash, Ultrafine Flyash	Iron Oxide (Fe ₂ O ₃)	IS 1727



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ISO/IEC 17025:2017

Certificate Number

TC-8163

Page No

6 of 33

Validity

17/10/2025 to 16/10/2029

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103	CHEMICAL- BUILDING MATERIAL	Fly ash, Ultrafine Flyash	Loss on Ignition (LOI)	IS 1727
104	CHEMICAL- BUILDING MATERIAL	Fly ash, Ultrafine Flyash	Magnesia (MgO)	IS 1727
105	CHEMICAL- BUILDING MATERIAL	Fly ash, Ultrafine Flyash	Silica (SiO ₂)	IS 1727
106	CHEMICAL- BUILDING MATERIAL	Fly ash, Ultrafine Flyash	Sulphuric Anhydride (SO ₃)	IS 1727
107	CHEMICAL- BUILDING MATERIAL	Granulated Slag, Ultrafine Granulated Slag	Alumina (Al ₂ O ₃)	IS 4032
108	CHEMICAL- BUILDING MATERIAL	Granulated Slag, Ultrafine Granulated Slag	Chlorides (Cl)	IS 4032
109	CHEMICAL- BUILDING MATERIAL	Granulated Slag, Ultrafine Granulated Slag	Insoluble matter	IS 4032
110	CHEMICAL- BUILDING MATERIAL	Granulated Slag, Ultrafine Granulated Slag	Iron Oxide (Fe ₂ O ₃)	IS 4032
111	CHEMICAL- BUILDING MATERIAL	Granulated Slag, Ultrafine Granulated Slag	Lime (CaO)	IS 4032
112	CHEMICAL- BUILDING MATERIAL	Granulated Slag, Ultrafine Granulated Slag	Loss on Ignition	IS 4032
113	CHEMICAL- BUILDING MATERIAL	Granulated Slag, Ultrafine Granulated Slag	Magnesia (MgO)	IS 4032
114	CHEMICAL- BUILDING MATERIAL	Granulated Slag, Ultrafine Granulated Slag	Manganese Oxide (MnO)	IS 4032
115	CHEMICAL- BUILDING MATERIAL	Granulated Slag, Ultrafine Granulated Slag	Moisture	IS 16714
116	CHEMICAL- BUILDING MATERIAL	Granulated Slag, Ultrafine Granulated Slag	Moisture	IS 4032
117	CHEMICAL- BUILDING MATERIAL	Granulated Slag, Ultrafine Granulated Slag	Moisture Content	IS 16715
118	CHEMICAL- BUILDING MATERIAL	Granulated Slag, Ultrafine Granulated Slag	Silica (SiO ₂)	IS 4032
119	CHEMICAL- BUILDING MATERIAL	Granulated Slag, Ultrafine Granulated Slag	Sulphate (SO ₃)	IS 4032
120	CHEMICAL- BUILDING MATERIAL	Gypsum	Combined Iron oxide & Alumina	IS 1288
121	CHEMICAL- BUILDING MATERIAL	Gypsum	Free Lime	IS 2547 Part 1 (App C)
122	CHEMICAL- BUILDING MATERIAL	Gypsum	Lime (CaO)	IS 1288



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ISO/IEC 17025:2017

Certificate Number

TC-8163

Page No

7 of 33

Validity

17/10/2025 to 16/10/2029

Last Amended on 10/12/2025

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123	CHEMICAL- BUILDING MATERIAL	Gypsum	Loss on Ignition (LOI)	IS 2547 Part 1 (App B)
124	CHEMICAL- BUILDING MATERIAL	Gypsum	Magnesia (MgO)	IS 2547 Part 1 (App A)
125	CHEMICAL- BUILDING MATERIAL	Gypsum	Magnesium Oxide	IS 1288
126	CHEMICAL- BUILDING MATERIAL	Gypsum	Silica & Acid Insoluble	IS 1288
127	CHEMICAL- BUILDING MATERIAL	Gypsum	Soda (Na ₂ O)	IS 2547 Part 1 (App A)
128	CHEMICAL- BUILDING MATERIAL	Gypsum	Sulphates	IS 1288
129	CHEMICAL- BUILDING MATERIAL	Micro silica, Silica Fumes	Available Alkali (as Na ₂ O)	IS 15388
130	CHEMICAL- BUILDING MATERIAL	Micro silica, Silica Fumes	Loss on Ignition (LOI)	ASTM C311/C311M
131	CHEMICAL- BUILDING MATERIAL	Micro silica, Silica Fumes	Loss on Ignition (LOI)	IS 1727
132	CHEMICAL- BUILDING MATERIAL	Micro silica, Silica Fumes	Moisture	ASTM C311/C311M
133	CHEMICAL- BUILDING MATERIAL	Micro silica, Silica Fumes	Moisture	IS 15388
134	CHEMICAL- BUILDING MATERIAL	Micro silica, Silica Fumes	Potash (K ₂ O)	ASTM C114
135	CHEMICAL- BUILDING MATERIAL	Micro silica, Silica Fumes	Potash (K ₂ O)	ASTM C311/C311M
136	CHEMICAL- BUILDING MATERIAL	Micro silica, Silica Fumes	Silica (SiO ₂)	ASTM C311/C311M
137	CHEMICAL- BUILDING MATERIAL	Micro silica, Silica Fumes	Silica (SiO ₂)	IS 1727
138	CHEMICAL- BUILDING MATERIAL	Micro silica, Silica Fumes	Soda (Na ₂ O)	ASTM C114
139	CHEMICAL- BUILDING MATERIAL	Micro silica, Silica Fumes	Soda (Na ₂ O)	ASTM C311/C311M
140	CHEMICAL- BUILDING MATERIAL	Micro silica, Silica Fumes	Soda (Na ₂ O)	IS 4032
141	CHEMICAL- CORROSION TESTS	Metal and their Alloys , Metallic Coatings(Anodic and Cathodic), Conversion Coatings, Anodic Oxide Coatings, Organic Coatings on Metallic materials	Salt spray Test (NSS)	ASTM B117



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Accreditation Standard

ISO/IEC 17025:2017

Certificate Number

TC-8163

Page No

8 of 33

Validity

17/10/2025 to 16/10/2029

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10/12/2025

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142	CHEMICAL- CORROSION TESTS	Metal and their Alloys , Metallic Coatings(Anodic and Cathodic), Conversion Coatings, Anodic Oxide Coatings, Organic Coatings on Metallic materials	Salt Spray Test (NSS)	BS EN ISO 10289
143	CHEMICAL- CORROSION TESTS	Metal and their Alloys , Metallic Coatings(Anodic and Cathodic), Conversion Coatings, Anodic Oxide Coatings, Organic Coatings on Metallic materials	Salt Spray Test (NSS)	ISO 9227
144	CHEMICAL- INDUSTRIAL & FINE CHEMICALS	Sodium Silicate	Matter in soluble	IS 14212
145	CHEMICAL- INDUSTRIAL & FINE CHEMICALS	Sodium Silicate	Matter in soluble	IS 6773
146	CHEMICAL- INDUSTRIAL & FINE CHEMICALS	Sodium Silicate	pH	IS 6773
147	CHEMICAL- INDUSTRIAL & FINE CHEMICALS	Sodium Silicate	Solid Content	IS: 6773
148	CHEMICAL- INDUSTRIAL & FINE CHEMICALS	Sodium Silicate	Specific gravity	IS: 6773
149	CHEMICAL- INDUSTRIAL & FINE CHEMICALS	Sodium Silicate	Specific gravity	IS:14212
150	CHEMICAL- INDUSTRIAL & FINE CHEMICALS	Sodium Silicate	Total Alkalinity	IS 14212
151	CHEMICAL- INDUSTRIAL & FINE CHEMICALS	Sodium Silicate	Total Alkalinity	IS: 6773
152	CHEMICAL- INDUSTRIAL & FINE CHEMICALS	Sodium Silicate	Total Soluble Silica (SiO ₂)	IS 6773
153	CHEMICAL- INDUSTRIAL & FINE CHEMICALS	Sodium Silicate	Total Soluble Silica (SiO ₂)	IS:14212
154	CHEMICAL- METALLIC COATINGS & TREATMENT SOLUTIONS	Ferrous and non-ferrous Articles	Anodising Thickness	IS 6012
155	CHEMICAL- METALLIC COATINGS & TREATMENT SOLUTIONS	Ferrous and non-ferrous Articles	Coating thickness (Ni Coating)	ASTM E376
156	CHEMICAL- METALLIC COATINGS & TREATMENT SOLUTIONS	Ferrous and non-ferrous Articles	Coating thickness (Ni Coating)	IS 6012
157	CHEMICAL- METALLIC COATINGS & TREATMENT SOLUTIONS	ferrous and non-ferrous Articles	Coating thickness (Zn Coating)	ASTM E376
158	CHEMICAL- METALLIC COATINGS & TREATMENT SOLUTIONS	ferrous and non-ferrous Articles	Coating thickness (Zn Coating)	IS 6012



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Page No 9 of 33

Last Amended on 10/12/2025

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159	CHEMICAL- METALLIC COATINGS & TREATMENT SOLUTIONS	Iron & Steel Article	Adhesion Tests of Zinc coating on Zinc coated iron & Steel Article	IS 2629
160	CHEMICAL- METALLIC COATINGS & TREATMENT SOLUTIONS	Iron & Steel Article	Determination of Mass of Zinc coating on Zinc coated iron & Steel Article	IS 6745
161	CHEMICAL- METALLIC COATINGS & TREATMENT SOLUTIONS	Iron & Steel Article	uniformity /continuity of Zinc coating on Zinc coated iron & Steel Article	IS 2633
162	CHEMICAL- METALS & ALLOYS	Low Alloy & Carbon Steel	Aluminium	ASTM E415
163	CHEMICAL- METALS & ALLOYS	Low Alloy & Carbon Steel	Aluminium	IS 8811
164	CHEMICAL- METALS & ALLOYS	Low Alloy & Carbon Steel	Aluminium	JIS G-1253
165	CHEMICAL- METALS & ALLOYS	Low Alloy & Carbon Steel	Boron	ASTM E415
166	CHEMICAL- METALS & ALLOYS	Low Alloy & Carbon Steel	Boron	IS 8811
167	CHEMICAL- METALS & ALLOYS	Low Alloy & Carbon Steel	Boron	JIS G-1253
168	CHEMICAL- METALS & ALLOYS	Low Alloy & Carbon Steel	Carbon	ASTM E415
169	CHEMICAL- METALS & ALLOYS	Low Alloy & Carbon Steel	Carbon	IS 8811
170	CHEMICAL- METALS & ALLOYS	Low Alloy & Carbon Steel	Chromium	ASTM E415
171	CHEMICAL- METALS & ALLOYS	Low Alloy & Carbon Steel	Chromium	IS 8811
172	CHEMICAL- METALS & ALLOYS	Low Alloy & Carbon Steel	Cobalt	ASTM E415
173	CHEMICAL- METALS & ALLOYS	Low Alloy & Carbon Steel	Cobalt	IS 8811
174	CHEMICAL- METALS & ALLOYS	Low Alloy & Carbon Steel	Copper	ASTM E415
175	CHEMICAL- METALS & ALLOYS	Low Alloy & Carbon Steel	Copper	IS 8811
176	CHEMICAL- METALS & ALLOYS	Low Alloy & Carbon Steel	Copper	JIS G-1253
177	CHEMICAL- METALS & ALLOYS	Low Alloy & Carbon Steel	Lead	ASTM E415



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Page No

10 of 33

Validity

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10/12/2025

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178	CHEMICAL- METALS & ALLOYS	Low Alloy & Carbon Steel	Lead	JIS G-1253
179	CHEMICAL- METALS & ALLOYS	Low Alloy & Carbon Steel	Manganese	ASTM E415
180	CHEMICAL- METALS & ALLOYS	Low Alloy & Carbon Steel	Manganese	IS 8811
181	CHEMICAL- METALS & ALLOYS	Low Alloy & Carbon Steel	Molybdenum	ASTM E415
182	CHEMICAL- METALS & ALLOYS	Low Alloy & Carbon Steel	Molybdenum	IS 8811
183	CHEMICAL- METALS & ALLOYS	Low Alloy & Carbon Steel	Nickel	ASTM E415
184	CHEMICAL- METALS & ALLOYS	Low Alloy & Carbon Steel	Nickel	IS 8811
185	CHEMICAL- METALS & ALLOYS	Low Alloy & Carbon Steel	Nickel	JIS G-1253
186	CHEMICAL- METALS & ALLOYS	Low Alloy & Carbon Steel	Niobium	ASTM E415
187	CHEMICAL- METALS & ALLOYS	Low Alloy & Carbon Steel	Niobium	IS 8811
188	CHEMICAL- METALS & ALLOYS	Low Alloy & Carbon Steel	Niobium	JIS G-1253
189	CHEMICAL- METALS & ALLOYS	Low Alloy & Carbon Steel	Phosphorous	ASTM E415
190	CHEMICAL- METALS & ALLOYS	Low Alloy & Carbon Steel	Phosphorous	IS 8811
191	CHEMICAL- METALS & ALLOYS	Low Alloy & Carbon Steel	Silicon	ASTM E415
192	CHEMICAL- METALS & ALLOYS	Low Alloy & Carbon Steel	Silicon	IS 8811
193	CHEMICAL- METALS & ALLOYS	Low Alloy & Carbon Steel	Silicon	JIS G-1253
194	CHEMICAL- METALS & ALLOYS	Low Alloy & Carbon Steel	Sulphur	ASTM E415
195	CHEMICAL- METALS & ALLOYS	Low Alloy & Carbon Steel	Sulphur	IS 8811
196	CHEMICAL- METALS & ALLOYS	Low Alloy & Carbon Steel	Sulphur	JIS G-1253
197	CHEMICAL- METALS & ALLOYS	Low Alloy & Carbon Steel	Titanium	ASTM E415



National Accreditation Board for Testing and Calibration Laboratories

SCOPE OF ACCREDITATION

Laboratory Name :

SPECTRO SSA LABS PRIVATE LIMITED, R-489, T.T.C. INDUSTRIAL AREA,
MIDC, RABALE, MUMBAI, MAHARASHTRA, INDIA

Accreditation Standard

ISO/IEC 17025:2017

Certificate Number

TC-8163

Page No

11 of 33

Validity

17/10/2025 to 16/10/2029

Last Amended on 10/12/2025

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
198	CHEMICAL- METALS & ALLOYS	Low Alloy & Carbon Steel	Titanium	IS 8811
199	CHEMICAL- METALS & ALLOYS	Low Alloy & Carbon Steel	Titanium	JIS G-1253
200	CHEMICAL- METALS & ALLOYS	Low Alloy & Carbon Steel	Vanadium	ASTM E415
201	CHEMICAL- METALS & ALLOYS	Low Alloy & Carbon Steel	Vanadium	IS 8811
202	CHEMICAL- METALS & ALLOYS	Low Alloy & Carbon Steel	Zirconium	IS 8811
203	CHEMICAL- METALS & ALLOYS	Low Alloy & Carbon Steel	Zirconium	JIS G-1253
204	CHEMICAL- METALS & ALLOYS	Stainless Steel	Aluminium	JIS G-1253
205	CHEMICAL- METALS & ALLOYS	Stainless Steel	Carbon	ASTM E1086
206	CHEMICAL- METALS & ALLOYS	Stainless Steel	Carbon	IS 9879
207	CHEMICAL- METALS & ALLOYS	Stainless Steel	Chromium	ASTM E1086
208	CHEMICAL- METALS & ALLOYS	Stainless Steel	Chromium	IS 9879
209	CHEMICAL- METALS & ALLOYS	Stainless Steel	Chromium	JIS G-1253
210	CHEMICAL- METALS & ALLOYS	Stainless Steel	Cobalt	JIS G-1253
211	CHEMICAL- METALS & ALLOYS	Stainless Steel	Copper	ASTM E1086
212	CHEMICAL- METALS & ALLOYS	Stainless Steel	Copper	IS 9879
213	CHEMICAL- METALS & ALLOYS	Stainless Steel	Copper	JIS G-1253
214	CHEMICAL- METALS & ALLOYS	Stainless Steel	Manganese	ASTM E1086
215	CHEMICAL- METALS & ALLOYS	Stainless Steel	Manganese	IS 9879
216	CHEMICAL- METALS & ALLOYS	Stainless Steel	Molybdenum	ASTM E1086
217	CHEMICAL- METALS & ALLOYS	Stainless Steel	Molybdenum	IS 9879



National Accreditation Board for Testing and Calibration Laboratories

SCOPE OF ACCREDITATION

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MIDC, RABALE, MUMBAI, MAHARASHTRA, INDIA

Accreditation Standard

ISO/IEC 17025:2017

Certificate Number

TC-8163

Page No

12 of 33

Validity

17/10/2025 to 16/10/2029

Last Amended on 10/12/2025

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
218	CHEMICAL- METALS & ALLOYS	Stainless Steel	Molybdenum	JIS G-1253
219	CHEMICAL- METALS & ALLOYS	Stainless Steel	Nickel	ASTM E1086
220	CHEMICAL- METALS & ALLOYS	Stainless Steel	Nickel	IS 9879
221	CHEMICAL- METALS & ALLOYS	Stainless Steel	Nickel	JIS G-1253
222	CHEMICAL- METALS & ALLOYS	Stainless Steel	Phosphorous	ASTM E1086
223	CHEMICAL- METALS & ALLOYS	Stainless Steel	Phosphorous	IS 9879
224	CHEMICAL- METALS & ALLOYS	Stainless Steel	Silicon	ASTM E1086
225	CHEMICAL- METALS & ALLOYS	Stainless Steel	Silicon	IS 9879
226	CHEMICAL- METALS & ALLOYS	Stainless Steel	Sulphur	ASTM E1086-
227	CHEMICAL- METALS & ALLOYS	Stainless Steel	Sulphur	IS 9879
228	CHEMICAL- METALS & ALLOYS	Stainless Steel	Sulphur	JIS G-1253
229	CHEMICAL- METALS & ALLOYS	Stainless Steel	Titanium	JIS G-1253
230	CHEMICAL- METALS & ALLOYS	Stainless Steel	Vanadium	JIS G-1253
231	CHEMICAL- POLLUTION & ENVIRONMENT	Soil	Calcium carbonate	IS 2720 Part 23
232	CHEMICAL- POLLUTION & ENVIRONMENT	Soil	Chloride Content	BS 1377 Part 3
233	CHEMICAL- POLLUTION & ENVIRONMENT	Soil	pH	IS 2720 Part 26
234	CHEMICAL- POLLUTION & ENVIRONMENT	Soil	Total soluble solids	IS 2720 Part 21
235	CHEMICAL- POLLUTION & ENVIRONMENT	Soil	Total soluble Sulphates (SO ₄)	IS 2720 Part 27
236	CHEMICAL- POLLUTION & ENVIRONMENT	Soil, Reclamation material	Organic matter	IS 2720 Part 22
237	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water (ETP, STP, TTP, Sewage water), Treated water	Acidity	IS 3025 Part 22 (Cl 8.1)



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MIDC, RABALE, MUMBAI, MAHARASHTRA, INDIA

Accreditation Standard

ISO/IEC 17025:2017

Certificate Number

TC-8163

Page No

13 of 33

Validity

17/10/2025 to 16/10/2029

Last Amended on 10/12/2025

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
238	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water (ETP, STP, TTP, Sewage water), Treated water	BOD @ 3days @ 27°C	IS 3025 Part 44
239	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water (ETP, STP, TTP, Sewage water), Treated water	Calcium	IS 3025 Part 40 (Cl. 5)
240	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water (ETP, STP, TTP, Sewage water), Treated water	Carbonate Hardness	IS 3025 Part 21 (Cl. 7)
241	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water (ETP, STP, TTP, Sewage water), Treated water	Chloride	APHA 4500 Cl B (24th Edition)
242	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water (ETP, STP, TTP, Sewage water), Treated water	Chloride	IS 3025 Part 32 (Cl. 2)
243	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water (ETP, STP, TTP, Sewage water), Treated water	COD	APHA 5220B (24th Edition)
244	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water (ETP, STP, TTP, Sewage water), Treated water	COD	IS 3025 Part 58
245	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water (ETP, STP, TTP, Sewage water), Treated water	Colour	APHA 2120 (24th Edition)
246	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water (ETP, STP, TTP, Sewage water), Treated water	Colour	IS 3025 Part 4 (Cl. 4)
247	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water (ETP, STP, TTP, Sewage water), Treated water	Copper	IS 3025 Part 42 (Cl.6)
248	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water (ETP, STP, TTP, Sewage water), Treated water	Dissolve Oxygen	APHA 4500 C (24th Edition)
249	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water (ETP, STP, TTP, Sewage water), Treated water	Dissolve Oxygen	IS 3025 Part 38 (Cl.4)
250	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water (ETP, STP, TTP, Sewage water), Treated water	Electrical conductivity	APHA 2510 (24th Edition)
251	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water (ETP, STP, TTP, Sewage water), Treated water	Electrical conductivity	IS 3025 Part 14
252	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water (ETP, STP, TTP, Sewage water), Treated water	Iron	IS 3025 Part 53 (Cl. 6)
253	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water (ETP, STP, TTP, Sewage water), Treated water	Magnesium	IS 3025 Part 46 (Cl. 6)
254	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water (ETP, STP, TTP, Sewage water), Treated water	Manganese	IS 3025 Part 59 (Cl. 6)
255	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water (ETP, STP, TTP, Sewage water), Treated water	Nitrite	IS 3025 Part 34 (Cl 4)
256	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water (ETP, STP, TTP, Sewage water), Treated water	Non Carbonate Hardness	IS 3025 Part 21 (Cl. 7)
257	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water (ETP, STP, TTP, Sewage water), Treated water	Oil and Grease	APHA 5520 (24th Edition)



National Accreditation Board for Testing and Calibration Laboratories

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MIDC, RABALE, MUMBAI, MAHARASHTRA, INDIA

Accreditation Standard

ISO/IEC 17025:2017

Certificate Number

TC-8163

Page No

14 of 33

Validity

17/10/2025 to 16/10/2029

Last Amended on 10/12/2025

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
258	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water (ETP, STP, TTP, Sewage water), Treated water	Oil and Grease	IS 3025 Part 39 (Cl. 5)
259	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water (ETP, STP, TTP, Sewage water), Treated water	pH Value	APHA 4500 H + (24th Edition)
260	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water (ETP, STP, TTP, Sewage water), Treated water	pH Value	IS 3025 Part 11
261	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water (ETP, STP, TTP, Sewage water), Treated water	Phenolphthalein alkanity	IS 3025 Part 23 (Cl. 8.1)
262	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water (ETP, STP, TTP, Sewage water), Treated water	Phosphate	IS 3025 Part 31:Sce-1 (Cl. 4)
263	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water (ETP, STP, TTP, Sewage water), Treated water	Phosphorus	IS 3025 Part 31:Sec 1 (Cl. 4)
264	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water (ETP, STP, TTP, Sewage water), Treated water	Reactive Silica	IS 3025 Part 35 (Cl. 2 & 3)
265	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water (ETP, STP, TTP, Sewage water), Treated water	Residual Free Chlorine	IS 3025 Part 26 (Cl.7.0)
266	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water (ETP, STP, TTP, Sewage water), Treated water	Sulphate	IS 3025 Part 24: Sec-1 (Cl.4 & 5)
267	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water (ETP, STP, TTP, Sewage water), Treated water	Total Alkalinity	IS 3025 Part 23 (Cl. 8.1)
268	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water (ETP, STP, TTP, Sewage water), Treated water	Total Chromium	APHA 3500 Cr B (24th Edition)
269	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water (ETP, STP, TTP, Sewage water), Treated water	Total Chromium	IS 3025 Part 52
270	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water (ETP, STP, TTP, Sewage water), Treated water	Total Dissolved Solids	APHA 2540 B (24th Edition)
271	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water (ETP, STP, TTP, Sewage water), Treated water	Total Dissolved Solids	IS 3025 Part 16
272	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water (ETP, STP, TTP, Sewage water), Treated water	Total Hardness	APHA 2340 C (24th Edition)
273	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water (ETP, STP, TTP, Sewage water), Treated water	Total Hardness	IS 3025 Part-21 (Cl. 5)
274	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water (ETP, STP, TTP, Sewage water), Treated water	Total Suspended Solids	APHA 2540 (24th Edition)
275	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water (ETP, STP, TTP, Sewage water), Treated water	Total Suspended Solids	IS 3025 Part 17
276	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water (ETP, STP, TTP, Sewage water), Treated water	Turbidity	IS 3025 Part 10
277	CHEMICAL- RESIDUES IN WATER	Drinking Water	Cadmium	IS 3025 Part 41 (Cl.6)



National Accreditation Board for Testing and Calibration Laboratories

SCOPE OF ACCREDITATION

Laboratory Name :

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MIDC, RABALE, MUMBAI, MAHARASHTRA, INDIA

Accreditation Standard

ISO/IEC 17025:2017

Certificate Number

TC-8163

Page No

15 of 33

Validity

17/10/2025 to 16/10/2029

Last Amended on

10/12/2025

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
278	CHEMICAL- RESIDUES IN WATER	Drinking Water	Chromium	IS 3025 Part 52 (Cl.7)
279	CHEMICAL- RESIDUES IN WATER	Drinking Water	Copper	IS 3025 Part 42(Cl.6)
280	CHEMICAL- RESIDUES IN WATER	Drinking Water	Iron	APHA 3500 Fe B(24th Edition)
281	CHEMICAL- RESIDUES IN WATER	Drinking Water	Iron	IS 3025 Part 53 (Cl.6)
282	CHEMICAL- RESIDUES IN WATER	Drinking Water	Lead	IS 3025 Part 47 (Cl.7)
283	CHEMICAL- RESIDUES IN WATER	Drinking Water	Manganese	IS 3025 Part 59 (Cl.5)
284	CHEMICAL- RESIDUES IN WATER	Drinking Water	Nickel	IS 3025 Part 54 (Cl.7)
285	CHEMICAL- RESIDUES IN WATER	Medicinal Purpose water	Chromium	APHA 3113-B(24th Edition)
286	CHEMICAL- RESIDUES IN WATER	Medicinal Purpose water	Chromium	IS:3025 Part 52 (Cl.7)
287	CHEMICAL- RESIDUES IN WATER	Medicinal Purpose water	Copper	APHA 3113-B(24th Edition)
288	CHEMICAL- RESIDUES IN WATER	Medicinal Purpose water	Copper	IS:3025 Part 42(Cl.6)
289	CHEMICAL- RESIDUES IN WATER	Medicinal Purpose water	Iron	IS 3025 Part 53 (Cl.6)
290	CHEMICAL- RESIDUES IN WATER	Medicinal Purpose water	Manganese	IS 3025 Part 59 (Cl.5)
291	CHEMICAL- RESIDUES IN WATER	Water for Storage Batteries	Iron	APHA 3500 Fe B (24th Edition)
292	CHEMICAL- RESIDUES IN WATER	Water for Storage Batteries	Iron	IS 3025 Part 53 (Cl.6)
293	CHEMICAL- RESIDUES IN WATER	Water for Storage Batteries	Lead	IS 3025 Part 47 (Cl.7)
294	CHEMICAL- RESIDUES IN WATER	Water for Swimming Pool	Iron	IS 3025 Part 53 (Cl. 6)
295	CHEMICAL- RESIDUES IN WATER	Water for Swimming Pool	Lead	IS 3025 Part 47 (Cl.7)
296	CHEMICAL- SOLID FUELS	Coal	Ash Content	IS 1350 Part 1
297	CHEMICAL- SOLID FUELS	Coal	Fixed Carbon	IS 1350 Part 1
298	CHEMICAL- SOLID FUELS	Coal	Gross Calorific Value	IS 1350 Part 2
299	CHEMICAL- SOLID FUELS	Coal	Total Moisture	IS 1350 Part 1

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MIDC, RABALE, MUMBAI, MAHARASHTRA, INDIA

Accreditation Standard

ISO/IEC 17025:2017

Certificate Number

TC-8163

Page No

16 of 33

Validity

17/10/2025 to 16/10/2029

Last Amended on 10/12/2025

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300	CHEMICAL- SOLID FUELS	Coal	Volatile matter	IS 1350 Part 1
301	CHEMICAL- WATER	Drinking Water	Acidity	IS 3025 Part 22 (Cl 8.1)
302	CHEMICAL- WATER	Drinking Water	Alkalinity	APHA 2320 B (24th Edition)
303	CHEMICAL- WATER	Drinking Water	Alkalinity	IS 3025 Part 23 (Cl. 8.1)
304	CHEMICAL- WATER	Drinking Water	Calcium	IS 3025 Part 40 (Cl. 5)
305	CHEMICAL- WATER	Drinking Water	Carbonate Hardness	IS 3025 Part 21 (Cl. 7)
306	CHEMICAL- WATER	Drinking Water	Chloride	APHA 4500 Cl B (24th Edition)
307	CHEMICAL- WATER	Drinking Water	Chloride	IS 3025 Part 32 (Cl. 2)
308	CHEMICAL- WATER	Drinking Water	Colour	APHA 2120 (24th Edition)
309	CHEMICAL- WATER	Drinking Water	Colour	IS 3025 Part 4 (Cl. 4)
310	CHEMICAL- WATER	Drinking Water	Electrical conductivity	APHA 2510 (24th Edition)
311	CHEMICAL- WATER	Drinking Water	Electrical conductivity	IS 3025 Part 14
312	CHEMICAL- WATER	Drinking Water	Fluoride	APHA 4500 FD (24th Edition)
313	CHEMICAL- WATER	Drinking Water	Fluoride	IS 3025 Part 60
314	CHEMICAL- WATER	Drinking Water	Magnesium	IS 3025 Part 46 (Cl. 6)
315	CHEMICAL- WATER	Drinking Water	Nitrate	APHA 4500-NO3-B (24th Edition)
316	CHEMICAL- WATER	Drinking Water	Nitrite	IS 3025 Part 34 (Cl 4)
317	CHEMICAL- WATER	Drinking Water	Non Carbonate Hardness	IS 3025 Part-21 (Cl. 7.0)
318	CHEMICAL- WATER	Drinking Water	Odour	APHA 2150 (24th Edition)
319	CHEMICAL- WATER	Drinking Water	Odour	IS 3025 Part 5
320	CHEMICAL- WATER	Drinking Water	pH value	IS 3025 Part 11
321	CHEMICAL- WATER	Drinking Water	Phenolphthalein alkalinity	IS 3025 Part 23 (Cl. 8.1)
322	CHEMICAL- WATER	Drinking Water	Potassium	IS 3025 Part-4
323	CHEMICAL- WATER	Drinking Water	Reactive Silica	IS 3025 Part 35 (Cl. 2 & 3)
324	CHEMICAL- WATER	Drinking Water	Residual Free Chlorine	APHA 4520 (24th Edition)
325	CHEMICAL- WATER	Drinking Water	Residual Free Chlorine	IS 3025 Part 26 (Cl. 7.0)
326	CHEMICAL- WATER	Drinking Water	Sodium	IS 3025 Part 45
327	CHEMICAL- WATER	Drinking Water	Sulphate	APHA 4500 (C & E) (24th Edition)
328	CHEMICAL- WATER	Drinking Water	Sulphate	IS 3025 Part 24: Sec-1 (Cl. 4&5)
329	CHEMICAL- WATER	Drinking Water	Taste	IS 3025 Part 8
330	CHEMICAL- WATER	Drinking Water	Temperature	APHA 2550 (24th Edition)

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MIDC, RABALE, MUMBAI, MAHARASHTRA, INDIA

Accreditation Standard

ISO/IEC 17025:2017

Certificate Number

TC-8163

Page No

17 of 33

Validity

17/10/2025 to 16/10/2029

Last Amended on

10/12/2025

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
331	CHEMICAL- WATER	Drinking Water	Total Acidity	APHA 2320 B (24th Edition)
332	CHEMICAL- WATER	Drinking Water	Total Acidity	IS 3025 Part 22 (Cl. 8.1)
333	CHEMICAL- WATER	Drinking Water	Total Dissolved Solids	APHA 2540 B (24th Edition)
334	CHEMICAL- WATER	Drinking Water	Total Dissolved Solids	IS 3025 Part 16
335	CHEMICAL- WATER	Drinking Water	Total Hardness	APHA 2340 C (24th Edition)
336	CHEMICAL- WATER	Drinking Water	Total Hardness	IS 3025 Part 21 (Cl. 5)
337	CHEMICAL- WATER	Drinking Water	Total suspended solids	APHA 2540-D (24th Edition)
338	CHEMICAL- WATER	Drinking Water	Total suspended solids	IS 3025 Part 17
339	CHEMICAL- WATER	Drinking Water	Turbidity	APHA 2130 B (24th Edition)
340	CHEMICAL- WATER	Drinking Water	Turbidity	IS 3025 Part 10
341	CHEMICAL- WATER	Reagent Grade Water	Colour retention of KMnO ₄	IS 1070
342	CHEMICAL- WATER	Reagent Grade Water	pH Value	IS 3025 Part 11
343	CHEMICAL- WATER	Reagent Grade Water	Silica	APHA 1995 (24th Edition)
344	CHEMICAL- WATER	Reagent Grade Water	Silica	IS 3025 Part 35 (Cl. 2 & 3)
345	CHEMICAL- WATER	Reagent Grade Water	Specific Conductivity	APHA 2510 (24th Edition)
346	CHEMICAL- WATER	Reagent Grade Water	Specific Conductivity	IS 3025 Part 14
347	CHEMICAL- WATER	Reagent Grade Water	Total Solids/Non Volatile Residue	APHA 2540 B (24th Edition)
348	CHEMICAL- WATER	Reagent Grade Water	Total Solids/Non Volatile Residue	IS 3025 Part 15
349	CHEMICAL- WATER	Water for construction purpose	Chloride	IS 3025 Part 32 (Cl. 2)
350	CHEMICAL- WATER	Water for construction purpose	Electrical conductivity	APHA 2510 (24th Edition)
351	CHEMICAL- WATER	Water for construction purpose	Electrical conductivity	IS 3025 Part 14
352	CHEMICAL- WATER	Water for construction purpose	Inorganic Solids/Fixed Solids	IS 3025 Part 18
353	CHEMICAL- WATER	Water for construction purpose	Organic Solids/Volatile Solids	IS 3025 Part 18
354	CHEMICAL- WATER	Water for construction purpose	pH Value	IS 3025 Part 11
355	CHEMICAL- WATER	Water for construction purpose	Potassium	IS 3025 Part 45
356	CHEMICAL- WATER	Water for construction purpose	Sodium	IS 3025 Part 45
357	CHEMICAL- WATER	Water for construction purpose	Sulphate (SO ₃)	IS 3025 Part 24: Sec-1 (Cl. 4 & 5)
358	CHEMICAL- WATER	Water for construction purpose	Total Hardness	APHA 2340 C (24th Edition)
359	CHEMICAL- WATER	Water for construction purpose	Total Hardness	IS 3025 Part 21 (Cl. 5)
360	CHEMICAL- WATER	Water for construction purpose	Total Suspended solids	IS 3025 Part 17



National Accreditation Board for Testing and Calibration Laboratories

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Accreditation Standard ISO/IEC 17025:2017

Certificate Number TC-8163

Validity 17/10/2025 to 16/10/2029

Page No 18 of 33

Last Amended on 10/12/2025

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
361	CHEMICAL- WATER	Water for construction purpose	Volume of 0.02 N H ₂ SO ₄ required to neutralize 100 ml sample of Water using mix indicator	IS 3025 Part 23 (Cl. 8.1)
362	CHEMICAL- WATER	Water for construction purpose	Volume of 0.02 N NaOH required to neutralize 100 ml sample of water using phenolphthalein	IS 3025 Part 22 (Cl. 8.1)
363	CHEMICAL- WATER	Water for Medicinal Purpose	Calcium	APHA 3500-Ca-B (24th Edition)
364	CHEMICAL- WATER	Water for Medicinal Purpose	Calcium	IS:3025 Part 40 (Cl. 5)
365	CHEMICAL- WATER	Water for Medicinal Purpose	Calcium Hardness (CaCO ₃)	IS:3025 Part 40 (Cl. 5)
366	CHEMICAL- WATER	Water for Medicinal Purpose	Chloride	IS 3025 Part 32 (Cl.2.0)
367	CHEMICAL- WATER	Water for Medicinal Purpose	Colour	IS 3025 Part 4 (Cl. 4)
368	CHEMICAL- WATER	Water for Medicinal Purpose	Electrical conductivity	IS 3025 Part 14
369	CHEMICAL- WATER	Water for Medicinal Purpose	Fluoride	APHA 4500 D-F (24th Edition)
370	CHEMICAL- WATER	Water for Medicinal Purpose	Magnesium	APHA 3500-Mg-B (24th Edition)
371	CHEMICAL- WATER	Water for Medicinal Purpose	Magnesium	IS 3025 Part 46 (Cl. 6)
372	CHEMICAL- WATER	Water for Medicinal Purpose	Magnesium Hardness (CaCO ₃)	IS 3025 Part 46 (Cl. 6)
373	CHEMICAL- WATER	Water for Medicinal Purpose	Methyl orange Alkalinity	IS 3025 Part 23 (Cl. 8.1)
374	CHEMICAL- WATER	Water for Medicinal Purpose	Nitrate	APHA 4500-NO ₃ -B (24th Edition)
375	CHEMICAL- WATER	Water for Medicinal Purpose	pH Value	APHA 4500 H + (24th Edition)
376	CHEMICAL- WATER	Water for Medicinal Purpose	pH Value	IS 3025 Part 11
377	CHEMICAL- WATER	Water for Medicinal Purpose	Phenolphthalein alkalinity	IS 3025 Part 23 (Cl. 8.1)
378	CHEMICAL- WATER	Water for Medicinal Purpose	Potassium	APHA 3500-K-B (24th Edition)
379	CHEMICAL- WATER	Water for Medicinal Purpose	Potassium	IS 3025 Part-4
380	CHEMICAL- WATER	Water for Medicinal Purpose	Reactive silica	IS 3025 Part 35 (Cl. 2 & 3)
381	CHEMICAL- WATER	Water for Medicinal Purpose	Residual Free chlorine	IS:3025 Part 26 (Cl. 7)
382	CHEMICAL- WATER	Water for Medicinal Purpose	Sodium	APHA 3500-Na-B (24th Edition)
383	CHEMICAL- WATER	Water for Medicinal Purpose	Sodium	IS 3025 Part 45
384	CHEMICAL- WATER	Water for Medicinal Purpose	Sulphate	APHA 4500 SO ₄ -(C & E) (24th Edition)
385	CHEMICAL- WATER	Water for Medicinal Purpose	Sulphate	IS 3025 Part 24 : Sec 1 (Cl. 4 & 5)
386	CHEMICAL- WATER	Water for Medicinal Purpose	Total Alkalinity	IS 3025 Part 23 (Cl. 8.1)
387	CHEMICAL- WATER	Water for Medicinal Purpose	Total chlorine	APHA 4500 Cl-G (24th Edition)

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National Accreditation Board for Testing and Calibration Laboratories

SCOPE OF ACCREDITATION

Laboratory Name :

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MIDC, RABALE, MUMBAI, MAHARASHTRA, INDIA

Accreditation Standard

ISO/IEC 17025:2017

Certificate Number

TC-8163

Page No

19 of 33

Validity

17/10/2025 to 16/10/2029

Last Amended on

10/12/2025

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
388	CHEMICAL- WATER	Water for Medicinal Purpose	Total chlorine	IS:3025 Part 26 (Cl.7)
389	CHEMICAL- WATER	Water for Medicinal Purpose	Total Dissolved Solids	IS 3025 Part 16
390	CHEMICAL- WATER	Water for Medicinal Purpose	Total Hardness	APHA 2340-C (24th Edition)
391	CHEMICAL- WATER	Water for Medicinal Purpose	Total Hardness	IS 3025 Part 21 (Cl. 5)
392	CHEMICAL- WATER	Water for Medicinal Purpose	Turbidity	IS 3025 Part 10
393	CHEMICAL- WATER	Water for Storage Batteries	Chloride	IS 3025 Part 32 (Cl. 2)
394	CHEMICAL- WATER	Water for Storage Batteries	Electrical conductivity	APHA 2510 (24th Edition)
395	CHEMICAL- WATER	Water for Storage Batteries	Electrical conductivity	IS 3025 Part 14
396	CHEMICAL- WATER	Water for Storage Batteries	Iron	APHA 3500 Fe B (24th Edition)
397	CHEMICAL- WATER	Water for Storage Batteries	Iron	IS 3025 Part 53
398	CHEMICAL- WATER	Water for Storage Batteries	Lead	IS 3025 Part 47
399	CHEMICAL- WATER	Water for Storage Batteries	Non -Volatile Residue	IS 1069
400	CHEMICAL- WATER	Water for Storage Batteries	pH Value	IS 3025 Part 11
401	CHEMICAL- WATER	Water for Storage Batteries	Total Dissolved Solids	APHA 2540 B (24th Edition)
402	CHEMICAL- WATER	Water for Storage Batteries	Total Dissolved Solids	IS 3025 Part 16
403	CHEMICAL- WATER	Water for Storage Batteries	Total Hardness	APHA 2340 C (24th Edition)
404	CHEMICAL- WATER	Water for Storage Batteries	Total Hardness	IS 3025 Part 21 (Cl.5)
405	CHEMICAL- WATER	Water for Swimming Pools	Chloride	IS 3025 Part 32 (Cl. 2)
406	CHEMICAL- WATER	Water for Swimming Pools	Colour	IS 3025 Part 4 (Cl. 4)
407	CHEMICAL- WATER	Water for Swimming Pools	Odour	IS 3025 Part 5
408	CHEMICAL- WATER	Water for Swimming Pools	pH Value	IS 3025 Part 11
409	CHEMICAL- WATER	Water for Swimming Pools	Taste	IS 3025 Part 8
410	CHEMICAL- WATER	Water for Swimming Pools	Total Alkalinity	IS 3025 Part 23 (Cl. 8.1)
411	CHEMICAL- WATER	Water for Swimming Pools	Total dissolved Solids	IS 3025 Part 16
412	CHEMICAL- WATER	Water for Swimming Pools	Total Residual Chlorine	IS 3025 Part 26 (Cl. 7)
413	CHEMICAL- WATER	Water for Swimming Pools	Turbidity	IS 3025 Part 10
414	MECHANICAL- BUILDINGS MATERIALS	Admixture	Flow	IS 9103
415	MECHANICAL- BUILDINGS MATERIALS	Admixtures	Bleeding	IS 9103
416	MECHANICAL- BUILDINGS MATERIALS	Admixtures	Compressive strength	IS 516: Part 1: Sec 1
417	MECHANICAL- BUILDINGS MATERIALS	Admixtures	Final Time of Setting, Allowable variation from control sample	IS 1199: Part 7

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National Accreditation Board for Testing and Calibration Laboratories

SCOPE OF ACCREDITATION

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MIDC, RABALE, MUMBAI, MAHARASHTRA, INDIA

Accreditation Standard

ISO/IEC 17025:2017

Certificate Number

TC-8163

Page No

20 of 33

Validity

17/10/2025 to 16/10/2029

Last Amended on 10/12/2025

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
418	MECHANICAL- BUILDINGS MATERIALS	Admixtures	Flexural Strength % control Sample	IS 516: Part 1: Sec 1
419	MECHANICAL- BUILDINGS MATERIALS	Admixtures	Initial Time of Setting, Allowable variation from control sample	IS 1199: Part 7
420	MECHANICAL- BUILDINGS MATERIALS	Admixtures	Slump	IS 1199: Part 2
421	MECHANICAL- BUILDINGS MATERIALS	Admixtures	Water Content	IS 9103
422	MECHANICAL- BUILDINGS MATERIALS	Admixtures	Workability	IS 9103
423	MECHANICAL- BUILDINGS MATERIALS	Autoclaved Cellular Concrete Blocks	Block Density	IS 6441 Part 1
424	MECHANICAL- BUILDINGS MATERIALS	Autoclaved Cellular Concrete Blocks	Compressive Strength	IS 6441 Part 5
425	MECHANICAL- BUILDINGS MATERIALS	Autoclaved Cellular Concrete Blocks	Drying Shrinkage	IS 6441 Part 2
426	MECHANICAL- BUILDINGS MATERIALS	Autoclaved Cellular Concrete Blocks	Height	IS 2185 Part 3
427	MECHANICAL- BUILDINGS MATERIALS	Autoclaved Cellular Concrete Blocks	Length	IS 2185 Part 3
428	MECHANICAL- BUILDINGS MATERIALS	Autoclaved Cellular Concrete Blocks	Moisture Content	IS 6441 Part 1
429	MECHANICAL- BUILDINGS MATERIALS	Autoclaved Cellular Concrete Blocks	Thermal Conductivity	IS 3346
430	MECHANICAL- BUILDINGS MATERIALS	Autoclaved Cellular Concrete Blocks	width	IS 2185 Part 3
431	MECHANICAL- BUILDINGS MATERIALS	Building Bricks	Compressive Strength	IS 3495 Part 1
432	MECHANICAL- BUILDINGS MATERIALS	Building Bricks	Efflorescence	IS 3495 Part 3
433	MECHANICAL- BUILDINGS MATERIALS	Building Bricks	length	IS 1077
434	MECHANICAL- BUILDINGS MATERIALS	Building Bricks	Thickness	IS 1077
435	MECHANICAL- BUILDINGS MATERIALS	Building Bricks	Water Absorption	IS 3495 Part 2
436	MECHANICAL- BUILDINGS MATERIALS	Building Bricks	width	IS 1077
437	MECHANICAL- BUILDINGS MATERIALS	Cement (OPC/PPC/PSC/ WPC)	Compressive Strength	IS 4031 Part 6

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National Accreditation Board for Testing and Calibration Laboratories

SCOPE OF ACCREDITATION

Laboratory Name : SPECTRO SSA LABS PRIVATE LIMITED, R-489, T.T.C. INDUSTRIAL AREA, MIDC, RABALE, MUMBAI, MAHARASHTRA, INDIA

Accreditation Standard ISO/IEC 17025:2017

Certificate Number TC-8163

Validity 17/10/2025 to 16/10/2029

Page No 21 of 33

Last Amended on 10/12/2025

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
438	MECHANICAL- BUILDINGS MATERIALS	Cement (OPC/PPC/PSC/ WPC)	Consistency	IS 4031 Part 4
439	MECHANICAL- BUILDINGS MATERIALS	Cement (OPC/PPC/PSC/ WPC)	Density	IS 4031 Part 11
440	MECHANICAL- BUILDINGS MATERIALS	Cement (OPC/PPC/PSC/ WPC)	Fineness By Blaine Air Permeability	IS 4031 Part 2
441	MECHANICAL- BUILDINGS MATERIALS	Cement (OPC/PPC/PSC/ WPC)	Setting Time (Final)	IS 4032 Part 5
442	MECHANICAL- BUILDINGS MATERIALS	Cement (OPC/PPC/PSC/ WPC)	Setting Time (Initial)	IS 4032 Part 5
443	MECHANICAL- BUILDINGS MATERIALS	Cement (OPC/PPC/PSC/ WPC)	Soundness (Autoclave)	IS 4031 Part 3
444	MECHANICAL- BUILDINGS MATERIALS	Cement (OPC/PPC/PSC/ WPC)	Soundness (Le-chatelier)	IS 4031 Part 3
445	MECHANICAL- BUILDINGS MATERIALS	Cement (PPC)	Drying Shrinkage	IS 4031 Part 10
446	MECHANICAL- BUILDINGS MATERIALS	Cement Concrete Flooring Tiles	Dimension	IS 1237
447	MECHANICAL- BUILDINGS MATERIALS	Cement Concrete Flooring Tiles	Flatness	IS 1237 (Annex B)
448	MECHANICAL- BUILDINGS MATERIALS	Cement Concrete Flooring Tiles	Perpendicularity	IS 1237 (Annex C)
449	MECHANICAL- BUILDINGS MATERIALS	Cement Concrete Flooring Tiles	Resistance to wear	IS 1237 (Annex G)
450	MECHANICAL- BUILDINGS MATERIALS	Cement Concrete Flooring Tiles	Straightness	IS 1237 (Annex D)
451	MECHANICAL- BUILDINGS MATERIALS	Cement Concrete Flooring Tiles	Water Absorption	IS 1237 (Annex E)
452	MECHANICAL- BUILDINGS MATERIALS	Ceramic and vitrified tiles	Breaking Strength	IS 13630 Part 6
453	MECHANICAL- BUILDINGS MATERIALS	Ceramic and vitrified tiles	Bulk Density	IS 13630 Part 2
454	MECHANICAL- BUILDINGS MATERIALS	Ceramic and vitrified tiles	Bulk Density	ISO 10545 Part 3
455	MECHANICAL- BUILDINGS MATERIALS	Ceramic and vitrified tiles	Chemical Resistance Test	IS 13630 (Part 8)
456	MECHANICAL- BUILDINGS MATERIALS	Ceramic and vitrified tiles	Chemical Resistance Test	IS 13630 Part 7
457	MECHANICAL- BUILDINGS MATERIALS	Ceramic and vitrified tiles	Chemical Resistance Test	IS 4457 (Annexure-F)



National Accreditation Board for Testing and Calibration Laboratories

SCOPE OF ACCREDITATION

Laboratory Name :

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MIDC, RABALE, MUMBAI, MAHARASHTRA, INDIA

Accreditation Standard

ISO/IEC 17025:2017

Certificate Number

TC-8163

Page No

22 of 33

Validity

17/10/2025 to 16/10/2029

Last Amended on

10/12/2025

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
458	MECHANICAL- BUILDINGS MATERIALS	Ceramic and vitrified tiles	Chemical Resistance Test	ISO 10545-13
459	MECHANICAL- BUILDINGS MATERIALS	Ceramic and vitrified tiles	Crazing Resistance	IS 13630 Part 9
460	MECHANICAL- BUILDINGS MATERIALS	Ceramic and vitrified tiles	Length & Width	IS 13630 Part 1
461	MECHANICAL- BUILDINGS MATERIALS	Ceramic and vitrified tiles	Modules of Rupture	IS 13630 Part 6
462	MECHANICAL- BUILDINGS MATERIALS	Ceramic and vitrified tiles	MOH'S Scratch Hardness	IS 13630 Part 13
463	MECHANICAL- BUILDINGS MATERIALS	Ceramic and vitrified tiles	Surface quality	IS 13630 Part 1
464	MECHANICAL- BUILDINGS MATERIALS	Ceramic and vitrified tiles	Thickness	IS 13630 Part 1
465	MECHANICAL- BUILDINGS MATERIALS	Ceramic and vitrified tiles	Water Absorption	IS 13630 Part 2
466	MECHANICAL- BUILDINGS MATERIALS	Ceramic and vitrified tiles	Water Absorption	ISO 10545 Part 3
467	MECHANICAL- BUILDINGS MATERIALS	Chequered Tiles	Dimension	IS 13801
468	MECHANICAL- BUILDINGS MATERIALS	Chequered Tiles	Flatness	IS 13801
469	MECHANICAL- BUILDINGS MATERIALS	Chequered Tiles	Perpendicularity	IS 13801
470	MECHANICAL- BUILDINGS MATERIALS	Chequered Tiles	Resistance to wear	IS 13801
471	MECHANICAL- BUILDINGS MATERIALS	Chequered Tiles	Straightness	IS 13801
472	MECHANICAL- BUILDINGS MATERIALS	Chequered Tiles	Water Absorption	IS 13801
473	MECHANICAL- BUILDINGS MATERIALS	Coarse Aggregate	Abrasion Value (Los Angeles)	IS 2386 Part 4
474	MECHANICAL- BUILDINGS MATERIALS	Coarse Aggregate	Finer than 75 micron	IS 2386 Part 1
475	MECHANICAL- BUILDINGS MATERIALS	Coarse Aggregates	10% Fine Value	IS 2386 Part 4
476	MECHANICAL- BUILDINGS MATERIALS	Coarse Aggregates	Bulk Density	IS 2386 Part 3
477	MECHANICAL- BUILDINGS MATERIALS	Coarse Aggregates	Crushing value	IS 2386 Part 4



National Accreditation Board for Testing and Calibration Laboratories

SCOPE OF ACCREDITATION

Laboratory Name :

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MIDC, RABALE, MUMBAI, MAHARASHTRA, INDIA

Accreditation Standard

ISO/IEC 17025:2017

Certificate Number

TC-8163

Page No

23 of 33

Validity

17/10/2025 to 16/10/2029

Last Amended on 10/12/2025

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
478	MECHANICAL- BUILDINGS MATERIALS	Coarse Aggregates	Deleterious Material	IS 2386 Part 2
479	MECHANICAL- BUILDINGS MATERIALS	Coarse Aggregates	Elongation Index	IS 2386 Part 1
480	MECHANICAL- BUILDINGS MATERIALS	Coarse Aggregates	Flakiness Index	IS 2386 Part 1
481	MECHANICAL- BUILDINGS MATERIALS	Coarse Aggregates	Impact Value	IS 2386 Part 4
482	MECHANICAL- BUILDINGS MATERIALS	Coarse Aggregates	Sieve Analysis (sieve sizes: 20mm, 10mm,12.5mm, 4.75mm,2.36mm,40mm,16mm ,63mm,80mm)	IS 2386 Part 1
483	MECHANICAL- BUILDINGS MATERIALS	Coarse Aggregates	Soundness	IS 2386 Part 5
484	MECHANICAL- BUILDINGS MATERIALS	Coarse Aggregates	Specific Gravity	IS 2386 Part 3
485	MECHANICAL- BUILDINGS MATERIALS	Coarse Aggregates	Water Absorption	IS 2386 Part 3
486	MECHANICAL- BUILDINGS MATERIALS	Concrete	Compressive Strength	IS 516 : Part 1 : Sec 1
487	MECHANICAL- BUILDINGS MATERIALS	Concrete	Density	IS 516: Part 2 : Sec 1
488	MECHANICAL- BUILDINGS MATERIALS	Concrete	Drying Shrinkage	IS 516 Part 6
489	MECHANICAL- BUILDINGS MATERIALS	Concrete	Flexural Strength	IS 516 : Part 1 : Sec 1
490	MECHANICAL- BUILDINGS MATERIALS	Concrete	Initial Surface Absorption Test	BS 1881 Part 208
491	MECHANICAL- BUILDINGS MATERIALS	Concrete	Initial Surface Absorption Test	IS 516 : Part 2 :Sec 2
492	MECHANICAL- BUILDINGS MATERIALS	Concrete	Modulus of Elasticity	ASTM C469/C469M
493	MECHANICAL- BUILDINGS MATERIALS	Concrete	Moisture Movement	IS 516 Part 6
494	MECHANICAL- BUILDINGS MATERIALS	Concrete	Rapid Chloride Migration Test	NT BUILD 492
495	MECHANICAL- BUILDINGS MATERIALS	Concrete	Rapid Chloride Permeability Test	ASTM C 1202
496	MECHANICAL- BUILDINGS MATERIALS	Concrete	Split Tensile Strength	IS 516: Part 1: Sec 1



National Accreditation Board for Testing and Calibration Laboratories

SCOPE OF ACCREDITATION

Laboratory Name :

SPECTRO SSA LABS PRIVATE LIMITED, R-489, T.T.C. INDUSTRIAL AREA,
MIDC, RABALE, MUMBAI, MAHARASHTRA, INDIA

Accreditation Standard

ISO/IEC 17025:2017

Certificate Number

TC-8163

Page No

24 of 33

Validity

17/10/2025 to 16/10/2029

Last Amended on 10/12/2025

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
497	MECHANICAL- BUILDINGS MATERIALS	Concrete	Water Absorption	BS 1881 Part 122
498	MECHANICAL- BUILDINGS MATERIALS	Concrete	Water Permeability	BS EN 12390-8
499	MECHANICAL- BUILDINGS MATERIALS	Concrete	Water Permeability	IS 516: Part 2: Sec 1
500	MECHANICAL- BUILDINGS MATERIALS	Concrete core	Compressive strength	IS 516 Part 4
501	MECHANICAL- BUILDINGS MATERIALS	Fine aggregates	Bulk density	IS 2386 Part 3
502	MECHANICAL- BUILDINGS MATERIALS	Fine Aggregates	Deleterious Material	IS 2386 Part 2
503	MECHANICAL- BUILDINGS MATERIALS	Fine Aggregates	Finer than 75 micron	IS 2386 Part 1
504	MECHANICAL- BUILDINGS MATERIALS	Fine aggregates	Organic Impurities	IS 2386 Part 2
505	MECHANICAL- BUILDINGS MATERIALS	Fine Aggregates	Sieve Analysis (sieve sizes: 10mm, 4.75mm, 2.36mm, 1.18mm, 600micron, 300 micron, 150micron)	IS 2386 Part 1
506	MECHANICAL- BUILDINGS MATERIALS	Fine aggregates	Soundness	IS 2386 Part 5
507	MECHANICAL- BUILDINGS MATERIALS	Fine Aggregates	Specific Gravity	IS 2386 Part 3
508	MECHANICAL- BUILDINGS MATERIALS	Fine Aggregates	Water Absorption	IS 2386 Part 3
509	MECHANICAL- BUILDINGS MATERIALS	Flush Door	End Immersion Test	IS 4020 Part 13
510	MECHANICAL- BUILDINGS MATERIALS	Flush Door	Flatness (Cupping)	IS 4020 Part 3
511	MECHANICAL- BUILDINGS MATERIALS	Flush Door	Flatness (Twisting)	IS 4020 Part 3
512	MECHANICAL- BUILDINGS MATERIALS	Flush Door	Flatness (Wrapping)	IS 4020 Part 3
513	MECHANICAL- BUILDINGS MATERIALS	Flush Door	Glue adhesion Test	IS 4020 Part 15
514	MECHANICAL- BUILDINGS MATERIALS	Flush Door	Local Planeness Test	IS 4020 Part 4
515	MECHANICAL- BUILDINGS MATERIALS	Flush Door	Moisture Content	IS 1708 Part 1



National Accreditation Board for Testing and Calibration Laboratories

SCOPE OF ACCREDITATION

Laboratory Name :

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MIDC, RABALE, MUMBAI, MAHARASHTRA, INDIA

Accreditation Standard

ISO/IEC 17025:2017

Certificate Number

TC-8163

Page No

25 of 33

Validity

17/10/2025 to 16/10/2029

Last Amended on 10/12/2025

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
516	MECHANICAL- BUILDINGS MATERIALS	Flush Door	Squareness	IS 4020 Part 2
517	MECHANICAL- BUILDINGS MATERIALS	Flush Door	Thickness	IS 4020 Part 2
518	MECHANICAL- BUILDINGS MATERIALS	Fly ash	Autoclave Expansion	ASTM C151/C151M
519	MECHANICAL- BUILDINGS MATERIALS	Fly ash	Fineness (Specific Surface) Blaine's	IS 1727
520	MECHANICAL- BUILDINGS MATERIALS	Fly ash	Particle retained on 45 micron IS: Sieve (wet sieving)	ASTM C 311/311
521	MECHANICAL- BUILDINGS MATERIALS	Fly ash	Particle retained on 45 micron IS: Sieve (wet sieving)	IS 1727
522	MECHANICAL- BUILDINGS MATERIALS	Fly ash	Strength activity index At 7 & 28 Days	ASTM C 109/109M
523	MECHANICAL- BUILDINGS MATERIALS	Fly ash	Strength activity index At 7 & 28 Days	ASTM C 311/C311M
524	MECHANICAL- BUILDINGS MATERIALS	Fly Ash	Water Requirement	ASTM C311/C311M
525	MECHANICAL- BUILDINGS MATERIALS	Fly ash, Alcolfine, Ultrafine Flyash	Specific Gravity	IS 1727
526	MECHANICAL- BUILDINGS MATERIALS	Fly ash/Ultrafine Fly ash	Compressive Strength	IS 1727
527	MECHANICAL- BUILDINGS MATERIALS	Fly ash/Ultrafine Fly ash	Lime reactivity	IS 1727
528	MECHANICAL- BUILDINGS MATERIALS	Fly ash/Ultrafine Fly ash	Soundness by (Autoclave Expansion)	IS 1727, IS 4031 (Part 3)
529	MECHANICAL- BUILDINGS MATERIALS	Granulated Slag	Compressive Strength	IS 4031 Part 6
530	MECHANICAL- BUILDINGS MATERIALS	Granulated Slag	Density	IS 4031 Part 11
531	MECHANICAL- BUILDINGS MATERIALS	Granulated Slag	Fineness Blaine	IS 4031 Part 2
532	MECHANICAL- BUILDINGS MATERIALS	Granulated Slag	Slag Activity Index (7 Days & 28 Days)	IS 16714
533	MECHANICAL- BUILDINGS MATERIALS	Granulated Slag	Specific gravity	IS 1727
534	MECHANICAL- BUILDINGS MATERIALS	GSB,WMM	Sieve Analysis (75 mm to .075 mm)	Morth (Fifth Revision)
535	MECHANICAL- BUILDINGS MATERIALS	GSB,WMM, Reclamation material	Atterberg's Liquid Limit	IS 2720 Part 5



National Accreditation Board for Testing and Calibration Laboratories

SCOPE OF ACCREDITATION

Laboratory Name :

SPECTRO SSA LABS PRIVATE LIMITED, R-489, T.T.C. INDUSTRIAL AREA,
MIDC, RABALE, MUMBAI, MAHARASHTRA, INDIA

Accreditation Standard

ISO/IEC 17025:2017

Certificate Number

TC-8163

Page No

26 of 33

Validity

17/10/2025 to 16/10/2029

Last Amended on 10/12/2025

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
536	MECHANICAL- BUILDINGS MATERIALS	GSB,WMM, Reclamation material	Atterberg's Plastic Limit	IS 2720 Part 5
537	MECHANICAL- BUILDINGS MATERIALS	GSB,WMM, Reclamation material	California Bearing Ratio Test	IS 2720 Part 16
538	MECHANICAL- BUILDINGS MATERIALS	GSB,WMM, Reclamation material	Impact Value	IS 2386 Part 4
539	MECHANICAL- BUILDINGS MATERIALS	GSB,WMM, Reclamation material	Maximum Dry Density.	IS 2720 Part 8
540	MECHANICAL- BUILDINGS MATERIALS	GSB,WMM, Reclamation material	Optimum moisture Content	IS 2720 Part 8
541	MECHANICAL- BUILDINGS MATERIALS	GSB,WMM, Reclamation material	Water absorption	IS 2386 Part 3
542	MECHANICAL- BUILDINGS MATERIALS	Hollow & Solid Concrete Blocks	Block Density	IS 2185 Part 1 (Annex C)
543	MECHANICAL- BUILDINGS MATERIALS	Hollow & Solid Concrete Blocks	Compressive Strength	IS 2185 Part 1 (Annex D)
544	MECHANICAL- BUILDINGS MATERIALS	Hollow & Solid Concrete Blocks	Drying Shrinkage	IS 2185 Part 1 (Annex F)
545	MECHANICAL- BUILDINGS MATERIALS	Hollow & Solid Concrete Blocks	Height	IS 2185 Part 1 (Annex B)
546	MECHANICAL- BUILDINGS MATERIALS	Hollow & Solid Concrete Blocks	Length	IS 2185 Part 1 (Annex B)
547	MECHANICAL- BUILDINGS MATERIALS	Hollow & Solid Concrete Blocks	Moisture Movement	IS 2185 Part 1 (Annex G)
548	MECHANICAL- BUILDINGS MATERIALS	Hollow & Solid Concrete Blocks	Water Absorption	IS 2185 Part 1 (Annex E)
549	MECHANICAL- BUILDINGS MATERIALS	Hollow & Solid Concrete Blocks	width	IS 2185 Part 1 (Annex B)
550	MECHANICAL- BUILDINGS MATERIALS	Micro Silica	Accelerated Pozzolanic Strength Activity Index With Portland Cement At 7 Days	ASTM C 109/109M
551	MECHANICAL- BUILDINGS MATERIALS	Micro Silica	Accelerated Pozzolanic Strength Activity Index With Portland Cement At 7 Days	ASTM C 311/C311M
552	MECHANICAL- BUILDINGS MATERIALS	Micro Silica	Bulk Density	ASTM C 1240
553	MECHANICAL- BUILDINGS MATERIALS	Micro Silica	Compression Strength at 7 days, % of control	IS 1727
554	MECHANICAL- BUILDINGS MATERIALS	Micro Silica	Compressive strength at 7 days	IS 1727



National Accreditation Board for Testing and Calibration Laboratories

SCOPE OF ACCREDITATION

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MIDC, RABALE, MUMBAI, MAHARASHTRA, INDIA

Accreditation Standard

ISO/IEC 17025:2017

Certificate Number

TC-8163

Page No

27 of 33

Validity

17/10/2025 to 16/10/2029

Last Amended on

10/12/2025

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
555	MECHANICAL- BUILDINGS MATERIALS	Micro Silica	Particle retained on 45 micron IS: Sieve (wet sieving)	ASTM C 430
556	MECHANICAL- BUILDINGS MATERIALS	Micro Silica	Particle retained on 45 micron IS: Sieve (wet sieving)	IS 1727
557	MECHANICAL- BUILDINGS MATERIALS	Micro Silica	Specific Gravity	IS 1727
558	MECHANICAL- BUILDINGS MATERIALS	Particle Board	Density	IS 2380 : Part 3
559	MECHANICAL- BUILDINGS MATERIALS	Particle Board	Moisture Content	IS 2380 : Part 3
560	MECHANICAL- BUILDINGS MATERIALS	Particle Board	Resistance to Water	IS 1659
561	MECHANICAL- BUILDINGS MATERIALS	Particle Board	Water Absorption	IS 2380 : Part 16
562	MECHANICAL- BUILDINGS MATERIALS	Paver Block	Abrasion Resistance	IS 15658 (Annex E)
563	MECHANICAL- BUILDINGS MATERIALS	Paver Block	Compressive Strength	IS 15658 (Annex D)
564	MECHANICAL- BUILDINGS MATERIALS	Paver Block	Length	IS 15658 (Annex B)
565	MECHANICAL- BUILDINGS MATERIALS	Paver Block	thickness	IS 15658 (Annex B)
566	MECHANICAL- BUILDINGS MATERIALS	Paver Block	Water Absorption	IS 15658 (Annex C)
567	MECHANICAL- BUILDINGS MATERIALS	Paver Block	width	IS 15658 (Annex B)
568	MECHANICAL- BUILDINGS MATERIALS	Pulverized Fuel Ash-Cement Bricks	Compressive Strength	IS 3495 Part 1
569	MECHANICAL- BUILDINGS MATERIALS	Pulverized Fuel Ash-Cement Bricks	Density	IS 2185 Part 1
570	MECHANICAL- BUILDINGS MATERIALS	Pulverized Fuel Ash-Cement Bricks	Drying Shrinkage	IS 4139
571	MECHANICAL- BUILDINGS MATERIALS	Pulverized Fuel Ash-Cement Bricks	Height	IS 16720
572	MECHANICAL- BUILDINGS MATERIALS	Pulverized Fuel Ash-Cement Bricks	Length	IS 16720
573	MECHANICAL- BUILDINGS MATERIALS	Pulverized Fuel Ash-Cement Bricks	Water Absorption	IS 3495 Part 2
574	MECHANICAL- BUILDINGS MATERIALS	Pulverized Fuel Ash-Cement Bricks	Width	IS 16720



National Accreditation Board for Testing and Calibration Laboratories

SCOPE OF ACCREDITATION

Laboratory Name :

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MIDC, RABALE, MUMBAI, MAHARASHTRA, INDIA

Accreditation Standard

ISO/IEC 17025:2017

Certificate Number

TC-8163

Page No

28 of 33

Validity

17/10/2025 to 16/10/2029

Last Amended on

10/12/2025

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
575	MECHANICAL- BUILDINGS MATERIALS	Pulverized Fuel Ash-Lime Bricks	Compressive Strength	IS 3495 Part 1
576	MECHANICAL- BUILDINGS MATERIALS	Pulverized Fuel Ash-Lime Bricks	Drying Shrinkage	IS 4139
577	MECHANICAL- BUILDINGS MATERIALS	Pulverized Fuel Ash-Lime Bricks	Efflorescence	IS 3495 Part 3
578	MECHANICAL- BUILDINGS MATERIALS	Pulverized Fuel Ash-Lime Bricks	height	IS 12894
579	MECHANICAL- BUILDINGS MATERIALS	Pulverized Fuel Ash-Lime Bricks	Length	IS 12894
580	MECHANICAL- BUILDINGS MATERIALS	Pulverized Fuel Ash-Lime Bricks	Water Absorption	IS 3495 Part 2
581	MECHANICAL- BUILDINGS MATERIALS	Pulverized Fuel Ash-Lime Bricks	Width	IS 12894
582	MECHANICAL- BUILDINGS MATERIALS	Reinforcement - Steel Bar/Wire	0.2%Proof Stress	IS 1608 Part 1
583	MECHANICAL- BUILDINGS MATERIALS	Reinforcement - Steel Bar/Wire	Bend Test (Mandrel dia.: 10mm,16mm,24mm, 20mm,30mm,32mm, 36mm,40mm,48mm,50mm,56 mm,64mm, 70mm,75mm,80mm, 84mm,86mm,100mm,112mm, 125mm,128mm,140mm,160m m, 175mm,150mm,192mm, 200mm,224mm,240mm,256m m,280mm,320mm, 20mm,72mm, 108mm,144mm, 160mm, 168mm, 180mm,196mm,216mm,225m m, 252mm,288mm, 324mm,360mm)	IS 1599
584	MECHANICAL- BUILDINGS MATERIALS	Reinforcement - Steel Bar/Wire	Elongation at break	IS 1608 Part 1
585	MECHANICAL- BUILDINGS MATERIALS	Reinforcement - Steel Bar/Wire	Elongation at maximum force	IS 1608 Part 1
586	MECHANICAL- BUILDINGS MATERIALS	Reinforcement - Steel Bar/Wire	Mass/Meter Run	IS 1786



National Accreditation Board for Testing and Calibration Laboratories

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Accreditation Standard ISO/IEC 17025:2017

Certificate Number TC-8163

Validity 17/10/2025 to 16/10/2029

Page No 29 of 33

Last Amended on 10/12/2025

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
587	MECHANICAL- BUILDINGS MATERIALS	Reinforcement - Steel Bar/Wire	Re-Bend Test (Mandrel dia.: 10mm,16mm,24mm,20mm,30mm,32mm,36mm,40mm,48mm,50mm,56mm,64mm,70mm,75mm,80mm,84mm,86mm,100mm,112mm,125mm,128mm,140mm,160mm,175mm,150mm,192mm,200mm,224mm,240mm,256mm,280mm,320mm,20mm,72mm, 108mm,144mm,160mm,168mm,180mm,196mm,216mm,225mm,252mm, 288mm,324mm,360mm)	IS 1786
588	MECHANICAL- BUILDINGS MATERIALS	Reinforcement - Steel Bar/Wire	Tensile Strength	IS 1608 Part 1
589	MECHANICAL- BUILDINGS MATERIALS	Reinforcement - Steel Bar/Wire	Yield Stress	IS 1608 Part 1
590	MECHANICAL- BUILDINGS MATERIALS	Seven Ply Strand for pre-stressed Concrete (H.T.S. Wire)	0.2% Proof Load	IS 14268, IS 1608 (Part1)
591	MECHANICAL- BUILDINGS MATERIALS	Seven Ply Strand for pre-stressed Concrete (H.T.S. Wire)	Breaking Load	IS 14268, IS 1608 (Part1)
592	MECHANICAL- BUILDINGS MATERIALS	Seven Ply Strand for pre-stressed Concrete (H.T.S. Wire)	Difference in dia of center wire and surrounding wire	IS 14268
593	MECHANICAL- BUILDINGS MATERIALS	Seven Ply Strand for pre-stressed Concrete (H.T.S. Wire)	Elongation	IS 14268
594	MECHANICAL- BUILDINGS MATERIALS	Seven Ply Strand for pre-stressed Concrete (H.T.S. Wire)	Lay Length	IS 14268
595	MECHANICAL- BUILDINGS MATERIALS	Seven Ply Strand for pre-stressed Concrete (H.T.S. Wire)	Load at 1 % extension	IS 14268, IS 1608 (Part1)
596	MECHANICAL- BUILDINGS MATERIALS	Seven Ply Strand for pre-stressed Concrete (H.T.S. Wire)	Modulus of Elasticity	IS 14268
597	MECHANICAL- BUILDINGS MATERIALS	Seven Ply Strand for pre-stressed Concrete (H.T.S. Wire)	Nominal Area of Strand	IS 14268
598	MECHANICAL- BUILDINGS MATERIALS	Seven Ply Strand for pre-stressed Concrete (H.T.S. Wire)	Nominal Diameter of Strand	IS 14268
599	MECHANICAL- BUILDINGS MATERIALS	Seven Ply Strand for pre-stressed Concrete (H.T.S. Wire)	Nominal Mass of Strand	IS 14268
600	MECHANICAL- BUILDINGS MATERIALS	Seven Ply Strand for pre-stressed Concrete (H.T.S. Wire)	Tensile Strength	IS 14268, IS 1608 (Part1)
601	MECHANICAL- BUILDINGS MATERIALS	Shuttering Plywood	Density	IS 1734 : Part 1



National Accreditation Board for Testing and Calibration Laboratories

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MIDC, RABALE, MUMBAI, MAHARASHTRA, INDIA

Accreditation Standard

ISO/IEC 17025:2017

Certificate Number

TC-8163

Page No

30 of 33

Validity

17/10/2025 to 16/10/2029

Last Amended on 10/12/2025

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
602	MECHANICAL- BUILDINGS MATERIALS	Shuttering Plywood	Resistance to Dry Heat	IS 1734 : Part 2
603	MECHANICAL- BUILDINGS MATERIALS	Shuttering Plywood	Water resistance Test	IS 1734 : Part 6
604	MECHANICAL- BUILDINGS MATERIALS	Timber	Moisture Content	IS 1708 Part 1
605	MECHANICAL- BUILDINGS MATERIALS	Timber	Specific gravity	IS 1708 Part 2
606	MECHANICAL- BUILDINGS MATERIALS	Ultrafine Fly ash	Compressive Strength at 28 Days, % of Control Sample	IS: 1727
607	MECHANICAL- BUILDINGS MATERIALS	Ultrafine Fly ash	Compressive Strength at 7 Days, % of Control Sample	IS: 1727
608	MECHANICAL- BUILDINGS MATERIALS	Ultrafine Fly ash	Oversize Percent Retained on 45µ IS: Sieve	IS: 1727
609	MECHANICAL- BUILDINGS MATERIALS	Ultrafine Fly ash	Oversize Percent Retained on 45µ IS: Sieve, Variation from average percent	IS: 1727
610	MECHANICAL- BUILDINGS MATERIALS	WMM	Abrasion value	IS 2386 Part 4
611	MECHANICAL- BUILDINGS MATERIALS	WMM	Flakiness & Elongation index	IS 2386 Part 1
612	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Metals (Ferrous & Non Ferrous)	Bend Test (Mandrel dia.: (10mm,16mm,24mm,20mm,30mm,32mm,36mm,40mm,48mm,50mm,56mm,64mm,70mm,75mm,80mm,84mm,86mm,100mm,112mm,125mm,128mm,140mm,160mm,175mm,150mm,192mm,200mm,224mm,240mm,256mm,280mm,320mm, 20mm,72mm,108mm,144mm, 160mm, 168mm, 180mm,196mm,216mm,225mm, 252mm,288mm, 324mm,360mm))	IS 1599
613	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Metals (Ferrous & Non Ferrous)	Dimension-Length	IS 4923
614	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Metals (Ferrous & Non Ferrous)	Dimension-Thickness	IS 4923



National Accreditation Board for Testing and Calibration Laboratories

SCOPE OF ACCREDITATION

Laboratory Name :

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MIDC, RABALE, MUMBAI, MAHARASHTRA, INDIA

Accreditation Standard

ISO/IEC 17025:2017

Certificate Number

TC-8163

Page No

31 of 33

Validity

17/10/2025 to 16/10/2029

Last Amended on 10/12/2025

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615	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Metals (Ferrous & Non Ferrous)	Dimension-Width	IS 4923
616	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Metals (Ferrous & Non Ferrous)	Elongation at break	IS 1608 Part 1
617	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Metals (Ferrous & Non Ferrous)	Elongation at maximum force	IS 1608 Part 1
618	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Metals (Ferrous & Non Ferrous)	Mass per unit length	IS 4923
619	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Metals (Ferrous & Non Ferrous)	Proof Stress (0.2% Offset)	IS 1608 Part 1
620	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Metals (Ferrous & Non Ferrous)	Reduction of Area	IS 1608 Part 1
621	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Metals (Ferrous & Non Ferrous)	Rockwell Hardness Number B Scale	IS 1586 Part 1
622	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Metals (Ferrous & Non Ferrous)	Rockwell Hardness Number C Scale	IS 1586 Part 1
623	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Metals (Ferrous & Non Ferrous)	Tensile Strength	IS 1608 Part 1
624	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Metals (Ferrous & Non Ferrous)	Yield Stress	IS 1608 Part 1
625	MECHANICAL- SOIL AND ROCKS	Building Stone(Granite)	Compressive Strength	IS 1121 Part 1
626	MECHANICAL- SOIL AND ROCKS	Building Stone(Granite, Marble)	Apparent Porosity	IS 1124
627	MECHANICAL- SOIL AND ROCKS	Building Stone(Granite, Marble)	Apparent Specific Gravity	IS 1124
628	MECHANICAL- SOIL AND ROCKS	Building Stone(Granite, Marble)	Hardness (Mohs)	IS 13630 Part 13
629	MECHANICAL- SOIL AND ROCKS	Building Stone(Granite, Marble)	True Porosity	IS 1124
630	MECHANICAL- SOIL AND ROCKS	Building Stone(Granite, Marble)	True Specific Gravity	IS 1122



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MIDC, RABALE, MUMBAI, MAHARASHTRA, INDIA

Accreditation Standard

ISO/IEC 17025:2017

Certificate Number

TC-8163

Page No

32 of 33

Validity

17/10/2025 to 16/10/2029

Last Amended on 10/12/2025

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
631	MECHANICAL- SOIL AND ROCKS	Building Stone(Granite, Marble)	Water Absorption	IS 1124
632	MECHANICAL- SOIL AND ROCKS	Soil	Atterberg's Liquid Limit	IS 2720 Part 5
633	MECHANICAL- SOIL AND ROCKS	Soil	Atterberg's Plastic Limit	IS 2720 Part 5
634	MECHANICAL- SOIL AND ROCKS	Soil	CBR Test	IS 2720 Part 16
635	MECHANICAL- SOIL AND ROCKS	Soil	Free Swelling Index	IS 2720 Part 40
636	MECHANICAL- SOIL AND ROCKS	Soil	Grain Size Analysis by Dry Sieving (Above 4.75 mm)	IS 2720 Part 4
637	MECHANICAL- SOIL AND ROCKS	Soil	Grain Size Analysis by Wet Sieving (4.75 - 75 micron)	IS 2720 Part 4
638	MECHANICAL- SOIL AND ROCKS	Soil	Proctor Test (Heavy Compaction) - (Maximum Dry Density)	IS 2720 Part 8
639	MECHANICAL- SOIL AND ROCKS	Soil	Proctor Test (Heavy Compaction) - (Optimum moisture Content)	IS 2720 Part 8
640	MECHANICAL- SOIL AND ROCKS	Soil	Proctor Test (Light Compaction) - (Maximum Dry Density)	IS 2720 Part 7
641	MECHANICAL- SOIL AND ROCKS	Soil	Proctor Test (Light Compaction) - (Optimum moisture Content)	IS 2720 Part 7



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Accreditation Standard ISO/IEC 17025:2017

Certificate Number TC-8163 **Page No** 33 of 33

Validity 17/10/2025 to 16/10/2029 **Last Amended on** 10/12/2025

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Site Testing				
1	NON-DESTRUCTIVE- BUILDING MATERIALS - REINFORCED CONCRETE STRUCTURES	Concrete	Crack Depth Measurement	IS 516 Part 5 Sec 1
2	NON-DESTRUCTIVE- BUILDING MATERIALS - REINFORCED CONCRETE STRUCTURES	Concrete	Pile Integrity Test	IS 14893
3	NON-DESTRUCTIVE- BUILDING MATERIALS - REINFORCED CONCRETE STRUCTURES	Concrete	Rebound Hammer Test	IS 516 Part 5:Sec 4
4	NON-DESTRUCTIVE- BUILDING MATERIALS - REINFORCED CONCRETE STRUCTURES	Concrete	Ultrasonic Pulse Velocity Tests	IS 516 Part 5 Sec 1

NOTE- The Laboratory has demonstrated competence for the stated scope for WATER. This however does not fully cover the specification requirements of BIS for the Packaged Drinking Water as per IS 14543 and the Packaged Natural Mineral Water IS 13428.