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, NAVI MUMBAI, MAHARASHTRA, INDIA

Accreditation Standard ISO/IEC 17025:2017

Certificate Number TC-8163 **Page No** 1 of 29

Validity 17/10/2021 to 16/10/2023 **Last Amended on** 24/08/2022

S.No	Discipline / Group	Materials or Products tested	Component, parameter or characteristic tested / Specific Test Performed / Tests or type of tests performed	Test Method Specification against which tests are performed and / or the techniques / equipment used
Permanent Facility				
1	BIOLOGICAL- ENVIRONMENT AND POLLUTION	Waste water, STP/ETP water, Treated Water	Coliform Count	IS:1622
2	BIOLOGICAL- ENVIRONMENT AND POLLUTION	Waste water, STP/ETP water, Treated Water	E.coli	IS:1622
3	BIOLOGICAL- ENVIRONMENT AND POLLUTION	Waste water, STP/ETP water, Treated Water	Faecal Coliform	IS:1622
4	BIOLOGICAL- ENVIRONMENT AND POLLUTION	Waste water, STP/ETP water, Treated Water	SPC,TBC,TPC,TAC	IS 1622
5	BIOLOGICAL- WATER	Dialysis water, RO water and other water used in diagnosis	Bacterial Endotoxins	USP 41 Chapter 85
6	BIOLOGICAL- WATER	Dialysis water, RO water and other water used in diagnosis	Heterotrphic Plate Count	APHA 23 rd edition 9215 B
7	BIOLOGICAL- WATER	Drinking Water	E.coli	IS:15185
8	BIOLOGICAL- WATER	Drinking water	Faecal Coliform	IS 1622
9	BIOLOGICAL- WATER	Drinking Water	SPC,TBC,TPC,TAC	IS 1622
10	BIOLOGICAL- WATER	Drinking Water	Total Coliform	IS:15185
11	BIOLOGICAL- WATER	Ground Water, Surface Water	E.coli	IS:15185
12	BIOLOGICAL- WATER	Ground Water, Surface Water	SPC,TBC,TPC,TAC	IS 1622
13	BIOLOGICAL- WATER	Ground Water, Surface Water	Total Coliforms	IS:15185
14	BIOLOGICAL- WATER	Packaged Drinking Water	Coliform Count	IS 15185
15	BIOLOGICAL- WATER	Packaged Drinking Water	E.coli	IS 15185
16	BIOLOGICAL- WATER	Packaged Natural Mineral Water	Coliforms	IS 15185
17	BIOLOGICAL- WATER	Packaged Natural Mineral Water	E.coli	IS 15185
18	BIOLOGICAL- WATER	Swimming pool water	Conliform Count	IS 1622
19	BIOLOGICAL- WATER	Swimming pool water	Standard Plate Count	IS 3328
20	CHEMICAL- BUILDING MATERIAL	Admixture	Ash Content	IS 9103
21	CHEMICAL- BUILDING MATERIAL	Admixture	Chlorides	IS 6925
22	CHEMICAL- BUILDING MATERIAL	Admixture	Dry Material Content	IS 9103

SCOPE OF ACCREDITATION

Laboratory Name :	SPECTRO SSA LABS PRIVATE LIMITED, R-489, T.T.C. INDUSTRIAL AREA, MIDC, RABALE, NAVI MUMBAI, MAHARASHTRA, INDIA		
Accreditation Standard	ISO/IEC 17025:2017		
Certificate Number	TC-8163	**Page No**	2 of 29
Validity	17/10/2021 to 16/10/2023	**Last Amended on**	24/08/2022

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
23	CHEMICAL- BUILDING MATERIAL	Admixture	pH	IS 9103
24	CHEMICAL- BUILDING MATERIAL	Admixture	Relative Density	IS 9103
25	CHEMICAL- BUILDING MATERIAL	Admixture	Sulphates	SOP/CHE/03/ADMIX/001
26	CHEMICAL- BUILDING MATERIAL	Aggregates	Chlorides	BS EN 1744-1
27	CHEMICAL- BUILDING MATERIAL	Aggregates	Sulphate as SO3	BS EN 1744-1
28	CHEMICAL- BUILDING MATERIAL	Aggregates	Alkali Aggregate Reactivity	IS 2386 (Part VII) (Cl. 3)
29	CHEMICAL- BUILDING MATERIAL	Aggregates	Chlorides	IS 14959 (Part 2)
30	CHEMICAL- BUILDING MATERIAL	Aggregates	Sulphate as SO3	IS 4032
31	CHEMICAL- BUILDING MATERIAL	Cement (OPC, PPC, PSC & White Cement)	Alumina (Al2O3)	IS 4032
32	CHEMICAL- BUILDING MATERIAL	Cement (OPC, PPC, PSC & White Cement)	Chlorides (Cl)	IS 4032
33	CHEMICAL- BUILDING MATERIAL	Cement (OPC, PPC, PSC & White Cement)	Insoluble Residue (IR)	IS 4032
34	CHEMICAL- BUILDING MATERIAL	Cement (OPC, PPC, PSC & White Cement)	Iron Oxide (Fe2O3)	IS 4032
35	CHEMICAL- BUILDING MATERIAL	Cement (OPC, PPC, PSC & White Cement)	Lime (CaO)	IS 4032
36	CHEMICAL- BUILDING MATERIAL	Cement (OPC, PPC, PSC & White Cement)	Loss on Ignition (LOI)	IS 4032
37	CHEMICAL- BUILDING MATERIAL	Cement (OPC, PPC, PSC & White Cement)	Magnesia (MgO)	IS 4032
38	CHEMICAL- BUILDING MATERIAL	Cement (OPC, PPC, PSC & White Cement)	Potash (K2O)	IS 4032
39	CHEMICAL- BUILDING MATERIAL	Cement (OPC, PPC, PSC & White Cement)	Silica (SiO2)	IS 4032
40	CHEMICAL- BUILDING MATERIAL	Cement (OPC, PPC, PSC & White Cement)	Soda (Na2O)	IS 4032
41	CHEMICAL- BUILDING MATERIAL	Cement (OPC, PPC, PSC & White Cement)	Sulphuric Anhydride (SO3)	IS 4032

SCOPE OF ACCREDITATION

Laboratory Name :	SPECTRO SSA LABS PRIVATE LIMITED, R-489, T.T.C. INDUSTRIAL AREA, MIDC, RABALE, NAVI MUMBAI, MAHARASHTRA, INDIA		
Accreditation Standard	ISO/IEC 17025:2017		
Certificate Number	TC-8163	**Page No**	3 of 29
Validity	17/10/2021 to 16/10/2023	**Last Amended on**	24/08/2022

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
42	CHEMICAL- BUILDING MATERIAL	Concrete	Cement content	BS 1881 (Part 124)
43	CHEMICAL- BUILDING MATERIAL	Concrete	Cement content	IS 1199
44	CHEMICAL- BUILDING MATERIAL	Concrete	Chlorides	BS 1881(P-124)
45	CHEMICAL- BUILDING MATERIAL	Concrete	Cement content	IS 516 (Part 11)
46	CHEMICAL- BUILDING MATERIAL	Concrete	Chlorides	IS 14959 (Part 2)
47	CHEMICAL- BUILDING MATERIAL	Concrete	Sulphates	BS 1881 (Part 124)
48	CHEMICAL- BUILDING MATERIAL	Fly ash	Lime (CaO)	ASTM C114
49	CHEMICAL- BUILDING MATERIAL	Fly ash	Lime (CaO)	ASTM C311/C331M
50	CHEMICAL- BUILDING MATERIAL	Fly ash	Magnesia (MgO)	ASTM C114
51	CHEMICAL- BUILDING MATERIAL	Fly ash	Magnesia (MgO)	ASTM C311/C331M
52	CHEMICAL- BUILDING MATERIAL	Fly ash	Moisture content	ASTM C311/C331M
53	CHEMICAL- BUILDING MATERIAL	Fly ash	Moisture content	IS 3812(P-1)
54	CHEMICAL- BUILDING MATERIAL	Fly ash	Alumina (Al2O3)	ASTM C114
55	CHEMICAL- BUILDING MATERIAL	Fly ash	Alumina (Al2O3)	ASTM C311/C311M
56	CHEMICAL- BUILDING MATERIAL	Fly ash	Alumina (Al2O3)	IS 1727
57	CHEMICAL- BUILDING MATERIAL	Fly ash	Available Alkali (Na2O)	IS 3812 (Part 1) (Annex C)
58	CHEMICAL- BUILDING MATERIAL	Fly ash	Chlorides (Cl)	IS 4032
59	CHEMICAL- BUILDING MATERIAL	Fly ash	Iron Oxide (Fe2O3)	ASTM C114
60	CHEMICAL- BUILDING MATERIAL	Fly ash	Iron Oxide (Fe2O3)	ASTM C311/C311M

SCOPE OF ACCREDITATION

Laboratory Name :	SPECTRO SSA LABS PRIVATE LIMITED, R-489, T.T.C. INDUSTRIAL AREA, MIDC, RABALE, NAVI MUMBAI, MAHARASHTRA, INDIA		
Accreditation Standard	ISO/IEC 17025:2017		
Certificate Number	TC-8163	**Page No**	4 of 29
Validity	17/10/2021 to 16/10/2023	**Last Amended on**	24/08/2022

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
61	CHEMICAL- BUILDING MATERIAL	Fly ash	Iron Oxide (Fe2O3)	IS 1727
62	CHEMICAL- BUILDING MATERIAL	Fly ash	Lime (CaO)	IS 1727
63	CHEMICAL- BUILDING MATERIAL	Fly ash	Loss on Ignition	ASTM C311/C331M
64	CHEMICAL- BUILDING MATERIAL	Fly ash	Loss on Ignition (LOI)	IS 1727
65	CHEMICAL- BUILDING MATERIAL	Fly ash	Magnesia (MgO)	IS 1727
66	CHEMICAL- BUILDING MATERIAL	Fly ash	Potash (K2O)	ASTM C114
67	CHEMICAL- BUILDING MATERIAL	Fly ash	Potash (K2O)	ASTM C311/C311M
68	CHEMICAL- BUILDING MATERIAL	Fly ash	Potash (K2O)	IS 1727
69	CHEMICAL- BUILDING MATERIAL	Fly ash	Silica (SiO2)	ASTM C311/C311M
70	CHEMICAL- BUILDING MATERIAL	Fly ash	Silica (SiO2)	IS 1727
71	CHEMICAL- BUILDING MATERIAL	Fly ash	Silica(SiO2)	ASTM C114
72	CHEMICAL- BUILDING MATERIAL	Fly ash	Soda (Na2O)	ASTM C114
73	CHEMICAL- BUILDING MATERIAL	Fly ash	Soda (Na2O)	ASTM C311/C311M
74	CHEMICAL- BUILDING MATERIAL	Fly ash	Soda (Na2O)	IS 1727
75	CHEMICAL- BUILDING MATERIAL	Fly ash	Sulphuric Anhydride (SO3)	ASTM C114
76	CHEMICAL- BUILDING MATERIAL	Fly ash	Sulphuric Anhydride (SO3)	ASTM C311/C311M
77	CHEMICAL- BUILDING MATERIAL	Fly ash	Sulphuric Anhydride (SO3)	IS 1727
78	CHEMICAL- BUILDING MATERIAL	Granulated Slag, Alcofine	Moisture	IS 16714
79	CHEMICAL- BUILDING MATERIAL	Granulated Slag, Alcofine	Moisture Content	IS 16715

SCOPE OF ACCREDITATION

Laboratory Name :	SPECTRO SSA LABS PRIVATE LIMITED, R-489, T.T.C. INDUSTRIAL AREA, MIDC, RABALE, NAVI MUMBAI, MAHARASHTRA, INDIA		
Accreditation Standard	ISO/IEC 17025:2017		
Certificate Number	TC-8163	**Page No**	5 of 29
Validity	17/10/2021 to 16/10/2023	**Last Amended on**	24/08/2022

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
80	CHEMICAL- BUILDING MATERIAL	Granulated Slag, Alcofine	Sulphate (SO3)	IS 4032
81	CHEMICAL- BUILDING MATERIAL	Granulated Slag, Alcofine	Alumina (Al2O3)	IS 4032
82	CHEMICAL- BUILDING MATERIAL	Granulated Slag, Alcofine	Chlorides (Cl)	IS 4032
83	CHEMICAL- BUILDING MATERIAL	Granulated Slag, Alcofine	Insoluble matter	IS 4032
84	CHEMICAL- BUILDING MATERIAL	Granulated Slag, Alcofine	Iron Oxide (Fe2O3)	IS 4032
85	CHEMICAL- BUILDING MATERIAL	Granulated Slag, Alcofine	Lime (CaO)	IS 4032
86	CHEMICAL- BUILDING MATERIAL	Granulated Slag, Alcofine	Loss on Ignition	IS 4032
87	CHEMICAL- BUILDING MATERIAL	Granulated Slag, Alcofine	Magnesia (MgO)	IS 4032
88	CHEMICAL- BUILDING MATERIAL	Granulated Slag, Alcofine	Manganese Oxide (MnO)	IS 4032
89	CHEMICAL- BUILDING MATERIAL	Granulated Slag, Alcofine	Moisture	IS 4032
90	CHEMICAL- BUILDING MATERIAL	Granulated Slag, Alcofine	Silica (SiO2)	IS 4032
91	CHEMICAL- BUILDING MATERIAL	Gypsum	Magnesium Oxide	IS 1288
92	CHEMICAL- BUILDING MATERIAL	Gypsum	Combined Iron oxide & Alumina	IS 1288
93	CHEMICAL- BUILDING MATERIAL	Gypsum	Free Lime	IS 2547 (Part 1) (App C)
94	CHEMICAL- BUILDING MATERIAL	Gypsum	Lime (CaO)	IS 1288
95	CHEMICAL- BUILDING MATERIAL	Gypsum	Loss on Ignition (LOI)	IS 2547 (Part 1) (App B)
96	CHEMICAL- BUILDING MATERIAL	Gypsum	Magnesia (MgO)	IS 2547 (Part 1) (App A)
97	CHEMICAL- BUILDING MATERIAL	Gypsum	Silica & Acid Insoluble	IS 1288
98	CHEMICAL- BUILDING MATERIAL	Gypsum	Soda (Na2O)	IS 2547 (Part 1) (App A)

SCOPE OF ACCREDITATION

Laboratory Name :	SPECTRO SSA LABS PRIVATE LIMITED, R-489, T.T.C. INDUSTRIAL AREA, MIDC, RABALE, NAVI MUMBAI, MAHARASHTRA, INDIA		
Accreditation Standard	ISO/IEC 17025:2017		
Certificate Number	TC-8163	**Page No**	6 of 29
Validity	17/10/2021 to 16/10/2023	**Last Amended on**	24/08/2022

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
99	CHEMICAL- BUILDING MATERIAL	Gypsum	Sulphates	IS 1288
100	CHEMICAL- BUILDING MATERIAL	Micro silica, Silica Fumes	Available Alkali (as Na2O)	IS 15388
101	CHEMICAL- BUILDING MATERIAL	Micro silica, Silica Fumes	Potash (K2O)	ASTM C114
102	CHEMICAL- BUILDING MATERIAL	Micro silica, Silica Fumes	Potash (K2O)	ASTM C311/C311M
103	CHEMICAL- BUILDING MATERIAL	Micro silica, Silica Fumes	Soda (Na2O)	ASTM C114
104	CHEMICAL- BUILDING MATERIAL	Micro silica, Silica Fumes	Soda (Na2O)	ASTM C311/C311M
105	CHEMICAL- BUILDING MATERIAL	Micro silica, Silica Fumes	Loss on Ignition (LOI)	ASTM C311/C311M
106	CHEMICAL- BUILDING MATERIAL	Micro silica, Silica Fumes	Loss on Ignition (LOI)	IS 1727
107	CHEMICAL- BUILDING MATERIAL	Micro silica, Silica Fumes	Moisture	ASTM C311/C311M
108	CHEMICAL- BUILDING MATERIAL	Micro silica, Silica Fumes	Moisture	IS 15388
109	CHEMICAL- BUILDING MATERIAL	Micro silica, Silica Fumes	Silica (SiO2)	ASTM C311/C311M
110	CHEMICAL- BUILDING MATERIAL	Micro silica, Silica Fumes	Silica (SiO2)	IS 1727
111	CHEMICAL- BUILDING MATERIAL	Micro silica, Silica Fumes	Soda (Na2O)	ASTM C311/C311M
112	CHEMICAL- BUILDING MATERIAL	Micro silica, Silica Fumes	Soda (Na2O)	IS 4032
113	CHEMICAL- CORROSION TESTS	Cold Rolled Steel panels for Testing Paint, Varnish, Conversion Coatings, and Related Coating Products, Corrosion products from anodic coatings, Corrosion products from cathodic coatings, Ferrous Panel/Component/Product with Ni-Cr Coating, Galvanized	Salt spray Test (NSS)	ASTM B117
114	CHEMICAL- CORROSION TESTS	Salt Spray Test (NSS) (Cold Rolled Steel panels for Testing Paint, Varnish, Conversion Coatings, and Related Coating Products, Corrosion products from anodic coatings, Corrosion products from cathodic coatings, Ferrous Pannel/Component/Product with Ni-Cr Coating, Galvanized)	Salt Spray Test (NSS)	BS EN ISO 10289

SCOPE OF ACCREDITATION

Laboratory Name :	SPECTRO SSA LABS PRIVATE LIMITED, R-489, T.T.C. INDUSTRIAL AREA, MIDC, RABALE, NAVI MUMBAI, MAHARASHTRA, INDIA		
Accreditation Standard	ISO/IEC 17025:2017		
Certificate Number	TC-8163	**Page No**	7 of 29
Validity	17/10/2021 to 16/10/2023	**Last Amended on**	24/08/2022

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
115	CHEMICAL- CORROSION TESTS	Salt Spray Test (NSS) (Cold Rolled Steel panels for Testing Paint, Varnish, Conversion Coatings, and Related Coating Products, Corrosion products from anodic coatings, Corrosion products from cathodic coatings, Ferrous Pannel/Component/Product with Ni-Cr Coating, Galvanized)	Salt Spray Test (NSS)	ISO 9227
116	CHEMICAL- INDUSTRIAL & FINE CHEMICALS	Sodium Silicate	Matter in soluble	IS 6773
117	CHEMICAL- INDUSTRIAL & FINE CHEMICALS	Sodium Silicate	pH	IS 6773
118	CHEMICAL- INDUSTRIAL & FINE CHEMICALS	Sodium Silicate	Solid Content	IS: 6773
119	CHEMICAL- INDUSTRIAL & FINE CHEMICALS	Sodium Silicate	Specific gravity	IS:14212
120	CHEMICAL- INDUSTRIAL & FINE CHEMICALS	Sodium Silicate	Total Alkalinity	IS 14212
121	CHEMICAL- INDUSTRIAL & FINE CHEMICALS	Sodium Silicate	Total Alkalinity	IS: 6773
122	CHEMICAL- INDUSTRIAL & FINE CHEMICALS	Sodium Silicate	Total Soluble Silica (SiO2)	IS 6773
123	CHEMICAL- INDUSTRIAL & FINE CHEMICALS	Sodium Silicate	Total Soluble Silica (SiO2)	IS:14212
124	CHEMICAL- INDUSTRIAL & FINE CHEMICALS	Sodium Silicate	Matter in soluble	IS14212
125	CHEMICAL- INDUSTRIAL & FINE CHEMICALS	Sodium Silicate	Specific gravity	IS: 6773
126	CHEMICAL- METALLIC COATINGS & TREATMENT SOLUTIONS	Ferrous and non-ferrous Articles	Anodising Thickness	IS 5523
127	CHEMICAL- METALLIC COATINGS & TREATMENT SOLUTIONS	Ferrous and non-ferrous Articles	Coating thickness (Ni Coating)	ASTM E376
128	CHEMICAL- METALLIC COATINGS & TREATMENT SOLUTIONS	Ferrous and non-ferrous Articles	Coating thickness (Ni Coating)	IS 6012
129	CHEMICAL- METALLIC COATINGS & TREATMENT SOLUTIONS	ferrous and non-ferrous Articles	Coating thickness (Zn Coating)	ASTM E376
130	CHEMICAL- METALLIC COATINGS & TREATMENT SOLUTIONS	ferrous and non-ferrous Articles	Coating thickness (Zn Coating)	IS 6012

SCOPE OF ACCREDITATION

Laboratory Name :	SPECTRO SSA LABS PRIVATE LIMITED, R-489, T.T.C. INDUSTRIAL AREA, MIDC, RABALE, NAVI MUMBAI, MAHARASHTRA, INDIA		
Accreditation Standard	ISO/IEC 17025:2017		
Certificate Number	TC-8163	**Page No**	8 of 29
Validity	17/10/2021 to 16/10/2023	**Last Amended on**	24/08/2022

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
131	CHEMICAL- METALLIC COATINGS & TREATMENT SOLUTIONS	Iron & Steel Article	Adhesion Tests of Zinc coating on Zinc coated iron & Steel Article	IS 2629
132	CHEMICAL- METALLIC COATINGS & TREATMENT SOLUTIONS	Iron & Steel Article	Determination of Mass of Zinc coating on Zinc coated iron & Steel Article	IS 6745
133	CHEMICAL- METALLIC COATINGS & TREATMENT SOLUTIONS	Iron & Steel Article	uniformity /continuity of Zinc coating on Zinc coated iron & Steel Article	IS 2633
134	CHEMICAL- METALS & ALLOYS	Low Alloy & Carbon Steel	Aluminium	ASTM E 415
135	CHEMICAL- METALS & ALLOYS	Low Alloy & Carbon Steel	Aluminium	IS 8811
136	CHEMICAL- METALS & ALLOYS	Low Alloy & Carbon Steel	Carbon	ASTM E 415
137	CHEMICAL- METALS & ALLOYS	Low Alloy & Carbon Steel	Carbon	IS 8811
138	CHEMICAL- METALS & ALLOYS	Low Alloy & Carbon Steel	Chromium	ASTM E 415
139	CHEMICAL- METALS & ALLOYS	Low Alloy & Carbon Steel	Chromium	IS 8811
140	CHEMICAL- METALS & ALLOYS	Low Alloy & Carbon Steel	Copper	ASTM E 415
141	CHEMICAL- METALS & ALLOYS	Low Alloy & Carbon Steel	Copper	IS 8811
142	CHEMICAL- METALS & ALLOYS	Low Alloy & Carbon Steel	Manganese	ATM E 415
143	CHEMICAL- METALS & ALLOYS	Low Alloy & Carbon Steel	Manganese	IS 8811
144	CHEMICAL- METALS & ALLOYS	Low Alloy & Carbon Steel	Molybdenum	ASTM E 415
145	CHEMICAL- METALS & ALLOYS	Low Alloy & Carbon Steel	Molybdenum	IS 8811
146	CHEMICAL- METALS & ALLOYS	Low Alloy & Carbon Steel	Nickel	ASTM E 415
147	CHEMICAL- METALS & ALLOYS	Low Alloy & Carbon Steel	Nickel	IS 8811
148	CHEMICAL- METALS & ALLOYS	Low Alloy & Carbon Steel	Niobium	ASTM E 415

SCOPE OF ACCREDITATION

Laboratory Name :	SPECTRO SSA LABS PRIVATE LIMITED, R-489, T.T.C. INDUSTRIAL AREA, MIDC, RABALE, NAVI MUMBAI, MAHARASHTRA, INDIA		
Accreditation Standard	ISO/IEC 17025:2017		
Certificate Number	TC-8163	**Page No**	9 of 29
Validity	17/10/2021 to 16/10/2023	**Last Amended on**	24/08/2022

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
149	CHEMICAL- METALS & ALLOYS	Low Alloy & Carbon Steel	Niobium	IS 8811
150	CHEMICAL- METALS & ALLOYS	Low Alloy & Carbon Steel	Phosphorus	ASTM E 415
151	CHEMICAL- METALS & ALLOYS	Low Alloy & Carbon Steel	Phosphorus	IS 8811
152	CHEMICAL- METALS & ALLOYS	Low Alloy & Carbon Steel	Silicon	ASTM E 415
153	CHEMICAL- METALS & ALLOYS	Low Alloy & Carbon Steel	Silicon	IS 8811
154	CHEMICAL- METALS & ALLOYS	Low Alloy & Carbon Steel	Sulphur	ASTM E 415
155	CHEMICAL- METALS & ALLOYS	Low Alloy & Carbon Steel	Sulphur	IS 8811
156	CHEMICAL- METALS & ALLOYS	Low Alloy & Carbon Steel	Vanadium	ASTM E 415
157	CHEMICAL- METALS & ALLOYS	Low Alloy & Carbon Steel	Vanadium	IS 8811
158	CHEMICAL- METALS & ALLOYS	Stainless Steel	Carbon	ASTM E 1086
159	CHEMICAL- METALS & ALLOYS	Stainless Steel	Carbon	IS 9879
160	CHEMICAL- METALS & ALLOYS	Stainless Steel	Chromium	ASTM E 1086
161	CHEMICAL- METALS & ALLOYS	Stainless Steel	Chromium	IS 9879
162	CHEMICAL- METALS & ALLOYS	Stainless Steel	Copper	ASTM E 1086
163	CHEMICAL- METALS & ALLOYS	Stainless Steel	Copper	IS 9879
164	CHEMICAL- METALS & ALLOYS	Stainless Steel	Manganese	ASTM E 1086
165	CHEMICAL- METALS & ALLOYS	Stainless Steel	Manganese	IS 9879
166	CHEMICAL- METALS & ALLOYS	Stainless Steel	Molybdenum	ASTM E 1086
167	CHEMICAL- METALS & ALLOYS	Stainless Steel	Molybdenum	IS 9879

SCOPE OF ACCREDITATION

Laboratory Name :	SPECTRO SSA LABS PRIVATE LIMITED, R-489, T.T.C. INDUSTRIAL AREA, MIDC, RABALE, NAVI MUMBAI, MAHARASHTRA, INDIA		
Accreditation Standard	ISO/IEC 17025:2017		
Certificate Number	TC-8163	**Page No**	10 of 29
Validity	17/10/2021 to 16/10/2023	**Last Amended on**	24/08/2022

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
168	CHEMICAL- METALS & ALLOYS	Stainless Steel	Nickel	ASTM E 1086
169	CHEMICAL- METALS & ALLOYS	Stainless Steel	Nickel	IS 9879
170	CHEMICAL- METALS & ALLOYS	Stainless Steel	Phosphorus	ASTM E 1086
171	CHEMICAL- METALS & ALLOYS	Stainless Steel	Phosphorus	IS 9879
172	CHEMICAL- METALS & ALLOYS	Stainless Steel	Silicon	ASTM E 1086
173	CHEMICAL- METALS & ALLOYS	Stainless Steel	Silicon	IS 9879
174	CHEMICAL- METALS & ALLOYS	Stainless Steel	Sulphur	ASTM E 1086
175	CHEMICAL- METALS & ALLOYS	Stainless Steel	Sulphur	IS 9879
176	CHEMICAL- METALS & ALLOYS	Steel & Steel Alloys (Plain, Medium & High Carbon Steel)	Carbon	IS 228 (Part 1)
177	CHEMICAL- METALS & ALLOYS	Steel & Steel Alloys (Plain, Medium & High Carbon Steel)	Chromium	IS 228 (Part 6)
178	CHEMICAL- METALS & ALLOYS	Steel & Steel Alloys (Plain, Medium & High Carbon Steel)	Manganese	IS 228 (Part 2)
179	CHEMICAL- METALS & ALLOYS	Steel & Steel Alloys (Plain, Medium & High Carbon Steel)	Molybdenum	IS 228 (Part 7)
180	CHEMICAL- METALS & ALLOYS	Steel & Steel Alloys (Plain, Medium & High Carbon Steel)	Nickel	IS 228 (Part 5)
181	CHEMICAL- METALS & ALLOYS	Steel & Steel Alloys (Plain, Medium & High Carbon Steel)	Phosphorus	IS 228 (Part 3)
182	CHEMICAL- METALS & ALLOYS	Steel & Steel Alloys (Plain, Medium & High Carbon Steel)	Silicon	IS 228 (Part 8)
183	CHEMICAL- METALS & ALLOYS	Steel & Steel Alloys (Plain, Medium & High Carbon Steel)	Sulphur	IS 228 (Part 9)
184	CHEMICAL- METALS & ALLOYS	Steel & Steel Alloys (Plain, Medium & High Carbon Steel)	Sulphur	IS 6226 (Part 2)
185	CHEMICAL- POLLUTION & ENVIRONMENT	Soil	Calcium carbonate	IS 2720 (Part 23)
186	CHEMICAL- POLLUTION & ENVIRONMENT	Soil	pH	IS 2720 Part-26

SCOPE OF ACCREDITATION

Laboratory Name :	SPECTRO SSA LABS PRIVATE LIMITED, R-489, T.T.C. INDUSTRIAL AREA, MIDC, RABALE, NAVI MUMBAI, MAHARASHTRA, INDIA		
Accreditation Standard	ISO/IEC 17025:2017		
Certificate Number	TC-8163	**Page No**	11 of 29
Validity	17/10/2021 to 16/10/2023	**Last Amended on**	24/08/2022

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
187	CHEMICAL- POLLUTION & ENVIRONMENT	Soil	Total soluble solids	IS 2720 (Part 21)
188	CHEMICAL- POLLUTION & ENVIRONMENT	Soil	Total soluble Sulphates (SO4)	IS 2720 (Part 27)
189	CHEMICAL- POLLUTION & ENVIRONMENT	Soil, Reclamation material	Organic matter	IS 2720 (Part 22)
190	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water (ETP, STP, TTP, Sewage water), Treated water	Ammonical Nitrogen	IS 3025 (Part 34)
191	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water (ETP, STP, TTP, Sewage water), Treated water	Electrical conductivity	APHA 2510
192	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water (ETP, STP, TTP, Sewage water), Treated water	Iron	IS 3025 (Part 53)
193	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water (ETP, STP, TTP, Sewage water), Treated water	Nitrite	IS 3025 (Part 34)
194	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water (ETP, STP, TTP, Sewage water), Treated water	pH Value	APHA 4500 H +
195	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water (ETP, STP, TTP, Sewage water), Treated water	pH Value	IS 3025 (Part 11)
196	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water (ETP, STP, TTP, Sewage water), Treated water	Phenolphathalein alkanity	IS 3025 (Part 23)
197	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water (ETP, STP, TTP, Sewage water), Treated water	Phosphate	IS 3025 (Part 31)
198	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water (ETP, STP, TTP, Sewage water), Treated water	Residual Free Chlorine	IS 3025 (Part 26)
199	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water (ETP, STP, TTP, Sewage water), Treated water	Sulphate	IS 3025 (Part 24)
200	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water (ETP, STP, TTP, Sewage water), Treated water	Total Dissolved Solids	APHA 2540 B
201	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water (ETP, STP, TTP, Sewage water), Treated water	Total Dissolved Solids	IS 3025 (Part 16)
202	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water (ETP, STP, TTP, Sewage water), Treated water	Total Hardness	APHA 2340 C
203	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water (ETP, STP, TTP, Sewage water), Treated water	Total Hardness	IS 3025 (Part-21)
204	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water (ETP, STP, TTP, Sewage water), Treated water	Turbidity	IS 3025 (Part 10)
205	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water (ETP, STP, TTP, Sewage water), Treated water	Acidity	IS 3025 (Part 22)

SCOPE OF ACCREDITATION

Laboratory Name :	SPECTRO SSA LABS PRIVATE LIMITED, R-489, T.T.C. INDUSTRIAL AREA, MIDC, RABALE, NAVI MUMBAI, MAHARASHTRA, INDIA		
Accreditation Standard	ISO/IEC 17025:2017		
Certificate Number	TC-8163	**Page No**	12 of 29
Validity	17/10/2021 to 16/10/2023	**Last Amended on**	24/08/2022

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
206	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water (ETP, STP, TTP, Sewage water), Treated water	Calcium	IS 3025 (Part 40)
207	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water (ETP, STP, TTP, Sewage water), Treated water	Carbonate Hardness	IS 3025 (Part-21)
208	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water (ETP, STP, TTP, Sewage water), Treated water	Chloride	APHA 4500 Cl B
209	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water (ETP, STP, TTP, Sewage water), Treated water	Chloride	IS 3025 (Part 32)
210	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water (ETP, STP, TTP, Sewage water), Treated water	Colour	APHA 2120
211	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water (ETP, STP, TTP, Sewage water), Treated water	Colour	IS 3025 (Part 4)
212	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water (ETP, STP, TTP, Sewage water), Treated water	Copper	IS 3025 (Part 42)
213	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water (ETP, STP, TTP, Sewage water), Treated water	Electrical conductivity	IS 3025 (Part 14)
214	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water (ETP, STP, TTP, Sewage water), Treated water	Magnesium	IS 3025 (Part 46)
215	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water (ETP, STP, TTP, Sewage water), Treated water	Manganese	IS 3025 (Part 59)
216	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water (ETP, STP, TTP, Sewage water), Treated water	Non Carbonate Hardness	IS 3025 (Part-21)
217	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water (ETP, STP, TTP, Sewage water), Treated water	Total Alkalinity	IS 3025 (Part 23)
218	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water (ETP, STP, TTP, Sewage water), Treated water	BOD	APHA 5210
219	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water (ETP, STP, TTP, Sewage water), Treated water	BOD	IS 3025 (Part 44)
220	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water (ETP, STP, TTP, Sewage water), Treated water	COD	APHA 5220B
221	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water (ETP, STP, TTP, Sewage water), Treated water	COD	IS 3025 (Part 58)
222	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water (ETP, STP, TTP, Sewage water), Treated water	Dissolve Oxygen	APHA 4500 C
223	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water (ETP, STP, TTP, Sewage water), Treated water	Dissolve Oxygen	IS 3025 (Part 38)
224	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water (ETP, STP, TTP, Sewage water), Treated water	Electrical conductivity	APHA 2510

SCOPE OF ACCREDITATION

Laboratory Name :	SPECTRO SSA LABS PRIVATE LIMITED, R-489, T.T.C. INDUSTRIAL AREA, MIDC, RABALE, NAVI MUMBAI, MAHARASHTRA, INDIA		
Accreditation Standard	ISO/IEC 17025:2017		
Certificate Number	TC-8163	**Page No**	13 of 29
Validity	17/10/2021 to 16/10/2023	**Last Amended on**	24/08/2022

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
225	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water (ETP, STP, TTP, Sewage water), Treated water	Oil and Grease	APHA 5520
226	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water (ETP, STP, TTP, Sewage water), Treated water	Oil and Grease	IS 3025 (Part 39)
227	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water (ETP, STP, TTP, Sewage water), Treated water	Phosphorus	IS 3025 (Part 31)
228	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water (ETP, STP, TTP, Sewage water), Treated water	Reactive Silica	IS 3025 (Part 35)
229	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water (ETP, STP, TTP, Sewage water), Treated water	Total Chromium	APHA 3500 Cr B
230	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water (ETP, STP, TTP, Sewage water), Treated water	Total Chromium	IS 3025 (Part 52)
231	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water (ETP, STP, TTP, Sewage water), Treated water	Total Dissolved Solids	IS 3025 (Part 16)
232	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water (ETP, STP, TTP, Sewage water), Treated water	Total Suspended Solids	APHA 2540
233	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water (ETP, STP, TTP, Sewage water), Treated water	Total Suspended Solids	IS 3025 (Part 15)
234	CHEMICAL- RESIDUES IN WATER	Battery Water	Iron	APHA 3500 Fe B
235	CHEMICAL- RESIDUES IN WATER	Battery Water	Iron	IS 3025 (Part-53)
236	CHEMICAL- RESIDUES IN WATER	Battery Water	Lead	IS 3025 (Part 47)
237	CHEMICAL- RESIDUES IN WATER	Dialysis water	Chromium	APHA 3113-B
238	CHEMICAL- RESIDUES IN WATER	Dialysis water	Chromium	IS:3025 (Part 45)
239	CHEMICAL- RESIDUES IN WATER	Dialysis water	Copper	APHA 3113-B
240	CHEMICAL- RESIDUES IN WATER	Dialysis water	Copper	IS:3025 (Part 42)
241	CHEMICAL- RESIDUES IN WATER	Dialysis water	Iron	IS 3025 (Part 53)
242	CHEMICAL- RESIDUES IN WATER	Dialysis water	Manganese	IS 3025 (Part 59)
243	CHEMICAL- RESIDUES IN WATER	Water (Drinking water, Water for food ,Water for Ice, RO water, Other Drinking Purpose Water)	Cadmium	IS 3025 (Part 41)

SCOPE OF ACCREDITATION

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

Accreditation Standard ISO/IEC 17025:2017

Certificate Number TC-8163 **Page No** 14 of 29

Validity 17/10/2021 to 16/10/2023 **Last Amended on** 24/08/2022

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
244	CHEMICAL- RESIDUES IN WATER	Water (Drinking water, Water for food ,Water for Ice, RO water, Other Drinking Purpose Water)	Chromium	IS 3025 (Part 52)
245	CHEMICAL- RESIDUES IN WATER	Water (Drinking water, Water for food ,Water for Ice, RO water, Other Drinking Purpose Water)	Copper	IS 3025 (Part 42)
246	CHEMICAL- RESIDUES IN WATER	Water (Drinking water, Water for food ,Water for Ice, RO water, Other Drinking Purpose Water)	Iron	APHA 3500 Fe B
247	CHEMICAL- RESIDUES IN WATER	Water (Drinking water, Water for food ,Water for Ice, RO water, Other Drinking Purpose Water)	Iron	IS 3025 (Part 53)
248	CHEMICAL- RESIDUES IN WATER	Water (Drinking water, Water for food ,Water for Ice, RO water, Other Drinking Purpose Water)	Lead	IS 3025 (Part 47)
249	CHEMICAL- RESIDUES IN WATER	Water (Drinking water, Water for food ,Water for Ice, RO water, Other Drinking Purpose Water)	Manganese	IS 3025 (Part 59)
250	CHEMICAL- RESIDUES IN WATER	Water (Drinking water, Water for food ,Water for Ice, RO water, Other Drinking Purpose Water)	Nickel	IS 3025 (Part 54)
251	CHEMICAL- RESIDUES IN WATER	Water for Swimming Pool	Iron	IS 3025 (Part 53) (Cl. 6)
252	CHEMICAL- RESIDUES IN WATER	Water for Swimming Pool	Lead	IS 3025 (Part 47)
253	CHEMICAL- SOLID FUELS	Coal	Ash Content	IS 1350 (Part 1)
254	CHEMICAL- SOLID FUELS	Coal	Fixed Carbon	IS 1350 (Part 1)
255	CHEMICAL- SOLID FUELS	Coal	Gross Calorific Value	IS 1350 (Part 2)
256	CHEMICAL- SOLID FUELS	Coal	Total Moisture	IS 1350 (Part 1)
257	CHEMICAL- SOLID FUELS	Coal	Volatile matter	IS 1350 (Part 1)
258	CHEMICAL- WATER	Battery Water	Chloride	IS 3025 (Part 32)
259	CHEMICAL- WATER	Battery Water	Electrical conductivity	APHA 2510
260	CHEMICAL- WATER	Battery Water	Electrical conductivity	IS 3025 (Part 14)
261	CHEMICAL- WATER	Battery Water	Non -Volatile Residue	IS 1069
262	CHEMICAL- WATER	Battery Water	pH Value	IS 3025 (Part 11)
263	CHEMICAL- WATER	Battery Water	Total Dissolved Solids	APHA 2540 B
264	CHEMICAL- WATER	Battery Water	Total Dissolved Solids	IS 3025 (Part 16)
265	CHEMICAL- WATER	Battery Water	Total Hardness	APHA 2340 C
266	CHEMICAL- WATER	Battery Water	Total Hardness	IS 3025 (Part-21)
267	CHEMICAL- WATER	Dialysis water	Calcium Hardness (CaCO3)	IS:3025 (Part 40)
268	CHEMICAL- WATER	Dialysis water	Calcium	IS:3025 (Part 40)

SCOPE OF ACCREDITATION

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

Accreditation Standard ISO/IEC 17025:2017

Certificate Number TC-8163 **Page No** 15 of 29

Validity 17/10/2021 to 16/10/2023 **Last Amended on** 24/08/2022

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
269	CHEMICAL- WATER	Dialysis water	Chloride	IS 3025 (Part 32)
270	CHEMICAL- WATER	Dialysis water	Colour	IS 3025 (Part 4)
271	CHEMICAL- WATER	Dialysis water	Electrical conductivity	IS 3025 (Part 14)
272	CHEMICAL- WATER	Dialysis water	Fluorides	APHA 4500 D-F
273	CHEMICAL- WATER	Dialysis water	Magnesium	IS 3025 (Part 46)
274	CHEMICAL- WATER	Dialysis water	Methyl orange Alkalinity	IS 3025 (Part 23)
275	CHEMICAL- WATER	Dialysis water	pH Value	APHA 4500 H +
276	CHEMICAL- WATER	Dialysis water	pH Value	IS 3025 (Part 11)
277	CHEMICAL- WATER	Dialysis water	Phenolphthalein Alkalinity	IS 3025 (Part 23)
278	CHEMICAL- WATER	Dialysis water	Potassium	IS:3025 (Part 45)
279	CHEMICAL- WATER	Dialysis water	Reactive silica	IS 3025 (Part 35)
280	CHEMICAL- WATER	Dialysis water	Residual Free chlorine	IS:3025 (Part 26)
281	CHEMICAL- WATER	Dialysis water	Sodium	IS:3025 (Part 45)
282	CHEMICAL- WATER	Dialysis water	Sulphate	IS:3025 (Part 24)
283	CHEMICAL- WATER	Dialysis water	Total Alkalinity	IS 3025 (Part 23)
284	CHEMICAL- WATER	Dialysis water	Total chlorine	IS:3025 (Part 26)
285	CHEMICAL- WATER	Dialysis water	Total Dissolved Solids	IS 3025 (Part 16)
286	CHEMICAL- WATER	Dialysis water	Total Hardness (CaCO3)	IS 3025 (Part 21)
287	CHEMICAL- WATER	Dialysis water	Turbidity	IS 3025 (Part 10)
288	CHEMICAL- WATER	Dialysis water	Magnesium Hardness (CaCO3)	IS 3025 (Part 46)
289	CHEMICAL- WATER	Reagent Grade Water	Colour retention of KMnO4	IS 1070
290	CHEMICAL- WATER	Reagent Grade Water	pH Value	IS 3025 (Part 11)
291	CHEMICAL- WATER	Reagent Grade Water	Silica	APHA 1995
292	CHEMICAL- WATER	Reagent Grade Water	Silica	IS 3025 (Part 35)
293	CHEMICAL- WATER	Reagent Grade Water	Specific Conductivity	APHA 2510
294	CHEMICAL- WATER	Reagent Grade Water	Specific Conductivity	IS 3025 (Part 14)
295	CHEMICAL- WATER	Reagent Grade Water	Total Solids/Non Volatile Residue	APHA 2540 B
296	CHEMICAL- WATER	Reagent Grade Water	Total Solids/Non Volatile Residue	IS 3025 (Part 15)
297	CHEMICAL- WATER	Water (Drinking water, Water for food ,Water for Ice, RO water, Other Drinking Purpose Water)	Ammonical Nitrogen	IS 3025 (Part 34)

SCOPE OF ACCREDITATION

Laboratory Name :	SPECTRO SSA LABS PRIVATE LIMITED, R-489, T.T.C. INDUSTRIAL AREA, MIDC, RABALE, NAVI MUMBAI, MAHARASHTRA, INDIA		
Accreditation Standard	ISO/IEC 17025:2017		
Certificate Number	TC-8163	**Page No**	16 of 29
Validity	17/10/2021 to 16/10/2023	**Last Amended on**	24/08/2022

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
298	CHEMICAL- WATER	Water (Drinking water, Water for food ,Water for Ice, RO water, Other Drinking Purpose Water)	Carbonate Hardness	IS 3025 (Part-21)
299	CHEMICAL- WATER	Water (Drinking water, Water for food ,Water for Ice, RO water, Other Drinking Purpose Water)	Electrical conductivity	APHA 2510
300	CHEMICAL- WATER	Water (Drinking water, Water for food ,Water for Ice, RO water, Other Drinking Purpose Water)	Electrical conductivity	IS 3025 (Part 14)
301	CHEMICAL- WATER	Water (Drinking water, Water for food ,Water for Ice, RO water, Other Drinking Purpose Water)	Non Carbonate Hardness	IS 3025 (Part-21)
302	CHEMICAL- WATER	Water (Drinking water, Water for food ,Water for Ice, RO water, Other Drinking Purpose Water)	Potassium	IS 3025 Part-45
303	CHEMICAL- WATER	Water (Drinking water, Water for food ,Water for Ice, RO water, Other Drinking Purpose Water)	Sodium	IS 3025 (Part 45)
304	CHEMICAL- WATER	Water (Drinking water, Water for food ,Water for Ice, RO water, Other Drinking Purpose Water)	Temperature	APHA 2550: 23rd Ed
305	CHEMICAL- WATER	Water (Drinking water, Water for food ,Water for Ice, RO water, Other Drinking Purpose Water)	Total Acidity	APHA 2320 B
306	CHEMICAL- WATER	Water (Drinking water, Water for food ,Water for Ice, RO water, Other Drinking Purpose Water)	Total Acidity	IS 3025 (Part 22)
307	CHEMICAL- WATER	Water (Drinking water, Water for food ,Water for Ice, RO water, Other Drinking Purpose Water)	Alkalinity	APHA 2320 B
308	CHEMICAL- WATER	Water (Drinking water, Water for food ,Water for Ice, RO water, Other Drinking Purpose Water)	Alkalinity	IS 3025 (Part 23)
309	CHEMICAL- WATER	Water (Drinking water, Water for food ,Water for Ice, RO water, Other Drinking Purpose Water)	Calcium	IS 3025 (Part 40)
310	CHEMICAL- WATER	Water (Drinking water, Water for food ,Water for Ice, RO water, Other Drinking Purpose Water)	Chloride	IS 3025 (Part 32)
311	CHEMICAL- WATER	Water (Drinking water, Water for food ,Water for Ice, RO water, Other Drinking Purpose Water)	Chloride	APHA 4500 Cl B
312	CHEMICAL- WATER	Water (Drinking water, Water for food ,Water for Ice, RO water, Other Drinking Purpose Water)	Colour	APHA 2120
313	CHEMICAL- WATER	Water (Drinking water, Water for food ,Water for Ice, RO water, Other Drinking Purpose Water)	Colour	IS 3025 (Part 4)
314	CHEMICAL- WATER	Water (Drinking water, Water for food ,Water for Ice, RO water, Other Drinking Purpose Water)	Fluoride	APHA 4500 FD
315	CHEMICAL- WATER	Water (Drinking water, Water for food ,Water for Ice, RO water, Other Drinking Purpose Water)	Fluoride	IS 3025 (Part 60)
316	CHEMICAL- WATER	Water (Drinking water, Water for food ,Water for Ice, RO water, Other Drinking Purpose Water)	Magnesium	IS 3025 (Part 46)

SCOPE OF ACCREDITATION

Laboratory Name :	SPECTRO SSA LABS PRIVATE LIMITED, R-489, T.T.C. INDUSTRIAL AREA, MIDC, RABALE, NAVI MUMBAI, MAHARASHTRA, INDIA		
Accreditation Standard	ISO/IEC 17025:2017		
Certificate Number	TC-8163	**Page No**	17 of 29
Validity	17/10/2021 to 16/10/2023	**Last Amended on**	24/08/2022

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
317	CHEMICAL- WATER	Water (Drinking water, Water for food ,Water for Ice, RO water, Other Drinking Purpose Water)	Nitrite Nitrogen	IS 3025 (Part 34)
318	CHEMICAL- WATER	Water (Drinking water, Water for food ,Water for Ice, RO water, Other Drinking Purpose Water)	Odor	APHA 2150
319	CHEMICAL- WATER	Water (Drinking water, Water for food ,Water for Ice, RO water, Other Drinking Purpose Water)	Odour	IS 3025 (Part 5)
320	CHEMICAL- WATER	Water (Drinking water, Water for food ,Water for Ice, RO water, Other Drinking Purpose Water)	pH value	IS 3025 (Part 11)
321	CHEMICAL- WATER	Water (Drinking water, Water for food ,Water for Ice, RO water, Other Drinking Purpose Water)	Phenolphthalein alkalinity	IS 3025 (Part 23)
322	CHEMICAL- WATER	Water (Drinking water, Water for food ,Water for Ice, RO water, Other Drinking Purpose Water)	Reactive Silica	IS 3025 (Part 35)
323	CHEMICAL- WATER	Water (Drinking water, Water for food ,Water for Ice, RO water, Other Drinking Purpose Water)	Residual Free Chlorine	APHA 4520
324	CHEMICAL- WATER	Water (Drinking water, Water for food ,Water for Ice, RO water, Other Drinking Purpose Water)	Residual Free Chlorine	IS 3025 (Part 26)
325	CHEMICAL- WATER	Water (Drinking water, Water for food ,Water for Ice, RO water, Other Drinking Purpose Water)	Sulphate	APHA 4500 E
326	CHEMICAL- WATER	Water (Drinking water, Water for food ,Water for Ice, RO water, Other Drinking Purpose Water)	Sulphate	IS 3025 (Part 24)
327	CHEMICAL- WATER	Water (Drinking water, Water for food ,Water for Ice, RO water, Other Drinking Purpose Water)	Taste	IS 3025 (Part 8)
328	CHEMICAL- WATER	Water (Drinking water, Water for food ,Water for Ice, RO water, Other Drinking Purpose Water)	Total Dissolved Solids	APHA 2540 B
329	CHEMICAL- WATER	Water (Drinking water, Water for food ,Water for Ice, RO water, Other Drinking Purpose Water)	Total Dissolved Solids	IS 3025 (Part 16)
330	CHEMICAL- WATER	Water (Drinking water, Water for food ,Water for Ice, RO water, Other Drinking Purpose Water)	Total Hardness	APHA 2340 C
331	CHEMICAL- WATER	Water (Drinking water, Water for food ,Water for Ice, RO water, Other Drinking Purpose Water)	Total Hardness	IS 3025 (Part-21)
332	CHEMICAL- WATER	Water (Drinking water, Water for food ,Water for Ice, RO water, Other Drinking Purpose Water)	Turbidity	APHA 2130 B
333	CHEMICAL- WATER	Water (Drinking water, Water for food ,Water for Ice, RO water, Other Drinking Purpose Water)	Turbidity	IS 3025 (Part 10)
334	CHEMICAL- WATER	Water for construction purpose	Potassium	IS:3025 (Part 45)
335	CHEMICAL- WATER	Water for construction purpose	Chloride	IS 3025 (Part 32)
336	CHEMICAL- WATER	Water for construction purpose	Electrical conductivity	APHA 2510

SCOPE OF ACCREDITATION

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

Accreditation Standard ISO/IEC 17025:2017

Certificate Number TC-8163 **Page No** 18 of 29

Validity 17/10/2021 to 16/10/2023 **Last Amended on** 24/08/2022

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
337	CHEMICAL- WATER	Water for construction purpose	Electrical conductivity	IS 3025 (Part 14)
338	CHEMICAL- WATER	Water for construction purpose	Inorganic Solids	IS 3025 (Part 18)
339	CHEMICAL- WATER	Water for construction purpose	Organic Solids	IS 3025 (Part 18)
340	CHEMICAL- WATER	Water for construction purpose	pH Value	IS 3025 (Part 11)
341	CHEMICAL- WATER	Water for construction purpose	Sodium	IS:3025 (Part 45)
342	CHEMICAL- WATER	Water for construction purpose	Sulphate (SO3)	IS 3025 (Part 24)
343	CHEMICAL- WATER	Water for construction purpose	Suspended Matter	IS 3025 (Part 17)
344	CHEMICAL- WATER	Water for construction purpose	Total Hardness	APHA 2340 C
345	CHEMICAL- WATER	Water for construction purpose	Total Hardness	IS 3025 (Part-21)
346	CHEMICAL- WATER	Water for construction purpose	Volume of 0.02 N H2SO4 required to neutralize 100 ml sample of Water using mix indicator	IS 3025 (Part 23)
347	CHEMICAL- WATER	Water for construction purpose	Volume of 0.02 N NaOH required to neutralize 100 ml sample of water using phonolpthalein	IS 3025 (Part 22)
348	CHEMICAL- WATER	Water for Swimming Pools	Chloride	IS 3025 (Part 32)
349	CHEMICAL- WATER	Water for Swimming Pools	Colour	IS 3025 (Part 4)
350	CHEMICAL- WATER	Water for Swimming Pools	Odor	IS 3025 (Part 5)
351	CHEMICAL- WATER	Water for Swimming Pools	pH Value	IS 3025 (Part 11)
352	CHEMICAL- WATER	Water for Swimming Pools	Taste	IS 3025 (Part 8)
353	CHEMICAL- WATER	Water for Swimming Pools	Total Alkalinity	IS 3025 (Part 23)
354	CHEMICAL- WATER	Water for Swimming Pools	Total dissolved Solids	IS 3025 (Part 16)
355	CHEMICAL- WATER	Water for Swimming Pools	Total Residual Chlorine	IS 3025 (Part 26)
356	CHEMICAL- WATER	Water for Swimming Pools	Turbidity	IS 3025 (Part 10)
357	MECHANICAL- BUILDINGS MATERIALS	Fine Aggregates	Deleterious Material	IS 2386 (Part 2)
358	MECHANICAL- BUILDINGS MATERIALS	Flush Door	Flatness (Cupping)	IS 4020 Part 3
359	MECHANICAL- BUILDINGS MATERIALS	Flush Door	Flatness (Twisting)	IS 4020 Part 3
360	MECHANICAL- BUILDINGS MATERIALS	Flush Door	Flatness (Wraping)	IS 4020 Part 3

SCOPE OF ACCREDITATION

Laboratory Name :	SPECTRO SSA LABS PRIVATE LIMITED, R-489, T.T.C. INDUSTRIAL AREA, MIDC, RABALE, NAVI MUMBAI, MAHARASHTRA, INDIA		
Accreditation Standard	ISO/IEC 17025:2017		
Certificate Number	TC-8163	**Page No**	19 of 29
Validity	17/10/2021 to 16/10/2023	**Last Amended on**	24/08/2022

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	MECHANICAL- BUILDINGS MATERIALS	Flush Door	Glue adhesion Test	IS 4020 Part 15
362	MECHANICAL- BUILDINGS MATERIALS	Flush Door	Local Planeness Test	IS 4020 Part 4
363	MECHANICAL- BUILDINGS MATERIALS	Admixture	Workability	IS 9103
364	MECHANICAL- BUILDINGS MATERIALS	Admixtures	Bleeding	IS 9103
365	MECHANICAL- BUILDINGS MATERIALS	Admixtures	Compressive strength	IS 516
366	MECHANICAL- BUILDINGS MATERIALS	Admixtures	Final Time of Setting, Allowable variation from control sample	IS 1199 (Part 7)
367	MECHANICAL- BUILDINGS MATERIALS	Admixtures	Flexural Strength	IS 516
368	MECHANICAL- BUILDINGS MATERIALS	Admixtures	Initial Time of Setting, Allowable variation from control sample	IS 1199 (Part 7)
369	MECHANICAL- BUILDINGS MATERIALS	Admixtures	Slump	IS 1199
370	MECHANICAL- BUILDINGS MATERIALS	Admixtures	Water Content	IS 9103
371	MECHANICAL- BUILDINGS MATERIALS	Autoclaved Cellular Concrete Blocks	Block Density	IS 6441 (Part 1)
372	MECHANICAL- BUILDINGS MATERIALS	Autoclaved Cellular Concrete Blocks	Compressive Strength	IS 6441 (Part 5)
373	MECHANICAL- BUILDINGS MATERIALS	Autoclaved Cellular Concrete Blocks	Dimension	IS 2185 (Part 3)
374	MECHANICAL- BUILDINGS MATERIALS	Autoclaved Cellular Concrete Blocks	Drying Shrinkage	IS 6441 (Part 2)
375	MECHANICAL- BUILDINGS MATERIALS	Autoclaved Cellular Concrete Blocks	Moisture Content	IS 6441 (Part 1)
376	MECHANICAL- BUILDINGS MATERIALS	Building Bricks	Compressive Strength	IS 3495 (Part 1)
377	MECHANICAL- BUILDINGS MATERIALS	Building Bricks	Dimension	IS 1077
378	MECHANICAL- BUILDINGS MATERIALS	Building Bricks	Efflorescence	IS 3495 (Part 3)

SCOPE OF ACCREDITATION

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

Accreditation Standard ISO/IEC 17025:2017

Certificate Number TC-8163 **Page No** 20 of 29

Validity 17/10/2021 to 16/10/2023 **Last Amended on** 24/08/2022

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
379	MECHANICAL- BUILDINGS MATERIALS	Building Bricks	Water Absorption	IS 3495 (Part 2)
380	MECHANICAL- BUILDINGS MATERIALS	Cement	Compressive Strength	IS 4031 (Part 6)
381	MECHANICAL- BUILDINGS MATERIALS	Cement	Consistency	IS 4031 (Part 4)
382	MECHANICAL- BUILDINGS MATERIALS	Cement	Density	IS 4031 (Part 11)
383	MECHANICAL- BUILDINGS MATERIALS	Cement	Fineness By Blaine Air Permeability	IS 4031 (Part 2)
384	MECHANICAL- BUILDINGS MATERIALS	Cement	Setting Time (Final)	IS 4032 (Part 5)
385	MECHANICAL- BUILDINGS MATERIALS	Cement	Setting Time (Initial)	IS 4031 (Part 5)
386	MECHANICAL- BUILDINGS MATERIALS	Cement	Soundness (Autoclave)	IS 4031 (Part 3)
387	MECHANICAL- BUILDINGS MATERIALS	Cement	Soundness (Le-chatelier)	IS 4031 (Part 3)
388	MECHANICAL- BUILDINGS MATERIALS	Cement Concrete Flooring Tiles	Dimension	IS 1237
389	MECHANICAL- BUILDINGS MATERIALS	Cement Concrete Flooring Tiles	Flatness	IS 1237 (Annex B)
390	MECHANICAL- BUILDINGS MATERIALS	Cement Concrete Flooring Tiles	Perpendicularity	IS 1237 (Annex C)
391	MECHANICAL- BUILDINGS MATERIALS	Cement Concrete Flooring Tiles	Resistance to wear	IS 1237 (Annex G)
392	MECHANICAL- BUILDINGS MATERIALS	Cement Concrete Flooring Tiles	Straightness	IS 1237 (Annex D)
393	MECHANICAL- BUILDINGS MATERIALS	Cement Concrete Flooring Tiles	Water Absorption	IS 1237 (Annex E)
394	MECHANICAL- BUILDINGS MATERIALS	Ceramic and vitrified tiles	Bulk Density	IS 13630 (Part 2)
395	MECHANICAL- BUILDINGS MATERIALS	Ceramic and vitrified tiles	Bulk Density	ISO 10545 (P-3)
396	MECHANICAL- BUILDINGS MATERIALS	Ceramic and vitrified tiles	Chemical Resistance Test	IS 13630 (Part 8)
397	MECHANICAL- BUILDINGS MATERIALS	Ceramic and vitrified tiles	Chemical Resistance Test	IS 4457 (Annexure-F)

SCOPE OF ACCREDITATION

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

Accreditation Standard ISO/IEC 17025:2017

Certificate Number TC-8163 **Page No** 21 of 29

Validity 17/10/2021 to 16/10/2023 **Last Amended on** 24/08/2022

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
398	MECHANICAL- BUILDINGS MATERIALS	Ceramic and vitrified tiles	Chemical Resistance Test	ISO 10545-13
399	MECHANICAL- BUILDINGS MATERIALS	Ceramic and vitrified tiles	Length & Width	IS 13630 (Part 1)
400	MECHANICAL- BUILDINGS MATERIALS	Ceramic and vitrified tiles	Surface quality	IS 13630 (Part 1)
401	MECHANICAL- BUILDINGS MATERIALS	Ceramic and vitrified tiles	Thickness	IS 13630 (Part 1)
402	MECHANICAL- BUILDINGS MATERIALS	Ceramic and vitrified tiles	Water Absorption	IS 13630 (Part 2)
403	MECHANICAL- BUILDINGS MATERIALS	Ceramic and vitrified tiles	Chemical Resistance Test	IS 13630 (Part 7)
404	MECHANICAL- BUILDINGS MATERIALS	Ceramic and vitrified tiles	Water Absorption	ISO 10545 (P-3)
405	MECHANICAL- BUILDINGS MATERIALS	Chequered Tiles	Dimension	IS 13801
406	MECHANICAL- BUILDINGS MATERIALS	Chequered Tiles	Flatness	IS 13801
407	MECHANICAL- BUILDINGS MATERIALS	Chequered Tiles	Perpendicularity	IS 13801
408	MECHANICAL- BUILDINGS MATERIALS	Chequered Tiles	Resistance to wear	IS 13801
409	MECHANICAL- BUILDINGS MATERIALS	Chequered Tiles	Straightness	IS 13801
410	MECHANICAL- BUILDINGS MATERIALS	Chequered Tiles	Water Absorption	IS 13801
411	MECHANICAL- BUILDINGS MATERIALS	Coarse Aggregate	Abrasion Value (Los Angeles)	IS 2386 (Part 4)
412	MECHANICAL- BUILDINGS MATERIALS	Coarse Aggregate	Finer than 75 micron	IS 2386 (Part 1)
413	MECHANICAL- BUILDINGS MATERIALS	Coarse Aggregates	10% Fine Value	IS 2386 (Part 4)
414	MECHANICAL- BUILDINGS MATERIALS	Coarse Aggregates	Bulk Density	Is 2386 (Part 3)
415	MECHANICAL- BUILDINGS MATERIALS	Coarse Aggregates	Crushing value	IS 2386 (Part 4)
416	MECHANICAL- BUILDINGS MATERIALS	Coarse Aggregates	Deleterious Material	IS 2386 (Part 2)

SCOPE OF ACCREDITATION

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

Accreditation Standard ISO/IEC 17025:2017

Certificate Number TC-8163 **Page No** 22 of 29

Validity 17/10/2021 to 16/10/2023 **Last Amended on** 24/08/2022

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
417	MECHANICAL- BUILDINGS MATERIALS	Coarse Aggregates	Elongation Index	IS 2386 (Part 1)
418	MECHANICAL- BUILDINGS MATERIALS	Coarse Aggregates	Flakiness Index	IS 2386 (Part 1)
419	MECHANICAL- BUILDINGS MATERIALS	Coarse Aggregates	Impact Value	IS 2386 (Part 4)
420	MECHANICAL- BUILDINGS MATERIALS	Coarse Aggregates	Sieve Analysis	IS 2386 (Part 1)
421	MECHANICAL- BUILDINGS MATERIALS	Coarse Aggregates	Soundness	IS 2386 (Part 5)
422	MECHANICAL- BUILDINGS MATERIALS	Coarse Aggregates	Specific Gravity	IS 2386 (Part 3)
423	MECHANICAL- BUILDINGS MATERIALS	Coarse Aggregates	Water Absorption	IS 2386 (Part 3)
424	MECHANICAL- BUILDINGS MATERIALS	Concrete	Density	IS 516 (Part 2/Sec 1)
425	MECHANICAL- BUILDINGS MATERIALS	Concrete	Initial Surface Absorption Test	BS 1881 (Part 208)
426	MECHANICAL- BUILDINGS MATERIALS	Concrete	Initial Surface Absorption Test	IS 516 (Part 2/sec 2)
427	MECHANICAL- BUILDINGS MATERIALS	Concrete	Compressive Strength	IS 516
428	MECHANICAL- BUILDINGS MATERIALS	Concrete	Drying Shrinkage	IS 516 (Part 6)
429	MECHANICAL- BUILDINGS MATERIALS	Concrete	Flexural Strength	IS 516
430	MECHANICAL- BUILDINGS MATERIALS	Concrete	Modulus of Elasticity	ASTM C469/C469M
431	MECHANICAL- BUILDINGS MATERIALS	Concrete	Moisture Movement	IS 516 (Part 6)
432	MECHANICAL- BUILDINGS MATERIALS	Concrete	Rapid Chloride Permeability Test	ASTM C 1202
433	MECHANICAL- BUILDINGS MATERIALS	Concrete	Split Tensile Strength	IS 5816
434	MECHANICAL- BUILDINGS MATERIALS	Concrete	Water Absorption	BS 1881 (Part -122)
435	MECHANICAL- BUILDINGS MATERIALS	Concrete	Water Permeability	BS EN 12390-8

SCOPE OF ACCREDITATION

Laboratory Name :	SPECTRO SSA LABS PRIVATE LIMITED, R-489, T.T.C. INDUSTRIAL AREA, MIDC, RABALE, NAVI MUMBAI, MAHARASHTRA, INDIA		
Accreditation Standard	ISO/IEC 17025:2017		
Certificate Number	TC-8163	**Page No**	23 of 29
Validity	17/10/2021 to 16/10/2023	**Last Amended on**	24/08/2022

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
436	MECHANICAL- BUILDINGS MATERIALS	Concrete	Water Permeability	IS 516 part 2
437	MECHANICAL- BUILDINGS MATERIALS	Concrete core	Compressive strength	IS 516 part 4
438	MECHANICAL- BUILDINGS MATERIALS	Fine aggregates	Organic Impurities	IS 2386 (Part 2)
439	MECHANICAL- BUILDINGS MATERIALS	Fine Aggregates	Water Absorption	IS 2386 (Part 3)
440	MECHANICAL- BUILDINGS MATERIALS	Fine aggregates	Bulk density	IS 2386 (P-3)
441	MECHANICAL- BUILDINGS MATERIALS	Fine Aggregates	Sieve Analysis	IS 2386 (P-1)
442	MECHANICAL- BUILDINGS MATERIALS	Fine aggregates	Soundness	IS 2386 (P-5)
443	MECHANICAL- BUILDINGS MATERIALS	Fine Aggregates	Specific Gravity	IS 2386 (Part 3)
444	MECHANICAL- BUILDINGS MATERIALS	Fine aggregates	Water Absorption	IS 2386 (P-3)
445	MECHANICAL- BUILDINGS MATERIALS	Flush Door	Squareness	IS 4020 Part 2
446	MECHANICAL- BUILDINGS MATERIALS	Fly ash	Autoclave Expansion	ASTM C151/C151M
447	MECHANICAL- BUILDINGS MATERIALS	Fly ash	Particle retained on 45 micron IS: Sieve (wet sieving)	ASTM C 430
448	MECHANICAL- BUILDINGS MATERIALS	Fly ash	Strength activity index At 7 & 28 Days	ASTM C 109/109M
449	MECHANICAL- BUILDINGS MATERIALS	Fly ash	Strength activity index At 7 & 28 Days	ASTM C 311/C311M
450	MECHANICAL- BUILDINGS MATERIALS	Fly ash	Compressive Strength at 28 days	IS 1727
451	MECHANICAL- BUILDINGS MATERIALS	Fly ash	Fineness (Specific Surface) Blaine's	IS 1727
452	MECHANICAL- BUILDINGS MATERIALS	Fly ash	Lime reactivity	IS 1727
453	MECHANICAL- BUILDINGS MATERIALS	Fly ash	Particle retained on 45 micron IS: Sieve (wet sieving)	IS 1727
454	MECHANICAL- BUILDINGS MATERIALS	Fly ash	Soundness by (Autoclave Expansion)	IS 1727

SCOPE OF ACCREDITATION

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

Accreditation Standard ISO/IEC 17025:2017

Certificate Number TC-8163 **Page No** 24 of 29

Validity 17/10/2021 to 16/10/2023 **Last Amended on** 24/08/2022

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
455	MECHANICAL- BUILDINGS MATERIALS	Fly Ash	Water Requirement	ASTM C311/C311M
456	MECHANICAL- BUILDINGS MATERIALS	Fly ash, Alcofine	Specific Gravity	IS 1727
457	MECHANICAL- BUILDINGS MATERIALS	Granulated Slag	Compressive Strength	IS 4031 (Part 6)
458	MECHANICAL- BUILDINGS MATERIALS	Granulated Slag	Density	IS 4031 (Part 11)
459	MECHANICAL- BUILDINGS MATERIALS	Granulated Slag	Fineness Blaine	IS 4031 (Part 2)
460	MECHANICAL- BUILDINGS MATERIALS	Granulated Slag	Slag Activity Index (7 Days & 28 Days)	IS 16714
461	MECHANICAL- BUILDINGS MATERIALS	Granulated Slag	Specific gravity	IS 1727
462	MECHANICAL- BUILDINGS MATERIALS	GSB,WMM	Sieve Analysis (75 mm to .075 mm)	Morth (Fifth Revision)
463	MECHANICAL- BUILDINGS MATERIALS	GSB,WMM, Reclamation material	Impact Value	IS-2386 (Part -4)
464	MECHANICAL- BUILDINGS MATERIALS	GSB,WMM, Reclamation material	Water absorption	IS-2386 (Part -3)
465	MECHANICAL- BUILDINGS MATERIALS	Hollow & Solid Concrete Blocks	Block Density	IS 2185 (Part 1) (Annex C)
466	MECHANICAL- BUILDINGS MATERIALS	Hollow & Solid Concrete Blocks	Compressive Strength	IS 2185 (Part 1) (Annex D)
467	MECHANICAL- BUILDINGS MATERIALS	Hollow & Solid Concrete Blocks	Dimension	IS 2185 (Part 1) (Annex B)
468	MECHANICAL- BUILDINGS MATERIALS	Hollow & Solid Concrete Blocks	Drying Shrinkage	IS 2185 (Part 1) (Annex F)
469	MECHANICAL- BUILDINGS MATERIALS	Hollow & Solid Concrete Blocks	Moisture Movement	IS 2185 (Part 1) (Annex G)
470	MECHANICAL- BUILDINGS MATERIALS	Hollow & Solid Concrete Blocks	Water Absorption	IS 2185 (Part 1) (Annex E)
471	MECHANICAL- BUILDINGS MATERIALS	Micro Silica	Compressive strength at 7 days	IS 1727
472	MECHANICAL- BUILDINGS MATERIALS	Micro Silica	Particle retained on 45 micron IS: Sieve (wet sieving)	IS 1727
473	MECHANICAL- BUILDINGS MATERIALS	Micro Silica	Specific Gravity	IS 1727

SCOPE OF ACCREDITATION

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

Accreditation Standard ISO/IEC 17025:2017

Certificate Number TC-8163 **Page No** 25 of 29

Validity 17/10/2021 to 16/10/2023 **Last Amended on** 24/08/2022

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
474	MECHANICAL- BUILDINGS MATERIALS	Microsilica	Accelerated Pozzolanic Strength Activity Index With Portland Cement At 7 Days	ASTM C 311/C311M
475	MECHANICAL- BUILDINGS MATERIALS	Microsilica	Bulk Density	ASTM C 1240
476	MECHANICAL- BUILDINGS MATERIALS	Microsilica	Particle retained on 45 micron IS: Sieve (wet sieving)	ASTM C 430
477	MECHANICAL- BUILDINGS MATERIALS	Microsilica	Accelerated Pozzolanic Strength Activity Index With Portland Cement At 7 Days	ASTM C 109/109M
478	MECHANICAL- BUILDINGS MATERIALS	Mortar	Compressive Strength	IS 4031 Part 6
479	MECHANICAL- BUILDINGS MATERIALS	Paver Block	Abrasion Resistance	IS 15658 (Annex E)
480	MECHANICAL- BUILDINGS MATERIALS	Paver Block	Compressive Strength	IS 15658 (Annex D)
481	MECHANICAL- BUILDINGS MATERIALS	Paver Block	Dimension	IS 15658 (Annex B)
482	MECHANICAL- BUILDINGS MATERIALS	Paver Block	Water Absorption	IS 15658 (Annex C)
483	MECHANICAL- BUILDINGS MATERIALS	Reclamation material	Soundness	IS-2386 (Part -5)
484	MECHANICAL- BUILDINGS MATERIALS	Timber	Moisture Content	IS 1708 Part 1
485	MECHANICAL- BUILDINGS MATERIALS	Timber	Specific gravity	IS 1708 Part 2
486	MECHANICAL- BUILDINGS MATERIALS	WMM	Abrasion value	IS-2386 (Part -4)
487	MECHANICAL- BUILDINGS MATERIALS	WMM	Flakiness & Elongation index	IS-2386 (Part -1)
488	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Metals (Ferrous & Non Ferrous)	Mass per unit length	IS 4923
489	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Metals (Ferrous & Non Ferrous)	Bend Test	IS 1599
490	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Metals (Ferrous & Non Ferrous)	Dimension-Length	IS 4923

SCOPE OF ACCREDITATION

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

Accreditation Standard ISO/IEC 17025:2017

Certificate Number TC-8163 **Page No** 26 of 29

Validity 17/10/2021 to 16/10/2023 **Last Amended on** 24/08/2022

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
491	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Metals (Ferrous & Non Ferrous)	Dimension-Thickness	IS 4923
492	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Metals (Ferrous & Non Ferrous)	Dimension-Width	IS 4923
493	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Metals (Ferrous & Non Ferrous)	Elongation at break	IS 1608 (part 1)
494	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Metals (Ferrous & Non Ferrous)	Proof Stress (0.2% Offset)	IS 1608 Part 1
495	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Metals (Ferrous & Non Ferrous)	Reduction of Area	IS 1608 Part 1
496	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Metals (Ferrous & Non Ferrous)	Rockwell Hardness Number B Scale	IS 1586 (Part 1)
497	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Metals (Ferrous & Non Ferrous)	Tensile Strength	IS 1608 (P-1)
498	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Metals (Ferrous & Non Ferrous)	Yield Stress	IS 1608 (Part 1)
499	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Metals (Ferrous & Reinforcement Steel bars)	Mass/Meter Run	IS 1786
500	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Metals (Ferrous & Reinforcement Steel bars)	Re-Bend Test	IS 1786
501	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Metals (Ferrous)	Rockwell Hardness Number C Scale	IS 1586 (Part 1)
502	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Seven Ply Strand for pre-stressed Concrete (H.T.S. Wire)	0.2% Proof Load	IS 14268
503	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Seven Ply Strand for pre-stressed Concrete (H.T.S. Wire)	Elongation	IS 14268
504	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Seven Ply Strand for pre-stressed Concrete (H.T.S. Wire)	Lay Length	IS 14268

SCOPE OF ACCREDITATION

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

Accreditation Standard ISO/IEC 17025:2017

Certificate Number TC-8163 **Page No** 27 of 29

Validity 17/10/2021 to 16/10/2023 **Last Amended on** 24/08/2022

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
505	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Seven Ply Strand for pre-stressed Concrete (H.T.S. Wire)	Modulus of Elasticity	IS 14268
506	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Seven Ply Strand for pre-stressed Concrete (H.T.S. Wire)	Nominal Area of Strand	IS 14268
507	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Seven Ply Strand for pre-stressed Concrete (H.T.S. Wire)	Nominal Diameter of Strand	IS 14268
508	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Seven Ply Strand for pre-stressed Concrete (H.T.S. Wire)	Nominal Mass of Strand	IS 14268
509	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Seven Ply Strand for pre-stressed Concrete (H.T.S. Wire)	Breaking Load	IS 14268
510	MECHANICAL- SOIL AND ROCK	GSB,WMM, Reclamation material	Atterberg's Plastic Limit	IS-2720 (Part -5)
511	MECHANICAL- SOIL AND ROCK	Building Stone(Granite)	Compressive Strength	IS 1121 Part 1
512	MECHANICAL- SOIL AND ROCK	Building Stone(Granite, Marble)	Apparent Porosity	IS 1124
513	MECHANICAL- SOIL AND ROCK	Building Stone(Granite, Marble)	Apparent Specifific Gravity	IS 1124
514	MECHANICAL- SOIL AND ROCK	Building Stone(Granite, Marble)	Hardness (Mohs)	IS 13630 Part 13
515	MECHANICAL- SOIL AND ROCK	Building Stone(Granite, Marble)	True Porosity	IS 1124
516	MECHANICAL- SOIL AND ROCK	Building Stone(Granite, Marble)	True Specific Gravity	IS 1122
517	MECHANICAL- SOIL AND ROCK	Building Stone(Granite, Marble)	Water Absorption	IS 1124
518	MECHANICAL- SOIL AND ROCK	GSB,WMM, Reclamation material	Atterberg's Liquid Limit	IS-2720 (Part -5)
519	MECHANICAL- SOIL AND ROCK	GSB,WMM, Reclamation material	California Bearing Ratio Test	IS-2720 (Part -16)
520	MECHANICAL- SOIL AND ROCK	GSB,WMM, Reclamation material	Maximum Dry Density.	IS-2720 (Part -8)
521	MECHANICAL- SOIL AND ROCK	GSB,WMM, Reclamation material	Optimum moisture Content	IS-2720 (Part -8)

SCOPE OF ACCREDITATION

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

Accreditation Standard ISO/IEC 17025:2017

Certificate Number TC-8163 **Page No** 28 of 29

Validity 17/10/2021 to 16/10/2023 **Last Amended on** 24/08/2022

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
522	MECHANICAL- SOIL AND ROCK	Reclamation material	Free swelling Index	IS-2720 (Part -40)
523	MECHANICAL- SOIL AND ROCK	Reclamation material	Sieve Analysis (100 mm to .075 mm)	IS-2720 (Part -4)
524	MECHANICAL- SOIL AND ROCK	Soil	Atterberg's Liquid Limit	IS 2720 (Part 5)
525	MECHANICAL- SOIL AND ROCK	Soil	Atterberg's Plastic Limit	IS 2720 (Part 5)
526	MECHANICAL- SOIL AND ROCK	Soil	CBR Test	IS 2720 (Part 16)
527	MECHANICAL- SOIL AND ROCK	Soil	Free Swelling Index	IS 2720 (Part 40)
528	MECHANICAL- SOIL AND ROCK	Soil	Grain Size Analysis by Dry Sieving (Above 4.75 mm)	IS 2720 (Part 4)
529	MECHANICAL- SOIL AND ROCK	Soil	Grain Size Analysis by Wet Sieving (4.75 - 75 micron)	IS 2720 (Part 4)
530	MECHANICAL- SOIL AND ROCK	Soil	Proctor Test (Heavy Compaction) - (Maximum Dry Density)	IS 2720 (Part 8)
531	MECHANICAL- SOIL AND ROCK	Soil	Proctor Test (Heavy Compaction) - (Optimum moisture Content)	IS 2720 (Part 8)
532	MECHANICAL- SOIL AND ROCK	Soil	Proctor Test (Light Compaction) - (Maximum Dry Density)	IS 2720 (Part 7)
533	MECHANICAL- SOIL AND ROCK	Soil	Proctor Test (Light Compaction) - (Optimum moisture Content)	IS 2720 (Part 7)
534	NON-DESTRUCTIVE-BUILDING MATERIALS - REINFORCED CONCRETE STRUCTURES	Concrete	Crack Depth Measurement	IS 516 Part 5 Sec 1
535	NON-DESTRUCTIVE-BUILDING MATERIALS - REINFORCED CONCRETE STRUCTURES	Concrete	Ultrasonic Pulse Velocity Tests	IS 516 Part 5 Sec 1

SCOPE OF ACCREDITATION

Laboratory Name :	SPECTRO SSA LABS PRIVATE LIMITED, R-489, T.T.C. INDUSTRIAL AREA, MIDC, RABALE, NAVI MUMBAI, MAHARASHTRA, INDIA		
Accreditation Standard	ISO/IEC 17025:2017		
Certificate Number	TC-8163	**Page No**	29 of 29
Validity	17/10/2021 to 16/10/2023	**Last Amended on**	24/08/2022

S.No	Discipline / Group	Materials or Products tested	Component, parameter or characteristic tested / Specific Test Performed / Tests or type of tests performed	Test Method Specification against which tests are performed and / or the techniques / equipment used
Site Facility				
1	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	ASTM D5882
3	NON-DESTRUCTIVE-BUILDING MATERIALS - REINFORCED CONCRETE STRUCTURES	Concrete	Pile Integrity Test	IS 14893
4	NON-DESTRUCTIVE-BUILDING MATERIALS - REINFORCED CONCRETE STRUCTURES	Concrete	Rebound Hammer Test	IS 13311 (Part 2)
5	NON-DESTRUCTIVE-BUILDING MATERIALS - REINFORCED CONCRETE STRUCTURES	Concrete	Rebound Hammer Test	IS 516 (P-5/S-4)
6	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.