National Accreditation Board for Testing and Calibration Laboratories

SCOPE OF ACCREDITATION

Laboratory Name :	CADD SOLUTIONS TECHNOLOGIES PRIVATE LIMITED, PURVARJUN, DOOR NO : 952/2,2ND MAIN, MYSORE, KARNATAKA, INDIA		
Accreditation Standard	ISO/IEC 17025:2017		
Certificate Number	TC-8320	**Page No**	1 of 11
Validity	31/05/2021 to 30/05/2023	**Last Amended on**	-

S.No	Discipline / Group	Materials or Products tested	Component, parameter or characteristic tested / Specific Test Performed / Tests or type of tests performed	Test Method Specification against which tests are performed and / or the techniques / equipment used
Permanent Facility				
1	CHEMICAL- ATMOSPHERIC POLLUTION	Ambient Air	Ammonia as NH3	IS 5182(Part-25)
2	CHEMICAL- ATMOSPHERIC POLLUTION	Ambient Air	Oxides of Nitrogen	IS 5182 (Part 6)
3	CHEMICAL- ATMOSPHERIC POLLUTION	Ambient Air	Ozone as O3	CSTPL/SOP/02
4	CHEMICAL- ATMOSPHERIC POLLUTION	Ambient Air	Particulate matter (PM10)	IS 5182(part 23)
5	CHEMICAL- ATMOSPHERIC POLLUTION	Ambient Air	Particulate matter (PM2.5)	IS: 5182 (Part - 24)
6	CHEMICAL- ATMOSPHERIC POLLUTION	Ambient Air	Sulphur Dioxide	IS 5182 (Part - 2)
7	CHEMICAL- ATMOSPHERIC POLLUTION	Indoor Air Quality	Ammonia as NH3	CSTPL/SOP/04
8	CHEMICAL- ATMOSPHERIC POLLUTION	Indoor Air Quality	Dew Point	CSTPL / SOP / 12
9	CHEMICAL- ATMOSPHERIC POLLUTION	Indoor Air Quality	Humidity	CSTPL / SOP / 11
10	CHEMICAL- ATMOSPHERIC POLLUTION	Indoor Air Quality	Nitrogen Dioxide as NO2	CSTPL / SOP / 06
11	CHEMICAL- ATMOSPHERIC POLLUTION	Indoor Air Quality	Ozone as O3	CSTPL / SOP / 07
12	CHEMICAL- ATMOSPHERIC POLLUTION	Indoor Air Quality	Sulphur Dioxide as SO2	CSTPL / SOP / 09
13	CHEMICAL- ATMOSPHERIC POLLUTION	Indoor Air Quality	Temprature	CSTPL / SOP / 13
14	CHEMICAL- ATMOSPHERIC POLLUTION	Indoor Air Quality	Volatile Organic Compound as VOC	CSTPI / SOP / 10
15	CHEMICAL- ATMOSPHERIC POLLUTION	Indoor ambient	Particulate matter (Particle size less than 2.5 microns)	CSTPL / SOP : 01
16	CHEMICAL- ATMOSPHERIC POLLUTION	Light Illumination	Illumination Light intensity	CSTPL/SOP/03
17	CHEMICAL- ATMOSPHERIC POLLUTION	Noise Level	Sound Pressure Level	IS 9989
18	CHEMICAL- ATMOSPHERIC POLLUTION	Stack Emission	Carbon Dioxide as CO2	IS 13270

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19	CHEMICAL- ATMOSPHERIC POLLUTION	Stack Emission	Oxygen as O2	IS 13270
20	CHEMICAL- ATMOSPHERIC POLLUTION	Stack Emission Test	Oxides of Nitrogen as NOx	IS 11255 (Part -7)
21	CHEMICAL- ATMOSPHERIC POLLUTION	Stack Emission test	particulate Matter (PM	IS: 11255 (Part - 1)
22	CHEMICAL- ATMOSPHERIC POLLUTION	stack Emission test	Sulphur Dioxide	IS 11255 (Part 2)
23	CHEMICAL- ATMOSPHERIC POLLUTION	Stack Emission Test	Velocity	IS 11255(part 3)
24	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water	Ammonical Nitrogen	IS: 3025 (Part - 34)
25	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water	Biochemical Oxygen Demand (3days)	IS 3025 (Part 44)
26	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water	Chemical Oxygen Demand	APHA 23rd Edition 5220 B
27	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water	Chloride	APHA 23rd Edition 4500 Cl,B
28	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water	Colour	APHA 23rd Edition 2120 B
29	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water	Electrical conductivity @ 25 °C	APHA 23rd edittion 2510B
30	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water	oil & Grease	APHA 23rd Edition 5520 D
31	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water	pH	APHA 23rd Edition 4500 H+, B
32	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water	Residual Chlorine	APHA 23rd Edition 4500 Cl,B
33	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water	Sodium Absorption Ratio	IS: 11624
34	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water	Sulphate as SO4	APHA 23rd Edition 4500 - SO4 , E
35	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water	Temperature	APHA 23rd Edition 2550 B
36	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water	Total Dissolved Solids	APHA 23rd Edition 2540 C
37	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water	Total Suspended Solids	APHA 23rd Edition 2540 D

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38	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water	Turbidity	APHA 23rd Edition 2130 B
39	CHEMICAL- WATER	Borewell Water	% Sodium	IS: 11624
40	CHEMICAL- WATER	Borewell Water	Ammonical Nitrogen NH3 - N	APHA 23rd Edition 4500 NH3 , B, C
41	CHEMICAL- WATER	Borewell water	Bicarbonate as HCO3	APHA 23rd Edition 2320, B
42	CHEMICAL- WATER	Borewell Water	Boron as B	APHA 23rd edition 4500- B, B
43	CHEMICAL- WATER	Borewell water	Calcium as Ca	APHA 23rd Edition 3500, Ca, B
44	CHEMICAL- WATER	Borewell Water	Chloride as Cl	APHA 23rd Edition 4500- Cl, B
45	CHEMICAL- WATER	Borewell Water	Chlorine Residual	APHA 23rd Edition 4500- Cl, B
46	CHEMICAL- WATER	Borewell Water	Chromium Hexavalent as Cr+6	APHA 23rd Edition 3500- Cr, B
47	CHEMICAL- WATER	Borewell Water	Colour	APHA 23rd Edition 2120, B
48	CHEMICAL- WATER	Borewell Water	Conductivity @ 25 °C	APHA 23rd Edition 2510B
49	CHEMICAL- WATER	Borewell Water	Dissolved Oxygen	APHA 23rd Edition 4500 - O, C
50	CHEMICAL- WATER	Borewell Water	Fixed Dissolved Solids	APHA 23rd Edition 2540
51	CHEMICAL- WATER	Borewell Water	Fluoride as F	APHA 23rd Edition 4500 - F , B, D
52	CHEMICAL- WATER	Borewell Water	Iron as Fe	APHA 23rd Edition 3500 - Fe, B
53	CHEMICAL- WATER	Borewell water	Magnesium as Mg	APHA 23rd Edition 3500- Mg, B
54	CHEMICAL- WATER	Borewell water	Nitrate as NO3 - N	APHA 23rd Edition 4500 – NO3, E
55	CHEMICAL- WATER	Borewell water	Nitrite Nitrogen as NO2 – N	APHA 23rd Edition 4500 - NO2, B
56	CHEMICAL- WATER	Borewell water	Oil & Grease	APHA 23rd Edition 5520, D
57	CHEMICAL- WATER	Borewell Water	pH @ 25 °C	APHA 23rd Edition 4500 H+ , B
58	CHEMICAL- WATER	Borewell Water	Phosphorous	APAH 23rd Edition 4500 - P , D
59	CHEMICAL- WATER	Borewell water	Residual Sodium carbonate	IS: 11624
60	CHEMICAL- WATER	Borewell Water	Sodium absorption ratio	IS: 11624
61	CHEMICAL- WATER	Borewell water	Sulphate as SO4	APHA 23rd Edition 4500, SO4 , E
62	CHEMICAL- WATER	Borewell Water	Sulphide	IS: 3025 (Part - 29)
63	CHEMICAL- WATER	Borewell water	Temperature	APHA 23rd Edition 2550, B
64	CHEMICAL- WATER	Borewell Water	Total Acidity as CaCO3	APHA 23rd Edition 2310, B

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65	CHEMICAL- WATER	Borewell Water	Total Alkalinity as CaCO3	APHA 23rd Edition 2320, B
66	CHEMICAL- WATER	Borewell Water	Total Dissolved Solids	APHA 23rd Edition 2540, C
67	CHEMICAL- WATER	Borewell Water	Total Hardness as CaCO3	APHA 23rd Edition 2340, C
68	CHEMICAL- WATER	Borewell Water	Total Solids	APHA 23rd Edition 2540, B
69	CHEMICAL- WATER	Borewell Water	Total Suspended Solids	APHA 23rd Edition 2540, D
70	CHEMICAL- WATER	Borewell Water	Turbidity	APHA 23rd Edition 2130, B
71	CHEMICAL- WATER	Borewell Water	Volatile Solids	APHA 23rd Edition 2540
72	CHEMICAL- WATER	Construction Water	Chloride	IS: 3025 (Part - 32)
73	CHEMICAL- WATER	Distilled Water	Colour retention of KMnO4, at 27 x 20C Minutes	IS: 1070 Annex A
74	CHEMICAL- WATER	Distilled Water	Conductivity @ 25 °C	APHA 23rd Edition 2510, B
75	CHEMICAL- WATER	Distilled Water	pH @ 25 °C	APHA 23rd Edition 4500 H+, B
76	CHEMICAL- WATER	Distilled Water	Total Dissolved Solids	APHA 23rd Edition 2540, C
77	CHEMICAL- WATER	Distilled Water	Total Solids	APHA 23rd Edition 2540, B
78	CHEMICAL- WATER	Distilled Water	Total Suspended Solids	APHA 23rd Edition 2540, D
79	CHEMICAL- WATER	Drinking Water	Acidity	APHA 23rd edition 2310 B
80	CHEMICAL- WATER	Drinking Water	Ammonical Nitrogen as NH3- N	APHA 23rd Edition 4500 - NH3 , B, C
81	CHEMICAL- WATER	Drinking Water	Bicarbonate as HCO3	APHA 23rd Edition 2320 B
82	CHEMICAL- WATER	Drinking Water	Boron	APHA 23RD EDITION- 4500-B,B
83	CHEMICAL- WATER	Drinking water	Calcium	APHA 23RD EDITION 3500 Ca, B
84	CHEMICAL- WATER	Drinking Water	Carbonates as CO3	APHA 23rd Edition 2320B
85	CHEMICAL- WATER	Drinking Water	Chloride	APHA 23RD EDITION 4500-Cl, B
86	CHEMICAL- WATER	Drinking Water	Chromium Hexavalent as Cr+6	APHA 23rd Edition 3500-Cr, B
87	CHEMICAL- WATER	Drinking Water	Colour	APHA 23rd Edition 2120 B
88	CHEMICAL- WATER	Drinking Water	Conductivity @ 25 °C	APHA 23rd Edition 2510B
89	CHEMICAL- WATER	Drinking Water	Dissolved oxygen	APHA 23rd Edition 4500-0, C
90	CHEMICAL- WATER	Drinking Water	Fixed Dissolved Solids	APHA 23rd Edition 2540
91	CHEMICAL- WATER	Drinking Water	Fluoride	APHA 23rd Edition 4500 F,B,D
92	CHEMICAL- WATER	Drinking Water	Iron	APHA 23rd Edition - 3500-Fe, B
93	CHEMICAL- WATER	Drinking Water	Magnesium	APHA 23rd Edition 3500-Mg, B

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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
94	CHEMICAL- WATER	Drinking Water	Nitrate Nitrogen	APHA 23rd Edition - 4500 NO3, E
95	CHEMICAL- WATER	Drinking Water	Nitrite Nitrogen	APHA 23RD EDITION- 4500-NO2, B
96	CHEMICAL- WATER	Drinking water	Oil & Grease	APHA 23rd Edition 5520 D
97	CHEMICAL- WATER	Drinking Water	Percentage of Sodium	IS: 11624
98	CHEMICAL- WATER	Drinking Water	pH	APHA 23rd Edition 4500 H+, B
99	CHEMICAL- WATER	Drinking Water	Phosphorous	APHA 23rd Edition 4500 - P
100	CHEMICAL- WATER	Drinking Water	Potassium as K	APHA 23nd Edition-2017 3500-K,B
101	CHEMICAL- WATER	Drinking Water	Residual Free Chlorine	APHA 23rd Edition 4500 Cl, B
102	CHEMICAL- WATER	Drinking Water	Residual Sodium Carbonate	IS: 11624
103	CHEMICAL- WATER	Drinking Water	Sodium Absorption Ratio	IS: 11624
104	CHEMICAL- WATER	Drinking Water	Sodium as Na	APHA 23nd Edition-2017 3500-Na,B
105	CHEMICAL- WATER	Drinking Water	Sulphate	APHA 23rd Edition 4500-SO4, E:
106	CHEMICAL- WATER	Drinking Water	Sulphide	IS: 3025 (Part - 29)
107	CHEMICAL- WATER	Drinking Water	Temperature	APHA 23rd Edition 2550B
108	CHEMICAL- WATER	Drinking Water	Total Alkalinity	APHA 23rd edition- 2320 B
109	CHEMICAL- WATER	Drinking Water	Total Dissolved Solids	APHA 23rd Edition 2540 C
110	CHEMICAL- WATER	Drinking Water	Total Hardness	APHA 23rd Edition 2340 C
111	CHEMICAL- WATER	Drinking Water	Total Solids	APHA 23rd Edition 2540 B
112	CHEMICAL- WATER	Drinking Water	Total Suspended Solids	APHA 23rd Edition 2540 D
113	CHEMICAL- WATER	Drinking Water	Turbidity	APHA 23rd Edition 2130 B
114	CHEMICAL- WATER	Drinking Water	Volatile Solids	APHA 23rd Edition 2540
115	CHEMICAL- WATER	Ground Water	Acidity as CaCO3	APHA 23rd Edition 2310 B
116	CHEMICAL- WATER	Ground Water	Ammonical Nitrogen NH3 as N	APHA 23rd Edition 4500-NH3, B, C
117	CHEMICAL- WATER	Ground Water	Bicarbonate as HCO3	APHA 23rd Edition 2320, B
118	CHEMICAL- WATER	Ground Water	Boron as B	APHA 23rd Edition 4500, B
119	CHEMICAL- WATER	Ground Water	Calcium as Ca	APHA 23rd Edition 3500 Ca, B
120	CHEMICAL- WATER	Ground Water	Carbonate as CO3	APHA 23rd Edition 2320 B

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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
121	CHEMICAL- WATER	Ground Water	Chloride as Cl	APHA 23rd Edition 4500-Cl,
122	CHEMICAL- WATER	Ground Water	Chlorine Residual	APHA 23rd Edition 4500-Cl, B
123	CHEMICAL- WATER	Ground Water	Chromium Hexavalent as Cr+6	APHA 23rd Edition 3500, Cr
124	CHEMICAL- WATER	Ground Water	Colour	APHA 23rd Edition 2120 B
125	CHEMICAL- WATER	Ground Water	Conductivity @ 25 °C	APHA 23rd Edition 2510B
126	CHEMICAL- WATER	Ground Water	Dissolved Oxygen	APHA 23rd edition 4500-O,
127	CHEMICAL- WATER	Ground Water	Fixed Dissolved Solids	APHA 23rd Edition 2540
128	CHEMICAL- WATER	Ground Water	Fluoride as F	APHA 23rd Edition 4500, F
129	CHEMICAL- WATER	Ground Water	Iron as Fe	APHA 23rd Edition 3500, Fe , B
130	CHEMICAL- WATER	Ground Water	Magnesium as Mg	APHA 23rd Edition 3500-Mg, B
131	CHEMICAL- WATER	Ground Water	Nitrate as NO3 - N	APHA 23rd Edition 4500-NO3, E
132	CHEMICAL- WATER	Ground Water	Nitrite Nitrogen as NO2	APHA 23rd Edition 4500, NO2 B
133	CHEMICAL- WATER	Ground Water	Oil & Grease	APHA 23rd Edition 5520, D
134	CHEMICAL- WATER	Ground Water	Percentage of Sodium	IS: 11624
135	CHEMICAL- WATER	Ground water	pH @ 25 °C	APHA 23rd Edition 4500 H+ , B
136	CHEMICAL- WATER	Ground Water	Phosphorous	APHA 23rd Edition 4500-P, D
137	CHEMICAL- WATER	Ground Water	Residual Sodium Carbonate	IS: 11624
138	CHEMICAL- WATER	ground Water	Sodium Absorption Ratio	IS: 11624
139	CHEMICAL- WATER	Ground Water	Sulphate as SO4	APHA 23rd Edition 4500, SO4, E
140	CHEMICAL- WATER	Ground Water	Sulphide	IS: 3025 (Part - 29)
141	CHEMICAL- WATER	Ground Water	Temperature	APHA 23rd Edition 2550, B
142	CHEMICAL- WATER	Ground Water	Total Alkalinity as CaCO3	APHA 23rd Edition 2320 B
143	CHEMICAL- WATER	Ground Water	Total Dissolved Solids	APHA 23rd Edition 2540 C
144	CHEMICAL- WATER	Ground Water	Total Hardness as CaCO3	APHA 23rd Edition 2340, C
145	CHEMICAL- WATER	Ground Water	Total Solids	APHA 23rd edition 2540 B
146	CHEMICAL- WATER	Ground Water	Total Suspended Solids	APHA 23rd Edition 2540, D
147	CHEMICAL- WATER	Ground Water	Turbidity	APHA 23rd Edition 2130 B
148	CHEMICAL- WATER	Ground Water	Volatile Solids	APHA 23rd Edition 2540
149	CHEMICAL- WATER	Irrigation Water	Acidity as CaCO3	IS: 3025 (Part - 22)
150	CHEMICAL- WATER	Irrigation Water	Calcium as Ca	IS: 3025 (Part - 40)

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151	CHEMICAL- WATER	Irrigation Water	Chloride as Cl	IS: 3025 (Part - 32)
152	CHEMICAL- WATER	Irrigation Water	Colour	IS: 3025 (Part - 4)
153	CHEMICAL- WATER	Irrigation Water	Conductivity @ 25 °C	IS: 3025 (Part - 14)
154	CHEMICAL- WATER	Irrigation Water	Magnesium as Mg	IS: 3025 (Part - 46)
155	CHEMICAL- WATER	Irrigation Water	pH @ 25 °C	IS: 3025 (Part - 11)
156	CHEMICAL- WATER	Irrigation Water	Potassium as K	IS: 3025 (Part - 45)
157	CHEMICAL- WATER	Irrigation Water	Sodium as Na	IS: 3025 (Part - 45)
158	CHEMICAL- WATER	Irrigation Water	Total Alkalinity as CaCO3	IS: 3025 (Part - 23)
159	CHEMICAL- WATER	Irrigation Water	Total Hardness as CaCO3	IS : 3025 (Part - 21)
160	CHEMICAL- WATER	Irrigation Water	Total Suspended Solids	IS: 3025 (Part - 17)
161	CHEMICAL- WATER	Irrigation Water	Turbidity	IS: 3025 (Part - 10)
162	CHEMICAL- WATER	Surface Water	% Sodium	IS: 11624
163	CHEMICAL- WATER	Surface Water	Ammonical Nitrogen as NH3- N	APHA 23rd Edition 4500- NH3, B, C
164	CHEMICAL- WATER	Surface Water	Bicarbonate as HCO3	APHA 23rd Edition 2320, B
165	CHEMICAL- WATER	Surface Water	Boron as B	APHA 23rd Edition 4500- B
166	CHEMICAL- WATER	Surface Water	Calcium as Ca	APHA 23rd Edition 3500, Ca, B
167	CHEMICAL- WATER	Surface Water	Carbonate as CO3	APHA 23rd Edition 2320, B
168	CHEMICAL- WATER	Surface Water	Chloride as Cl	APHA 23rd Edition 4500- Cl, B
169	CHEMICAL- WATER	Surface Water	Chlorine residual	APHA 23rd Edition 4500-Cl, B
170	CHEMICAL- WATER	Surface Water	Chromium Hexavalent as Cr+6	APHA 23rd edition 3500- Cr, B
171	CHEMICAL- WATER	Surface Water	Colour	APHA 23rd Edition 2120, B
172	CHEMICAL- WATER	Surface Water	Conductivity @ 25 °C	APHA 23rd Edition 2510, B
173	CHEMICAL- WATER	Surface Water	Dissolved oxygen	APHA 23rd Edition 4500- 0, C
174	CHEMICAL- WATER	Surface Water	Fixed Dissolved Solids	APHA 23rd Edition 2540
175	CHEMICAL- WATER	Surface Water	Fluoride as F	APHA 23rd Edition 4500- F , B, D
176	CHEMICAL- WATER	Surface Water	Iron as Fe	APHA 23rd Edition 3500 - Fe, B
177	CHEMICAL- WATER	Surface Water	Magnesium as Mg	APHA 23rd Edition 3500- Mg, B
178	CHEMICAL- WATER	Surface Water	Nitrate as NO3- N	APHA 23rd Edition 4500- NO3, E

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179	CHEMICAL- WATER	Surface Water	Nitrite Nitrogen as NO2- N	APHA 23rd Edition 4500- NO2, B
180	CHEMICAL- WATER	Surface Water	Oil & Grease	APHA 23rd Edition 5520, D
181	CHEMICAL- WATER	Surface Water	pH @ 25 °C	APHA 23rd Edition 4500 H+ , B
182	CHEMICAL- WATER	Surface Water	Phosphorous	APHA 23rd Edition 4500- P, D
183	CHEMICAL- WATER	Surface Water	Residual Sodium Carbonate	IS: 11624
184	CHEMICAL- WATER	Surface Water	Sodium Absorption ratio	IS: 11624
185	CHEMICAL- WATER	Surface Water	Sulphate as SO4	APHA 23rd Edition 4500- SO4, E
186	CHEMICAL- WATER	Surface Water	Sulphide	IS: 3025 (Part- 29)
187	CHEMICAL- WATER	Surface Water	Temperature	APHA 23rd Edition 2550, B
188	CHEMICAL- WATER	Surface Water	Total Acidity as CaCO3	APHA 23rd Edition 2310, B
189	CHEMICAL- WATER	Surface Water	Total Dissolved Solids	APHA 23rd Edition 2540, C
190	CHEMICAL- WATER	Surface Water	Total Hardness as CaCO3	APHA 23rd Edition 2340, C
191	CHEMICAL- WATER	Surface Water	Total Solids	APHA 23rd edition 2540, B
192	CHEMICAL- WATER	Surface Water	Volatile Solids	APHA 23rd Edition 2540
193	CHEMICAL- WATER	Water for construction purpose	Inorganic Solids	IS: 3025 (Part - 18)
194	CHEMICAL- WATER	Water for construction purpose	Organic Solids	IS: 3025 (Part - 18)
195	CHEMICAL- WATER	Water for construction purpose	pH @ 25 °C	APHA 23rd Edition 4500 H+ , B
196	CHEMICAL- WATER	Water for construction purpose	Sulphate as SO3	IS: 3025 (Part - 24)
197	CHEMICAL- WATER	Water for construction purpose	Suspended Solids	IS: 3025 (Part - 17)
198	CHEMICAL- WATER	Water for construction purpose	To neutralize 100 ml of sample should not require more than 25 ml of 0.02 normal H2SO4 using mixed indicator.	IS: 3025 (Part - 23)
199	CHEMICAL- WATER	Water for construction purpose	To neutralize 100 ml sample of water should not require more than 25 ml of 0.02 normal NaOH using phenolphthalein as an indicator.	IS: 3025 (Part - 22)
200	CHEMICAL- WATER	Water for construction purpose	Total Hardness	IS: 3025 (Part - 21)
201	CHEMICAL- WATER	Water for Swimming Pool	Chloride as Cl	APHA 23rd Edition 4500- Cl, B
202	CHEMICAL- WATER	Water for Swimming Pool	Chlorine Residual	APHA 23rd Edition 4500- Cl, B
203	CHEMICAL- WATER	Water for Swimming Pool	Colour	APHA 23nd Edition- 2120 B

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204	CHEMICAL- WATER	Water for Swimming Pool	Dissoloved Oxygen	APHA 23rd Edition 4500- 0, C
205	CHEMICAL- WATER	Water for Swimming Pool	Iron as Fe	APHA 23rd Edition 3500 - Fe, B
206	CHEMICAL- WATER	Water for Swimming Pool	pH @ 25 °C	APHA 23rd Edition 4500 H+ , B
207	CHEMICAL- WATER	Water for Swimming Pool	Total Alkalinity as CaCO3	APHA 23rd Edition 2320, B
208	CHEMICAL- WATER	Water for Swimming Pool	Total Dissolved Solids	APHA 23rd Edition 2540, C
209	MECHANICAL- BUILDINGS MATERIALS	Coarse	Gradation	IS 2386(Part1)
210	MECHANICAL- BUILDINGS MATERIALS	Cubes	Compression Strength	IS 516
211	MECHANICAL- BUILDINGS MATERIALS	Fine	Gradation	IS 2386(Part 1)

SCOPE OF ACCREDITATION

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Accreditation Standard	ISO/IEC 17025:2017		
Certificate Number	TC-8320	**Page No**	10 of 11
Validity	31/05/2021 to 30/05/2023	**Last Amended on**	-

S.No	Discipline / Group	Materials or Products tested	Component, parameter or characteristic tested / Specific Test Performed / Tests or type of tests performed	Test Method Specification against which tests are performed and / or the techniques / equipment used
Site Facility				
1	CHEMICAL- ATMOSPHERIC POLLUTION	Ambient Air	Ammonia as NH3	IS 5182(Part-25)
2	CHEMICAL- ATMOSPHERIC POLLUTION	Ambient Air	Oxides of Nitrogen	IS 5182 (Part 6)
3	CHEMICAL- ATMOSPHERIC POLLUTION	Ambient Air	Ozone as O3	CSTPL/SOP/02
4	CHEMICAL- ATMOSPHERIC POLLUTION	Ambient Air	Particulate matter (PM10)	IS 5182(part 23)
5	CHEMICAL- ATMOSPHERIC POLLUTION	Ambient Air	Particulate matter (PM2.5)	IS: 5182 (Part - 24)
6	CHEMICAL- ATMOSPHERIC POLLUTION	Ambient Air	Sulphur Dioxide	IS 5182 (Part - 2)
7	CHEMICAL- ATMOSPHERIC POLLUTION	Indoor Air Quality	Ammonia as NH3	CSTPL/SOP/04
8	CHEMICAL- ATMOSPHERIC POLLUTION	Indoor Air Quality	Dew Point	CSTPL / SOP / 12
9	CHEMICAL- ATMOSPHERIC POLLUTION	Indoor Air Quality	Humidity	CSTPL / SOP / 11
10	CHEMICAL- ATMOSPHERIC POLLUTION	Indoor Air Quality	Nitrogen Dioxide as NO2	CSTPL / SOP / 06
11	CHEMICAL- ATMOSPHERIC POLLUTION	Indoor Air Quality	Ozone as O3	CSTPL / SOP / 07
12	CHEMICAL- ATMOSPHERIC POLLUTION	Indoor Air Quality	Sulphur Dioxide as SO2	CSTPL / SOP / 09
13	CHEMICAL- ATMOSPHERIC POLLUTION	Indoor Air Quality	Temprature	CSTPL / SOP / 13
14	CHEMICAL- ATMOSPHERIC POLLUTION	Indoor Air Quality	Volatile Organic Compound as VOC	CSTPl / SOP / 10
15	CHEMICAL- ATMOSPHERIC POLLUTION	Indoor ambient	Particulate matter (Particle size less than 2.5 microns)	CSTPL / SOP : 01
16	CHEMICAL- ATMOSPHERIC POLLUTION	Light Illumination	Illumination Light intensity	CSTPL/SOP/03
17	CHEMICAL- ATMOSPHERIC POLLUTION	Stack Emission	Carbon Dioxide as CO2	IS 13270
18	CHEMICAL- ATMOSPHERIC POLLUTION	Stack Emission	Oxygen as O2	IS 13270

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19	CHEMICAL- ATMOSPHERIC POLLUTION	Stack Emission Test	Oxides of Nitrogen as NOx	IS 11255 (Part -7)
20	CHEMICAL- ATMOSPHERIC POLLUTION	Stack Emission test	particulate Matter (PM	IS: 11255 (Part - 1)
21	CHEMICAL- ATMOSPHERIC POLLUTION	stack Emission test	Sulphur Dioxide	IS 11255 (Part 2)
22	CHEMICAL- ATMOSPHERIC POLLUTION	Stack Emission Test	Velocity	IS 11255(part 3)