National Accreditation Board for Testing and Calibration Laboratories

SCOPE OF ACCREDITATION

Laboratory Name : SAWEN PROJECTS AND LABORATORIES PVT. LTD., HALL NO.2 ; 10, LDA COMMERCIAL COMPLEX, VAIBHAV KHAND, GOMTI NAGAR, LUCKNOW, UTTAR PRADESH, INDIA

Accreditation Standard ISO/IEC 17025:2017

Certificate Number TC-5005 **Page No** 1 of 16

Validity 29/12/2022 to 28/12/2024 **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	BIOLOGICAL- ENVIRONMENT AND POLLUTION	Effluent	E.coli	IS 1622
2	BIOLOGICAL- ENVIRONMENT AND POLLUTION	Effluent	Faecal Coliform	IS 1622
3	BIOLOGICAL- ENVIRONMENT AND POLLUTION	Effluent	Standard Plate Count	IS 1622
4	BIOLOGICAL- ENVIRONMENT AND POLLUTION	Effluent	Total Coliform	IS 1622
5	BIOLOGICAL- ENVIRONMENT AND POLLUTION	Sewage	E. coli	IS 1622
6	BIOLOGICAL- ENVIRONMENT AND POLLUTION	Sewage	Faecal Coliform	IS 1622
7	BIOLOGICAL- ENVIRONMENT AND POLLUTION	Sewage	Total Coliform	IS 1622
8	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Beverages	E Coli	IS 5887, Part 1
9	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Canned & Processed Foods	E.Coli	IS 5887 Part1
10	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Fruit & Fruit Products	E.Coli	IS 5887, Part1
11	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Milk & Dairy Products	E.Coli	IS 5887, Part 1
12	BIOLOGICAL- WATER	Ground Water / Surface Water	E.Coli	IS 1622
13	BIOLOGICAL- WATER	Ground Water Surface Water	Faecal Coliform	IS 1622
14	BIOLOGICAL- WATER	Ground Water Surface Water	Total Coliform	IS 1622
15	BIOLOGICAL- WATER	Ground Water/ Surface Water	Standard Plate Count	IS 1622
16	BIOLOGICAL- WATER	Indoor & Out door Swimming Pools	Total Faecal Coliform	IS 1622

SCOPE OF ACCREDITATION

Laboratory Name : SAWEN PROJECTS AND LABORATORIES PVT. LTD., HALL NO.2 ; 10, LDA COMMERCIAL COMPLEX, VAIBHAV KHAND, GOMTI NAGAR, LUCKNOW, UTTAR PRADESH, INDIA

Accreditation Standard ISO/IEC 17025:2017

Certificate Number TC-5005 **Page No** 2 of 16

Validity 29/12/2022 to 28/12/2024 **Last Amended on** -

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17	BIOLOGICAL- WATER	Indoor & Outdoor Swimming Pool	E.coli	IS 1622
18	BIOLOGICAL- WATER	Outdoor & Indoor Swimming pools	Standard Plate Count	IS 1622
19	BIOLOGICAL- WATER	Outdoor & Indoor Swimming pools	Total Coliform	IS 1622
20	CHEMICAL- ATMOSPHERIC POLLUTION	Ambient Air	Benzene, Tolulene, Xylene (BTX)	IS 5182, Part 11
21	CHEMICAL- ATMOSPHERIC POLLUTION	Atmosphere (Air)	Nitrogen Dioxide (NO2)	SOP-AAQ-21D
22	CHEMICAL- ATMOSPHERIC POLLUTION	Atmosphere (Air)	Ammonia (NH3)	SOP-AAQ-21F
23	CHEMICAL- ATMOSPHERIC POLLUTION	Atmosphere (Air)	Arsenic (As)	SOP-AAQ-21G
24	CHEMICAL- ATMOSPHERIC POLLUTION	Atmosphere (Air)	Lead (Pb)	SOP-AAQ-21J
25	CHEMICAL- ATMOSPHERIC POLLUTION	Atmosphere (Air)	Nickel (Ni)	SOP-AAQ-21I
26	CHEMICAL- ATMOSPHERIC POLLUTION	Atmosphere (Air)	Ozone (O3)	SOP-AAQ-21E
27	CHEMICAL- ATMOSPHERIC POLLUTION	Atmosphere (Air)	Particulate Matter (PM 2.5)	SOP-AAQ-21B
28	CHEMICAL- ATMOSPHERIC POLLUTION	Atmosphere (Air)	Particulate Matter 10 (PM 10)	SOP-AAQ-21A
29	CHEMICAL- ATMOSPHERIC POLLUTION	Atmosphere (Air)	Relative Humidity	SPL-TP-Met-02
30	CHEMICAL- ATMOSPHERIC POLLUTION	Atmosphere (Air)	Sulphur Dioxide (SO2)	SOP-AAQ-21C
31	CHEMICAL- ATMOSPHERIC POLLUTION	Atmosphere (Air)	Temperature	SPL-TP-Met-01
32	CHEMICAL- ATMOSPHERIC POLLUTION	Atmosphere (Air)	Wind Direction	SPL-TP-Met-03
33	CHEMICAL- ATMOSPHERIC POLLUTION	Atmosphere (Air)	Wind Speed	SPL-TP-Met-04
34	CHEMICAL- ATMOSPHERIC POLLUTION	Chimney/ Vent	Carbon Dioxide (CO2)	SOP-EQ-04
35	CHEMICAL- ATMOSPHERIC POLLUTION	Chimney/ Vent	Carbon Monoxide (CO)	SOP-EQ-04
36	CHEMICAL- ATMOSPHERIC POLLUTION	Chimney/ Vent	Nitrogen Dioxide (NO2)	SPL-ST.TP-04

SCOPE OF ACCREDITATION

Laboratory Name : SAWEN PROJECTS AND LABORATORIES PVT. LTD., HALL NO.2 ; 10, LDA COMMERCIAL COMPLEX, VAIBHAV KHAND, GOMTI NAGAR, LUCKNOW, UTTAR PRADESH, INDIA

Accreditation Standard ISO/IEC 17025:2017

Certificate Number TC-5005 **Page No** 3 of 16

Validity 29/12/2022 to 28/12/2024 **Last Amended on** -

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37	CHEMICAL- ATMOSPHERIC POLLUTION	Chimney/ Vent	Oxygen (O2)	SOP-EQ-04
38	CHEMICAL- ATMOSPHERIC POLLUTION	Chimney/ Vent	Particulate Matter (PM)	SPL-ST.TP-01
39	CHEMICAL- ATMOSPHERIC POLLUTION	Chimneys/ Vent	Sulphur Dioxide (SO2)	SOP-AAQ-21C
40	CHEMICAL- ATMOSPHERIC POLLUTION	Environmental Noise (Ambient)	Noise Level Leq	SOP-NQ-18
41	CHEMICAL- ATMOSPHERIC POLLUTION	Exhaust/ Vent	Nitrogen Dioxide (NO2)	SOP-VE-1C
42	CHEMICAL- ATMOSPHERIC POLLUTION	Fugitive emission	Ozone (O3)	SOP-AAQ-21E
43	CHEMICAL- ATMOSPHERIC POLLUTION	Fugitive Emission	Sulphur Dioxide (SO2)	IS 5182- Part -2-2001
44	CHEMICAL- ATMOSPHERIC POLLUTION	Fugitive Emission	Total Suspended Particulate Matter (TSPM)	IS 5182-Part-4
45	CHEMICAL- ATMOSPHERIC POLLUTION	Source Noise	Noise Level Leq	IS 10399
46	CHEMICAL- ATMOSPHERIC POLLUTION	Source Noise Levels	Noise Level Leq	IS 10399: 1982
47	CHEMICAL- ATMOSPHERIC POLLUTION	Vent Emissions	Carbon Dioxide (CO2)	SOP-VE-1E
48	CHEMICAL- ATMOSPHERIC POLLUTION	Vent Emissions	Carbon Monoxide (CO)	SOP-VE-1D
49	CHEMICAL- ATMOSPHERIC POLLUTION	Vent Emissions	Nitrogen Dioxide (NO2)	SOP-VE-1C
50	CHEMICAL- ATMOSPHERIC POLLUTION	Vent Emissions	Oxygen (O2)	SOP-VE-1F
51	CHEMICAL- ATMOSPHERIC POLLUTION	Vent Emissions	Particulate Matter (PM)	SOP-VE-1A
52	CHEMICAL- ATMOSPHERIC POLLUTION	Vent Emissions	Sulphur Dioxide (SO2)	SOP-VE-1B
53	CHEMICAL- ATMOSPHERIC POLLUTION	Work Zone & Indoor Area	Nitrogen Dioxide (NO2)	SOP-WE-1H
54	CHEMICAL- ATMOSPHERIC POLLUTION	Work Zone/ Indoor Area	Ammonia (NH3)	SOP-WE-1B
55	CHEMICAL- ATMOSPHERIC POLLUTION	Work Zone/ Indoor Area	Carbon Dioxide (CO2)	SOP-WE-1E

SCOPE OF ACCREDITATION

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Accreditation Standard ISO/IEC 17025:2017

Certificate Number TC-5005 **Page No** 4 of 16

Validity 29/12/2022 to 28/12/2024 **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
56	CHEMICAL- ATMOSPHERIC POLLUTION	Work Zone/ Indoor Area	Carbon Monoxide (CO)	SOP-WE-1D
57	CHEMICAL- ATMOSPHERIC POLLUTION	Work Zone/ Indoor Area	Oxygen (O2)	SOP-WE-1F
58	CHEMICAL- ATMOSPHERIC POLLUTION	Work Zone/ Indoor Area	Ozone (O3)	SOP-AAQ-21E
59	CHEMICAL- ATMOSPHERIC POLLUTION	Work Zone/ Indoor Area	Sulphur Dioxide (SO2)	SOP-WE-1G
60	CHEMICAL- ATMOSPHERIC POLLUTION	Work Zone/ Indoor Area	Total Suspended Particulate Matter (TSPM)	SOP-WE-1A
61	CHEMICAL- POLLUTION & ENVIRONMENT	Effluent/Sewage	pH	4500-H+ A APHA 23rd Edition, 2017
62	CHEMICAL- POLLUTION & ENVIRONMENT	Effluents / Sewage	Dissolved Oxygen	4500-O APHA 23rd Edition, 2017
63	CHEMICAL- POLLUTION & ENVIRONMENT	Effluents/ Sewage	Ammonical Nitrogen	4500- NH3 – C APHA
64	CHEMICAL- POLLUTION & ENVIRONMENT	Effluents/ Sewage	Biochemical Oxygen Demand @ 27 0 C for 3 days	IS 3025 (Part 44): 1993 (Reaffirmed 2009)
65	CHEMICAL- POLLUTION & ENVIRONMENT	Effluents/ Sewage	Chemical Oxygen Demand	5220 B APHA 23rd Edition, 2017
66	CHEMICAL- POLLUTION & ENVIRONMENT	Effluents/ Sewage	Color	2120 B APHA 23rd Edition, 2017
67	CHEMICAL- POLLUTION & ENVIRONMENT	Effluents/ Sewage	Oil & Grease (mg/L)	5520 B APHA 23rd Edition, 2017
68	CHEMICAL- POLLUTION & ENVIRONMENT	Effluents/ Sewage	Total Nitrogen (Kjeldahl)	4500- Norg – B APHA 2017
69	CHEMICAL- POLLUTION & ENVIRONMENT	Effluents/Sewage	Total Suspended Solids (mg/L)	2540 D APHA 23rd Edition, 2017
70	CHEMICAL- POLLUTION & ENVIRONMENT	Liquid Wastes/ Slurry/ Sludge	Total Solids	SPL-TP(Wastes)-02
71	CHEMICAL- POLLUTION & ENVIRONMENT	Municipal Solid Wastes	Phosphorus	SPL-TP(MSW)-04
72	CHEMICAL- POLLUTION & ENVIRONMENT	Municipal Solid Wastes	Aluminium	SPL-TP (MSW)-29
73	CHEMICAL- POLLUTION & ENVIRONMENT	Municipal Solid Wastes	Ammonical Nitrogen	SPL-TP(MSW)-05
74	CHEMICAL- POLLUTION & ENVIRONMENT	Municipal Solid Wastes	Arsenic	SPL-TP (MSW)-30

SCOPE OF ACCREDITATION

Laboratory Name : SAWEN PROJECTS AND LABORATORIES PVT. LTD., HALL NO.2 ; 10, LDA COMMERCIAL COMPLEX, VAIBHAV KHAND, GOMTI NAGAR, LUCKNOW, UTTAR PRADESH, INDIA

Accreditation Standard ISO/IEC 17025:2017

Certificate Number TC-5005 **Page No** 5 of 16

Validity 29/12/2022 to 28/12/2024 **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
75	CHEMICAL- POLLUTION & ENVIRONMENT	Municipal Solid Wastes	Barium	SPL-TP(MSW)-31
76	CHEMICAL- POLLUTION & ENVIRONMENT	Municipal Solid Wastes	Boron	SPL-TP(MSW)-06
77	CHEMICAL- POLLUTION & ENVIRONMENT	Municipal Solid Wastes	Cadmium	SPL-TP(MSW)-32
78	CHEMICAL- POLLUTION & ENVIRONMENT	Municipal Solid Wastes	Calcium	SPL-TP(MSW)-07
79	CHEMICAL- POLLUTION & ENVIRONMENT	Municipal Solid Wastes	Calcium Carbonate	SPL-TP(MSW)-08
80	CHEMICAL- POLLUTION & ENVIRONMENT	Municipal Solid Wastes	Carbon Nitrogen Ratio	SPL-TP(MSW)-09
81	CHEMICAL- POLLUTION & ENVIRONMENT	Municipal Solid Wastes	Cation Exchange Capacity(CEC)	SPL-TP(MSW)-10
82	CHEMICAL- POLLUTION & ENVIRONMENT	Municipal Solid Wastes	Chloride	SPL-TP(MSW)-11
83	CHEMICAL- POLLUTION & ENVIRONMENT	Municipal Solid Wastes	Color	SPL-TP(MSW)-12
84	CHEMICAL- POLLUTION & ENVIRONMENT	Municipal Solid Wastes	Composition(% by weight)	SPL-TP(MSW)-03
85	CHEMICAL- POLLUTION & ENVIRONMENT	Municipal Solid Wastes	Conductivity	SPL-TP(MSW)-13
86	CHEMICAL- POLLUTION & ENVIRONMENT	Municipal Solid Wastes	Copper	SPL-TP(MSW)-33
87	CHEMICAL- POLLUTION & ENVIRONMENT	Municipal Solid Wastes	Gross Calorific Value(GCV)	SPL-TP(MSW)-01
88	CHEMICAL- POLLUTION & ENVIRONMENT	Municipal Solid Wastes	Hexavalent Chromium	SPL-TP(MSW)-34
89	CHEMICAL- POLLUTION & ENVIRONMENT	Municipal Solid Wastes	Iron	SPL-TP(MSW)-35
90	CHEMICAL- POLLUTION & ENVIRONMENT	Municipal Solid Wastes	Lead	SPL-TP(MSW)-41
91	CHEMICAL- POLLUTION & ENVIRONMENT	Municipal Solid Wastes	Magnesium	SPL-TP(MSW)-14
92	CHEMICAL- POLLUTION & ENVIRONMENT	Municipal Solid Wastes	Manganese	SPL-TP(MSW)-36
93	CHEMICAL- POLLUTION & ENVIRONMENT	Municipal Solid Wastes	Mercury	SPL-TP (MSW)-37

SCOPE OF ACCREDITATION

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Accreditation Standard ISO/IEC 17025:2017

Certificate Number TC-5005 **Page No** 6 of 16

Validity 29/12/2022 to 28/12/2024 **Last Amended on** -

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94	CHEMICAL- POLLUTION & ENVIRONMENT	Municipal Solid Wastes	Moisture	SPL-TP(MSW)-15
95	CHEMICAL- POLLUTION & ENVIRONMENT	Municipal Solid Wastes	Nickel	SPL-TP(MSW)-38
96	CHEMICAL- POLLUTION & ENVIRONMENT	Municipal Solid Wastes	Nitrate	SPL-TP(MSW)-16
97	CHEMICAL- POLLUTION & ENVIRONMENT	Municipal Solid Wastes	Nitrite Nitrogen	SPL-TP(MSW)-17
98	CHEMICAL- POLLUTION & ENVIRONMENT	Municipal Solid Wastes	Organic Carbon	SPL-TP(MSW)-18
99	CHEMICAL- POLLUTION & ENVIRONMENT	Municipal Solid Wastes	Ortho Phosphorus	SPL-TP(MSW)-20
100	CHEMICAL- POLLUTION & ENVIRONMENT	Municipal Solid Wastes	pH	SPL-TP(MSW)-21
101	CHEMICAL- POLLUTION & ENVIRONMENT	Municipal Solid Wastes	Potash	SPL-TP(MSW)-22
102	CHEMICAL- POLLUTION & ENVIRONMENT	Municipal Solid Wastes	Potassium	SPL-TP(MSW)-23
103	CHEMICAL- POLLUTION & ENVIRONMENT	Municipal Solid Wastes	Selenium	SPL-TP(MSW)-39
104	CHEMICAL- POLLUTION & ENVIRONMENT	Municipal Solid Wastes	Sodium	SPL-TP(MSW)-24
105	CHEMICAL- POLLUTION & ENVIRONMENT	Municipal Solid Wastes	Sodium Adsorption Ratio(SAR)	SPL-TP(MSW)-25
106	CHEMICAL- POLLUTION & ENVIRONMENT	Municipal Solid Wastes	Sulphate	SPL-TP(MSW)-26
107	CHEMICAL- POLLUTION & ENVIRONMENT	Municipal Solid Wastes	Sulphur	SPL-TP(MSW)-27
108	CHEMICAL- POLLUTION & ENVIRONMENT	Municipal Solid Wastes	Total Kjeldahl Nitrogen	SPL-TP(MSW)-28
109	CHEMICAL- POLLUTION & ENVIRONMENT	Municipal Solid Wastes	Zinc	SPL-TP (MSW)-40
110	CHEMICAL- POLLUTION & ENVIRONMENT	Soil	Aluminium	SPL-TP(S)-31
111	CHEMICAL- POLLUTION & ENVIRONMENT	Soil	Available Copper	SPL-TP(S)-19
112	CHEMICAL- POLLUTION & ENVIRONMENT	Soil	Available Iron	SPL-TP(S)-16

SCOPE OF ACCREDITATION

Laboratory Name : SAWEN PROJECTS AND LABORATORIES PVT. LTD., HALL NO.2 ; 10, LDA COMMERCIAL COMPLEX, VAIBHAV KHAND, GOMTI NAGAR, LUCKNOW, UTTAR PRADESH, INDIA

Accreditation Standard ISO/IEC 17025:2017

Certificate Number TC-5005 **Page No** 7 of 16

Validity 29/12/2022 to 28/12/2024 **Last Amended on** -

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113	CHEMICAL- POLLUTION & ENVIRONMENT	Soil	Available Manganese	SPL-TP(S)-20
114	CHEMICAL- POLLUTION & ENVIRONMENT	Soil	Available Phosphorus	SPL-TP(S)-06 SPL-TP(S)-07
115	CHEMICAL- POLLUTION & ENVIRONMENT	Soil	Available Phosphorus	SPL-TP(S)-06 SPL-TP(S)-07
116	CHEMICAL- POLLUTION & ENVIRONMENT	Soil	Available Potassium	SPL-TP(S)-08
117	CHEMICAL- POLLUTION & ENVIRONMENT	Soil	Available Sulphur	SPL-TP(S)-09
118	CHEMICAL- POLLUTION & ENVIRONMENT	Soil	Available Zinc	SPL-TP(S)-21
119	CHEMICAL- POLLUTION & ENVIRONMENT	Soil	Boron	SPL-TP(S)-32
120	CHEMICAL- POLLUTION & ENVIRONMENT	Soil	Chloride	SPL-TP(S)-18
121	CHEMICAL- POLLUTION & ENVIRONMENT	Soil	Electrical Conductivity	SPL-TP(S)-31
122	CHEMICAL- POLLUTION & ENVIRONMENT	Soil	Exchangeable Calcium	SPL-TP(S)-04 Part (A) Methods Manual- Ministry of Agriculture, GoI; 4.6.3,;; Part 16a.
123	CHEMICAL- POLLUTION & ENVIRONMENT	Soil	Exchangeable Calcium & Magnesium	SPL-TP(S)-04 Part (B) Methods Manual- Ministry of Agriculture, GoI; 4.6.3,;; Part 16b.
124	CHEMICAL- POLLUTION & ENVIRONMENT	Soil	Mineralizable Nitrogen	SPL-TP(S)-05
125	CHEMICAL- POLLUTION & ENVIRONMENT	Soil	Moisture	SPL-TP(S)-15 Methods Manual-Ministry of Agriculture, GoI; 4.6.3,;; Part 4.
126	CHEMICAL- POLLUTION & ENVIRONMENT	Soil	Molybdenum	SPL-TP (S)-33
127	CHEMICAL- POLLUTION & ENVIRONMENT	Soil	Organic Carbon	SPL-TP(S)-12 Methods Manual-Ministry of Agriculture, GoI; 4.6.3, ;Part 9, January, 2011
128	CHEMICAL- POLLUTION & ENVIRONMENT	Soil	Organic Matter	SPL-TP(S)-12
129	CHEMICAL- POLLUTION & ENVIRONMENT	Soil	pH	SPL-TP(S)-14 Methods Manual-Ministry of Agriculture, GoI; 4.6.3,;; Part 6; January, 2011;

SCOPE OF ACCREDITATION

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Accreditation Standard ISO/IEC 17025:2017

Certificate Number TC-5005 **Page No** 8 of 16

Validity 29/12/2022 to 28/12/2024 **Last Amended on** -

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130	CHEMICAL- POLLUTION & ENVIRONMENT	Soil	Sodium	SPL-TP(S)-32
131	CHEMICAL- POLLUTION & ENVIRONMENT	Soil	Specefic Gravity	SPL-TP(S)-13
132	CHEMICAL- POLLUTION & ENVIRONMENT	Soil	Texture	SPL-TP(S)-01 Methods Manual-Ministry of Agriculture, GoI; 4.6.3, Part 1, January, 2011
133	CHEMICAL- POLLUTION & ENVIRONMENT	Soil	Zinc	SPL-TP(S)-34
134	CHEMICAL- POLLUTION & ENVIRONMENT	Soil/Sediments	Arsenic	SPL-TP (S)-22
135	CHEMICAL- POLLUTION & ENVIRONMENT	Soil/Sediments	Barium	SPL-TP(S)-23
136	CHEMICAL- POLLUTION & ENVIRONMENT	Soil/Sediments	Cadmium	SPL-TP(S)-24
137	CHEMICAL- POLLUTION & ENVIRONMENT	Soil/Sediments	Carbon Nitrogen Ratio	SPL-TP(S)-12 & SPL-TP(S)-05
138	CHEMICAL- POLLUTION & ENVIRONMENT	Soil/Sediments	Cation Exchange Capacity	SPL-TP(S)-02
139	CHEMICAL- POLLUTION & ENVIRONMENT	Soil/Sediments	Hexavalent Chromium	SPL-TP(S)-25
140	CHEMICAL- POLLUTION & ENVIRONMENT	Soil/Sediments	Lead	SPL-TP(S)-26
141	CHEMICAL- POLLUTION & ENVIRONMENT	Soil/Sediments	Mercury	SPL-TP(S)-27
142	CHEMICAL- POLLUTION & ENVIRONMENT	Soil/Sediments	Nickel	SPL-TP(S)-28
143	CHEMICAL- POLLUTION & ENVIRONMENT	Soil/Sediments	Selenium	SPL-TP(S)-29
144	CHEMICAL- POLLUTION & ENVIRONMENT	Soil/Sediments	Sodium Adsorption Ratio(SAR)	SPL-TP(S)-30
145	CHEMICAL- POLLUTION & ENVIRONMENT	Used/Waste oil	Arsenic	SPL-TP(WO)-01
146	CHEMICAL- POLLUTION & ENVIRONMENT	Used/Waste oil	Barium	SPL-TP(WO)-02
147	CHEMICAL- POLLUTION & ENVIRONMENT	Used/Waste oil	Cadmium	SPL-TP(WO)-03

SCOPE OF ACCREDITATION

Laboratory Name : SAWEN PROJECTS AND LABORATORIES PVT. LTD., HALL NO.2 ; 10, LDA COMMERCIAL COMPLEX, VAIBHAV KHAND, GOMTI NAGAR, LUCKNOW, UTTAR PRADESH, INDIA

Accreditation Standard ISO/IEC 17025:2017

Certificate Number TC-5005 **Page No** 9 of 16

Validity 29/12/2022 to 28/12/2024 **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
148	CHEMICAL- POLLUTION & ENVIRONMENT	Used/Waste oil	Hexavalent Chromium	SPL-TP(WO)-04
149	CHEMICAL- POLLUTION & ENVIRONMENT	Used/Waste oil	Lead	SPL-TP(WO)-05
150	CHEMICAL- POLLUTION & ENVIRONMENT	Used/Waste oil	Mercury	SPL-TP(WO)-07
151	CHEMICAL- POLLUTION & ENVIRONMENT	Used/Waste oil	Nickel	SPL-TP(WO)-07
152	CHEMICAL- POLLUTION & ENVIRONMENT	Used/Waste oil	Selenium	SPL-TP(WO)-08
153	CHEMICAL- POLLUTION & ENVIRONMENT	Waste water	Bioassay	IS 6582 (Part1)
154	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water	Sludge Volume Index(SVI)	SPL-TP-49
155	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water	Total Solids	2540 G, APHA 23RD EDITION
156	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water (Effluents/Sewage)	Arsenic	APHA 3500 As(A), 23rd Edition
157	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water (Effluents/Sewage)	Boron	APHA 4500B, 23rd Edition
158	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water (Effluents/Sewage)	Cadmium	APHA 3500Cd, 23rd Edition
159	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water (Effluents/Sewage)	Chemical Oxygen Demand (COD)	APHA 5220 B, 23rd Edition
160	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water (Effluents/Sewage)	Chloride	APHA 4500 Cl-, 23rd Edition
161	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water (Effluents/Sewage)	Copper	APHA 3500Cu(B), 23rd Edition
162	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water (Effluents/Sewage)	Fluoride	APHA 4500F(D), 23rd Edition
163	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water (Effluents/Sewage)	Hexavalent Chromium	APHA 3500 Cr(B), 23rd Edition
164	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water (Effluents/Sewage)	Lead	APHA 3500 Pb(B), 23rd Edition
165	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water (Effluents/Sewage)	Magnesium	APHA 3500Mg(B), 23rd Edition
166	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water (Effluents/Sewage)	Nickel	APHA 3500 Ni, 23rd Edition

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Accreditation Standard ISO/IEC 17025:2017

Certificate Number TC-5005 **Page No** 10 of 16

Validity 29/12/2022 to 28/12/2024 **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
167	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water (Effluents/Sewage)	Nitrate	APHA 4500 NO3(B), 23rd Edition
168	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water (Effluents/Sewage)	Organic Carbon	Volumetric Method-Walkely & Black
169	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water (Effluents/Sewage)	Phenolic Compound	APHA 5530 C, 23rd Edition
170	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water (Effluents/Sewage)	Phosphate	APHA 4500P(D), 23rd Edition
171	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water (Effluents/Sewage)	Potassium	APHA 3500K(B), 23rd Edition
172	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water (Effluents/Sewage)	Residual Chlorine	APHA 4500 Cl-, 23rd Edition
173	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water (Effluents/Sewage)	Salinity	APHA 2540 C, 23rd Edition
174	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water (Effluents/Sewage)	Selenium	APHA 3500Se, 23rd Edition
175	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water (Effluents/Sewage)	Sodium	APHA 3500Na, 23rd Edition
176	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water (Effluents/Sewage)	Sulfide	APHA 4500S-2(B), 23rd Edition
177	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water (Effluents/Sewage)	Sulphate	APHA 4500SO(E), 23rd Edition
178	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water (Effluents/Sewage)	TDS	APHA 2540 C, 23rd Edition
179	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water (Effluents/Sewage)	Temperature	APHA 2550(B), 23rd Edition
180	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water(Effluents/Sewage)	Bioassay	IS 6582
181	CHEMICAL- POLLUTION & ENVIRONMENT	Wastes (Liquid/Slurry/Sludge/Solid/Semi-Solid)	Aluminium	SPL-TP(Wastes)-25
182	CHEMICAL- POLLUTION & ENVIRONMENT	Wastes (Liquid/Slurry/Sludge/Solid/Semi-Solid)	Arsenic	SPL-TP(Wastes)-22
183	CHEMICAL- POLLUTION & ENVIRONMENT	Wastes (Liquid/Slurry/Sludge/Solid/Semi-Solid)	Available Copper	SPL-TP(Wastes)-12
184	CHEMICAL- POLLUTION & ENVIRONMENT	Wastes (Liquid/Slurry/Sludge/Solid/Semi-Solid)	Available Iron	SPL-TP(Wastes)-13
185	CHEMICAL- POLLUTION & ENVIRONMENT	Wastes (Liquid/Slurry/Sludge/Solid/Semi-Solid)	Available Manganese	SPL-TP(S)-20

SCOPE OF ACCREDITATION

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Accreditation Standard ISO/IEC 17025:2017

Certificate Number TC-5005 **Page No** 11 of 16

Validity 29/12/2022 to 28/12/2024 **Last Amended on** -

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186	CHEMICAL- POLLUTION & ENVIRONMENT	Wastes (Liquid/Slurry/Sludge/Solid/Semi-Solid)	Available Phosphorus	SPL-TP(S)-06,07
187	CHEMICAL- POLLUTION & ENVIRONMENT	Wastes (Liquid/Slurry/Sludge/Solid/Semi-Solid)	Available Potassium	SPL-TP(S)-08
188	CHEMICAL- POLLUTION & ENVIRONMENT	Wastes (Liquid/Slurry/Sludge/Solid/Semi-Solid)	Available Sulphur	SPL-TP(S)-09
189	CHEMICAL- POLLUTION & ENVIRONMENT	Wastes (Liquid/Slurry/Sludge/Solid/Semi-Solid)	Available Zinc	SPL-TP(S)-21
190	CHEMICAL- POLLUTION & ENVIRONMENT	Wastes (Liquid/Slurry/Sludge/Solid/Semi-Solid)	Barium	USEPA 3050B USEPA 7000B
191	CHEMICAL- POLLUTION & ENVIRONMENT	Wastes (Liquid/Slurry/Sludge/Solid/Semi-Solid)	Boron	SPL-TP(Wastes)-23
192	CHEMICAL- POLLUTION & ENVIRONMENT	Wastes (Liquid/Slurry/Sludge/Solid/Semi-Solid)	Cadmium	USEPA 3050B USEPA 7000B
193	CHEMICAL- POLLUTION & ENVIRONMENT	Wastes (Liquid/Slurry/Sludge/Solid/Semi-Solid)	Chloride	SPL-TP(S)-18
194	CHEMICAL- POLLUTION & ENVIRONMENT	Wastes (Liquid/Slurry/Sludge/Solid/Semi-Solid)	Exchangeable Calcium	SPL-TP(S)-04
195	CHEMICAL- POLLUTION & ENVIRONMENT	Wastes (Liquid/Slurry/Sludge/Solid/Semi-Solid)	Exchangeable Calcium & Magnesium	SPL-TP(S)-04
196	CHEMICAL- POLLUTION & ENVIRONMENT	Wastes (Liquid/Slurry/Sludge/Solid/Semi-Solid)	Gross Calorific Value	SPL-TP(MSW)-01
197	CHEMICAL- POLLUTION & ENVIRONMENT	Wastes (Liquid/Slurry/Sludge/Solid/Semi-Solid)	Hexavalent Chromium	USEPA 3060A & USEPA 7196A
198	CHEMICAL- POLLUTION & ENVIRONMENT	Wastes (Liquid/Slurry/Sludge/Solid/Semi-Solid)	Lead	USEPA 3050B USEPA 7000B
199	CHEMICAL- POLLUTION & ENVIRONMENT	Wastes (Liquid/Slurry/Sludge/Solid/Semi-Solid)	Mercury	USEPA 3050B USEPA 7471B
200	CHEMICAL- POLLUTION & ENVIRONMENT	Wastes (Liquid/Slurry/Sludge/Solid/Semi-Solid)	Mineralizable Nitrogen	SPL-TP(S)-05
201	CHEMICAL- POLLUTION & ENVIRONMENT	Wastes (Liquid/Slurry/Sludge/Solid/Semi-Solid)	Moisture	SPL-TP(S)-15
202	CHEMICAL- POLLUTION & ENVIRONMENT	Wastes (Liquid/Slurry/Sludge/Solid/Semi-Solid)	Molybdenum	SPL-TP(S)-01
203	CHEMICAL- POLLUTION & ENVIRONMENT	Wastes (Liquid/Slurry/Sludge/Solid/Semi-Solid)	Nickel	USEPA 3050B USEPA 7000B
204	CHEMICAL- POLLUTION & ENVIRONMENT	Wastes (Liquid/Slurry/Sludge/Solid/Semi-Solid)	Organic Carbon	SPL-TP(S)-12

SCOPE OF ACCREDITATION

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Accreditation Standard ISO/IEC 17025:2017

Certificate Number TC-5005 **Page No** 12 of 16

Validity 29/12/2022 to 28/12/2024 **Last Amended on** -

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205	CHEMICAL- POLLUTION & ENVIRONMENT	Wastes (Liquid/Slurry/Sludge/Solid/Semi-Solid)	pH	SPL-TP(S)-14
206	CHEMICAL- POLLUTION & ENVIRONMENT	Wastes (Liquid/Slurry/Sludge/Solid/Semi-Solid)	Selenium	SPL-TP(Wastes)-24
207	CHEMICAL- POLLUTION & ENVIRONMENT	Wastes (Liquid/Slurry/Sludge/Solid/Semi-Solid)	Sodium Adsorption Ratio	SPL-TP(Wastes)-26
208	CHEMICAL- POLLUTION & ENVIRONMENT	Wastes (Liquid/Slurry/Sludge/Solid/Semi-Solid)	Specefic Gravity	IS 2720 (Part III/Sec 1)
209	CHEMICAL- POLLUTION & ENVIRONMENT	Wastes (Liquid/Slurry/Sludge/Solid/Semi-Solid)	Total Nitrogen	SPL-TP(Wastes)-21
210	CHEMICAL- POLLUTION & ENVIRONMENT	Wastes (Liquid/Slurry/Sludge/Solid/Semi-Solid)	Total Phosphorus as P2O5	SPL-TP(Wastes)-09
211	CHEMICAL- POLLUTION & ENVIRONMENT	Wastes (Liquid/Slurry/Sludge/Solid/Semi-Solid)	Total Potassium as K2O	SPL-TP(Wastes)-10
212	CHEMICAL- WATER	Construction Water	Acidity	APHA 2310 B, 23RD Edition
213	CHEMICAL- WATER	Construction Water	Alkalinity	APHA 2320 (B), 23rd Edition
214	CHEMICAL- WATER	Construction Water	Chloride	APHA 4500 Cl-, 23rd Edition
215	CHEMICAL- WATER	Construction Water	Hardness	APHA 2340 (C), 23rd Edition
216	CHEMICAL- WATER	Construction Water	Inorganic Solids	APHA 2540 (B) & (E), 23rd Edition
217	CHEMICAL- WATER	construction water	Inorganic Solids	IS 3025; Part 18
218	CHEMICAL- WATER	Construction Water	Organic Solids	APHA 2540 (B) & (E), 23RD Edition
219	CHEMICAL- WATER	Construction Water	Potassium	APHA 3500 (B), 23rd Edition
220	CHEMICAL- WATER	Construction Water	Sodium	APHA 3500, 23rd Edition
221	CHEMICAL- WATER	Construction Water	Sulphate	APHA 4500 (E), 23rd Edition
222	CHEMICAL- WATER	Drinking Water	Nitrite Nitrogen	4500 NO2 B, APHA 23RD ED
223	CHEMICAL- WATER	Drinking Water	Phenolic Substances as C6H5OH	APHA 5530C, 23rd Edition
224	CHEMICAL- WATER	Drinking Water	Total Solids	APHA 2540(B),(E), 23rd Edition
225	CHEMICAL- WATER	Ground Water	Alkalinity as CaCO3	2320 B APHA 23rd Edition, 2017
226	CHEMICAL- WATER	Ground Water	Biochemical Oxygen Demand @ 27 0 C for 3 days	IS 3025 (Part 44): 1993; (Reaffirmed 2009)
227	CHEMICAL- WATER	Ground Water	Calcium as Ca (mg/L)	3500-Ca B APHA 23rd Edition, 2017

SCOPE OF ACCREDITATION

Laboratory Name :	SAWEN PROJECTS AND LABORATORIES PVT. LTD., HALL NO.2 ; 10, LDA COMMERCIAL COMPLEX, VAIBHAV KHAND, GOMTI NAGAR, LUCKNOW, UTTAR PRADESH, INDIA		
Accreditation Standard	ISO/IEC 17025:2017		
Certificate Number	TC-5005	**Page No**	13 of 16
Validity	29/12/2022 to 28/12/2024	**Last Amended on**	-

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228	CHEMICAL- WATER	Ground Water	Chemical Oxygen Demand (mg/L)	5220 B APHA 23rd Edition, 2017
229	CHEMICAL- WATER	Ground Water	Chlorides as Cl (mg/L)	4500-Cl- APHA 23rd Edition, 2017
230	CHEMICAL- WATER	Ground Water	Colour	2120 B APHA 23rd Edition, 2017
231	CHEMICAL- WATER	Ground Water	Conductivity (µs/cm)	2520 B APHA 23rd Edition, 2017
232	CHEMICAL- WATER	Ground Water	Dissolved Oxygen	4500-O APHA 23rd Edition, 2017
233	CHEMICAL- WATER	Ground Water	Fluoride as F (mg/L)	4500-F- D APHA 23rd Edition, 2017
234	CHEMICAL- WATER	Ground Water	Magnesium as Mg (mg/L)	3500-Mg B APHA 23rd Edition, 2017
235	CHEMICAL- WATER	Ground Water	Molybdate Reactive Silica	4500-SiO2 C APHA 23rd Edition 2017
236	CHEMICAL- WATER	Ground Water	Nitrate as NO3 (mg/L)	4500-NO-3 B APHA 23rd Edition, 2017
237	CHEMICAL- WATER	Ground Water	Oil & Grease	5520 APHA 23 Ed.
238	CHEMICAL- WATER	Ground Water	pH	4500-H+ A APHA 23rd Edition, 2017
239	CHEMICAL- WATER	Ground Water	Phosphorus	4500 PD APHA 23rd Edition 2017
240	CHEMICAL- WATER	Ground Water	Potassium	3500- K B APHA 23rd Edition 2017
241	CHEMICAL- WATER	Ground Water	Residual Free Chlorine (mg/L)	4500-Cl APHA 23rd Edition, 2017
242	CHEMICAL- WATER	Ground Water	Sodium	3500 Na APHA 23rd Edition 2017
243	CHEMICAL- WATER	Ground Water	Sulphate as SO4 (mg/L)	4500-SO42- E APHA 23rd Edition, 2017
244	CHEMICAL- WATER	Ground Water	Total Dissolved Solids (mg/L)	2540 C APHA 23rd Edition, 2017
245	CHEMICAL- WATER	Ground Water	Total Hardness CaCO3 (mg/L)	2340 C APHA 23rd Edition, 2017
246	CHEMICAL- WATER	Ground Water	Total Suspended Solids (mg/L)	2540 D APHA 23rd Edition, 2017
247	CHEMICAL- WATER	Ground Water	Turbidity (NTU)	2130 B APHA 23rd Edition 2017

SCOPE OF ACCREDITATION

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Accreditation Standard ISO/IEC 17025:2017

Certificate Number TC-5005 **Page No** 14 of 16

Validity 29/12/2022 to 28/12/2024 **Last Amended on** -

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248	CHEMICAL- WATER	Industrial Water	Bioassay	IS 6582
249	CHEMICAL- WATER	Industrial Water	Chloride	APHA 4500Cl- 23rd Edition
250	CHEMICAL- WATER	Industrial Water	COD	APHA 5520 B,23rd Edition
251	CHEMICAL- WATER	Industrial Water	Fluoride	APHA 4500F(D), 23rd Edition
252	CHEMICAL- WATER	Industrial Water	Magnesium	APHA 3500Mg(B), 23rd Edition
253	CHEMICAL- WATER	Industrial Water	Nitrate	APHA 4500 NO3(B), 23rd Edition
254	CHEMICAL- WATER	Industrial Water	Organic Carbon	Volumetric Method-Walkely & Black
255	CHEMICAL- WATER	Industrial Water	Phenolic Compound	APHA 5530(C), 23rd Edition
256	CHEMICAL- WATER	Industrial Water	Phosphate	APHA 4500P(D), 23rd Edition
257	CHEMICAL- WATER	Industrial Water	Potassium	APHA 3500-K(B), 23rd Edition
258	CHEMICAL- WATER	Industrial Water	Residual Chlorine	APHA 4500 Cl- 23rd Edition
259	CHEMICAL- WATER	Industrial Water	Salinity	APHA 2540 C, 23rd Edition
260	CHEMICAL- WATER	Industrial Water	Sodium	APHA 3500-Na 23rd Edition
261	CHEMICAL- WATER	Industrial Water	Sulfide	APHA 4500 S-2(B), 23rd Edition
262	CHEMICAL- WATER	Industrial Water	Sulphate	APHA 4500-SO(E), 23rd Edition
263	CHEMICAL- WATER	Industrial Water	TDS	APHA 2540(C), 23rd Edition
264	CHEMICAL- WATER	Industrial Water	Temperature	APHA 2550(B),23rd Edition
265	CHEMICAL- WATER	Irrigation Water	Bioassay	IS 6582
266	CHEMICAL- WATER	Irrigation Water	Chloride	APHA 4500Cl- 23rd Edition
267	CHEMICAL- WATER	Irrigation Water	COD	APHA 5220 B,23rd Edition
268	CHEMICAL- WATER	Irrigation Water	Fluoride	APHA 4500 F(D), 23rd Edition
269	CHEMICAL- WATER	Irrigation Water	Magnesium	APHA 3500Mg(B),23rd Edition
270	CHEMICAL- WATER	Irrigation Water	Nitrate	APHA 4500 NO3(B), 23rd Edition
271	CHEMICAL- WATER	Irrigation Water	Organic Carbon	Volumetric Method-Walkely & Black
272	CHEMICAL- WATER	Irrigation Water	Phenolic Compound	APHA 5530(C), 23rd Edition
273	CHEMICAL- WATER	Irrigation Water	Phosphate	APHA 4500P(D), 23rd Edition
274	CHEMICAL- WATER	Irrigation Water	Potassium	APHA 3500K (B), 23rd Edition
275	CHEMICAL- WATER	Irrigation Water	Residual Chlorine	APHA 4500 Cl- 23rd Edition

SCOPE OF ACCREDITATION

Laboratory Name : SAWEN PROJECTS AND LABORATORIES PVT. LTD., HALL NO.2 ; 10, LDA COMMERCIAL COMPLEX, VAIBHAV KHAND, GOMTI NAGAR, LUCKNOW, UTTAR PRADESH, INDIA

Accreditation Standard ISO/IEC 17025:2017

Certificate Number TC-5005 **Page No** 15 of 16

Validity 29/12/2022 to 28/12/2024 **Last Amended on** -

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276	CHEMICAL- WATER	Irrigation Water	Salinity	APHA 2540 C, 23rd Edition
277	CHEMICAL- WATER	Irrigation Water	Sodium	APHA 3500Na 23rd Edition
278	CHEMICAL- WATER	Irrigation Water	Sodium Adsorption Ratio(SAR)	USEPA SW-846; Method 6010C, 6020A, 7000B
279	CHEMICAL- WATER	Irrigation Water	Sulfide	APHA 4500S-2(B), 23rd Edition
280	CHEMICAL- WATER	Irrigation Water	Sulphate	APHA 4500-SO(E), 23rd Edition
281	CHEMICAL- WATER	Irrigation Water	TDS	APHA 2540 C, 23rd Edition
282	CHEMICAL- WATER	Irrigation Water	Temperature	APHA 2550(B) 23rd Edition
283	CHEMICAL- WATER	Surface Water	Bioassay	IS 6528
284	CHEMICAL- WATER	Surface Water	Chloride	APHA 4500 Cl- 23rd Edition
285	CHEMICAL- WATER	Surface Water	COD	APHA 5220 B, 23rd Edition
286	CHEMICAL- WATER	Surface Water	Fluoride	APHA 4500 F(D), 23rd Edition
287	CHEMICAL- WATER	Surface Water	Magnesium	APHA 3500Mg(B), 23rd Edition
288	CHEMICAL- WATER	Surface Water	Nitrate	APHA 4500 NO3(B), 23rd Edition
289	CHEMICAL- WATER	Surface Water	Organic Carbon	Volumetric Method-Walkely & Black
290	CHEMICAL- WATER	Surface Water	Phenolic Compound	APHA 5530 C, 23rd Edition
291	CHEMICAL- WATER	Surface Water	Phosphate	APHA 4500 P(D),23rd Edition
292	CHEMICAL- WATER	Surface Water	Potassium	APHA 3500K(B),23rd Edition
293	CHEMICAL- WATER	Surface Water	Residual Chlorine	APHA 4500 Cl- 23rd Edition
294	CHEMICAL- WATER	Surface Water	Salinity	APHA 2540 C, 23rd Edition
295	CHEMICAL- WATER	Surface Water	Sodium	APHA 3500Na, 23rd Edition
296	CHEMICAL- WATER	Surface Water	Sulfide	APHA 4500 S-2(B), 23rd Edition
297	CHEMICAL- WATER	Surface Water	Sulphate	APHA 4500 SO(E), 23rd Edition
298	CHEMICAL- WATER	Surface Water	TDS	APHA 2540 C, 23rd Edition
299	CHEMICAL- WATER	Surface Water	Temperature	APHA 2550(B), 23rd Edition
300	CHEMICAL- WATER	Water for construction purpose	Sulfide	APHA 4500 S-2(B), 23rd Edition
301	CHEMICAL- WATER	Water for Processed Food Industry	Chloride	APHA 4500Cl- 23rd Edition
302	CHEMICAL- WATER	Water for Processed Food Industry	Color	APHA 2120(B),23rd Edition
303	CHEMICAL- WATER	Water for Processed Food Industry	Fluoride	APHA 3500-F, 23rd Edition
304	CHEMICAL- WATER	Water for Processed Food Industry	Magnesium	APHA 3500-Mg(B),23rd Edition

SCOPE OF ACCREDITATION

Laboratory Name :	SAWEN PROJECTS AND LABORATORIES PVT. LTD., HALL NO.2 ; 10, LDA COMMERCIAL COMPLEX, VAIBHAV KHAND, GOMTI NAGAR, LUCKNOW, UTTAR PRADESH, INDIA
Accreditation Standard	ISO/IEC 17025:2017
Certificate Number	TC-5005
Validity	29/12/2022 to 28/12/2024

Last Amended on -

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305	CHEMICAL- WATER	Water for Processed Food Industry	Nitrate	APHA 4500 NO3, 23rd Edition
306	CHEMICAL- WATER	Water for Processed Food Industry	Nitrite Nitrogen	SPL-TP-64
307	CHEMICAL- WATER	Water for Processed Food Industry	pH	APHA 4500H+, 23rd Edition
308	CHEMICAL- WATER	Water for Processed Food Industry	Phenolic Compound as C6H5OH	APHA 5530(C), 23rd Edition
309	CHEMICAL- WATER	Water for Processed Food Industry	Sulphate	APHA 4500-SO(E), 23rd Edition
310	CHEMICAL- WATER	Water for Processed Food Industry	Total hardness	APHA 2340(C),23rd Edition
311	CHEMICAL- WATER	Water for Processed Food Industry	Total Solids	APHA 2540(B)&(E), 23rd Edition
312	CHEMICAL- WATER	Water for Processed Food Industry	Turbidity	APHA 2130(B), 23rd Edition
313	CHEMICAL- WATER	Water for Swimming Pool	Appearance	APHA 2120(B,C,D), 23rd Edition
314	CHEMICAL- WATER	Water for Swimming Pool	Chloride	APHA 4500Cl-, 23rd Edition
315	CHEMICAL- WATER	Water for Swimming Pool	Colour	APHA 2120(B), 23rd Edition
316	CHEMICAL- WATER	Water for Swimming Pool	Free Ammonia	IS 3025; Part-34
317	CHEMICAL- WATER	Water for Swimming Pool	Oxygen Absorbing 4hrs at 27degrees	IS 3328
318	CHEMICAL- WATER	Water for Swimming Pool	pH	APHA 4500H+, 23rd Edition
319	CHEMICAL- WATER	Water for Swimming Pool	Temperature	APHA 2550(B),23rd Edition
320	CHEMICAL- WATER	Water for Swimming Pool	Total Alkalinity	APHA 2320(B), 23rd Edition
321	CHEMICAL- WATER	Water for Swimming Pool	Total Dissolve Solids	APHA 2540(C), 23rd Edition
322	CHEMICAL- WATER	Water for Swimming Pool	Total Residual Chlorine	IS 3025(P-26)
323	CHEMICAL- WATER	Water for Swimming Pool	Turbidity	APHA 2130(B), 23rd Edition