National Accreditation Board for Testing and Calibration Laboratories

SCOPE OF ACCREDITATION

Laboratory Name :	ENVIROCHEM TESTING LAB & RESEARCH CENTRE, PLOT NO. 165, SEC 25, PART II, HUDA, PANIPAT, HARYANA, INDIA		
Accreditation Standard	ISO/IEC 17025:2017		
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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
Permanent Facility				
1	CHEMICAL- ATMOSPHERIC POLLUTION	Ambient Air	Ammonia (NH3)	IS 5182 (P - 25)
2	CHEMICAL- ATMOSPHERIC POLLUTION	Ambient Air	Arsenic (As)	ETL/SOP No. A10
3	CHEMICAL- ATMOSPHERIC POLLUTION	Ambient Air	Benzene	IS 5128 (Part 11)Riv Secound
4	CHEMICAL- ATMOSPHERIC POLLUTION	Ambient Air	Benzo (a) Pyrene (BaP)	IS 5182 (Part 12)
5	CHEMICAL- ATMOSPHERIC POLLUTION	Ambient Air	Carbon Monoxide (CO)	IS 5182 (Part 10) Riv First
6	CHEMICAL- ATMOSPHERIC POLLUTION	Ambient Air	Lead (Pb)	IS 5182 (Part 22)
7	CHEMICAL- ATMOSPHERIC POLLUTION	Ambient Air	Nickel (Ni)	IS 5182 (P - 26)
8	CHEMICAL- ATMOSPHERIC POLLUTION	Ambient Air	Oxides of Nitrogen (NO2)	IS 5182 (Part 6) Riv First
9	CHEMICAL- ATMOSPHERIC POLLUTION	Ambient Air	Ozone (O3)	IS 5182 (Part 9)
10	CHEMICAL- ATMOSPHERIC POLLUTION	Ambient Air	Particulate Matter (PM 2.5)	IS 5182 (P - 24)
11	CHEMICAL- ATMOSPHERIC POLLUTION	Ambient Air	Particulate Matter (PM10) (RSPM)	IS 5182 (Part 23)
12	CHEMICAL- ATMOSPHERIC POLLUTION	Ambient Air	Sulphur Dioxide (SO2)	IS 5182 (Part 2)
13	CHEMICAL- ATMOSPHERIC POLLUTION	DG Stack / Boiler Stack / Process Stack / Exhaust	Hydrocarbons as HC	ETL/ SOP/No. SE08
14	CHEMICAL- ATMOSPHERIC POLLUTION	DG Stack / Boiler Stack / Process Stack / Exhaust	Non-methane Hydrocarbons as NMHC	USEPA (M-25) ETL/SOP/S-08
15	CHEMICAL- ATMOSPHERIC POLLUTION	Illumination (Lux level)	Illumination levels	IS 3646 (Part 1)
16	CHEMICAL- ATMOSPHERIC POLLUTION	Indoor air quality	Benzene	ETL/ SOP/No. IAQ-07
17	CHEMICAL- ATMOSPHERIC POLLUTION	Indoor Air Quality	Carbon Dioxide (as CO2)	ETL/ SOP/No. IAQ-10
18	CHEMICAL- ATMOSPHERIC POLLUTION	Indoor Air Quality	Carbon Monoxide (as CO)	ETL/ SOP/No. IAQ-11

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19	CHEMICAL- ATMOSPHERIC POLLUTION	Indoor Air Quality	Chlorine	ETL/ SOP/No. IAQ02
20	CHEMICAL- ATMOSPHERIC POLLUTION	Indoor Air Quality	Nitrogen Dioxide (NO2)	ETL/ SOP/No. IAQ04
21	CHEMICAL- ATMOSPHERIC POLLUTION	Indoor Air Quality	Oxygen /Ventilation (as O2)	ETL/ SOP/No. IAQ-12
22	CHEMICAL- ATMOSPHERIC POLLUTION	Indoor Air Quality	Relative Humidity	ETL/ SOP/No IAQ-08
23	CHEMICAL- ATMOSPHERIC POLLUTION	Indoor Air Quality	Sulphur Dioxide (SO2)	ETL/ SOP/No. IAQ03
24	CHEMICAL- ATMOSPHERIC POLLUTION	Indoor Air Quality	Temperature	ETL/ SOP/No. IAQ-09
25	CHEMICAL- ATMOSPHERIC POLLUTION	Indoor Air quality	Toluene	ETL/ SOP/No. IAQ-07
26	CHEMICAL- ATMOSPHERIC POLLUTION	Indoor Air Quality	Xylene	ETL/ SOP/No. IAQ-07
27	CHEMICAL- ATMOSPHERIC POLLUTION	Indoor Air Quality (Work Zone)	Total Dust Particles	ETL/SOP/IAQ/01 based on NIOSH-0500
28	CHEMICAL- ATMOSPHERIC POLLUTION	Meteorological Testing (weather monitoring)	Ambient Air Temperature	ETL/SOP/M01 based on CPCB guidelines NAQQS 2003
29	CHEMICAL- ATMOSPHERIC POLLUTION	Meteorological Testing (weather monitoring)	Relative Humidity	ETL/SOP/M01 based on CPCB guidelines NAQQS 2003
30	CHEMICAL- ATMOSPHERIC POLLUTION	Meteorological Testing (weather monitoring)	Wind Direction	ETL/SOP/M01 based on CPCB guidelines NAQQS 2003
31	CHEMICAL- ATMOSPHERIC POLLUTION	Meteorological Testing (weather monitoring)	Wind speed	ETL/SOP/M01 based on CPCB guidelines NAQQS 2003
32	CHEMICAL- ATMOSPHERIC POLLUTION	Noise level	Ambient Noise (Leq dB (A), L max, L min, L-10, L-90)	IS 1989
33	CHEMICAL- ATMOSPHERIC POLLUTION	Source Noise (DG Sets, Boiler, Compressor/ Indoor Noise)	DG Noise	IS 4758
34	CHEMICAL- ATMOSPHERIC POLLUTION	Stack Emission	Carbon Dioxide (CO2)	IS 13270
35	CHEMICAL- ATMOSPHERIC POLLUTION	Stack Emission	Carbon Monoxide (CO)	ETL/SOP No. SE06
36	CHEMICAL- ATMOSPHERIC POLLUTION	Stack Emission	Flow Rate	IS 11255 (Part 3) Riv First
37	CHEMICAL- ATMOSPHERIC POLLUTION	Stack Emission	Oxides of Nitrogen as (NO2)	IS 11255 (Part 7)

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38	CHEMICAL- ATMOSPHERIC POLLUTION	Stack Emission	Oxygen (O2)	IS 13270
39	CHEMICAL- ATMOSPHERIC POLLUTION	Stack Emission	Particulate Matter (PM)	Is 11255 (Part 1)
40	CHEMICAL- ATMOSPHERIC POLLUTION	Stack Emission	Sulphur Dioxide (SO2)	IS 11255 (Part 2)
41	CHEMICAL- POLLUTION & ENVIRONMENT	Effluent water / Sewage Water / Domestic waste	Arsenic as As	IS 3025 (Part 37)
42	CHEMICAL- POLLUTION & ENVIRONMENT	Effluent water / Sewage Water / Domestic waste	Sulphate as SO4	IS 3025 (Part-24)
43	CHEMICAL- POLLUTION & ENVIRONMENT	Effluent Water/ Sewage Water/ Domestic Waste	Aluminium as Al	IS 3025 (Part - 55)
44	CHEMICAL- POLLUTION & ENVIRONMENT	Effluent Water/ Sewage Water/ Domestic Waste	Ammonia as NH3	IS 3025 (Part 34)
45	CHEMICAL- POLLUTION & ENVIRONMENT	Effluent Water/ Sewage Water/ Domestic Waste	Bio-Assay Test (Survival of Fish after first 96 Hours in 100 effluent water)-Qualitative	IS 6582
46	CHEMICAL- POLLUTION & ENVIRONMENT	Effluent Water/ Sewage Water/ Domestic Waste	Biochemical Oxygen Demand (BOD)	IS 3025 (Part 44)
47	CHEMICAL- POLLUTION & ENVIRONMENT	Effluent Water/ Sewage Water/ Domestic Waste	Cadmium as Cd	IS 3025 (Part 41)
48	CHEMICAL- POLLUTION & ENVIRONMENT	Effluent Water/ Sewage Water/ Domestic Waste	Carbon Dioxide as CO2	APHA method 22nd Edition (Part 3500)
49	CHEMICAL- POLLUTION & ENVIRONMENT	Effluent Water/ Sewage Water/ Domestic Waste	Chemical Oxygen Demand (COD)	IS 3025 (Part 58)
50	CHEMICAL- POLLUTION & ENVIRONMENT	Effluent Water/ Sewage Water/ Domestic Waste	Chloride as Cl	IS 3025 (Part 32)
51	CHEMICAL- POLLUTION & ENVIRONMENT	Effluent Water/ Sewage Water/ Domestic Waste	Chromium as Cr (Total)	IS 3025 (Part 52)
52	CHEMICAL- POLLUTION & ENVIRONMENT	Effluent Water/ Sewage Water/ Domestic Waste	Colour	IS 3025 (Part 4)
53	CHEMICAL- POLLUTION & ENVIRONMENT	Effluent Water/ Sewage Water/ Domestic Waste	Copper as Cu	IS 3025 (Part 42)
54	CHEMICAL- POLLUTION & ENVIRONMENT	Effluent Water/ Sewage Water/ Domestic Waste	Cyanide as CN	IS 3025 (Part 27) Sec 1
55	CHEMICAL- POLLUTION & ENVIRONMENT	Effluent Water/ Sewage Water/ Domestic Waste	Dissolved Oxygen	IS 3025 (Part 38)

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56	CHEMICAL- POLLUTION & ENVIRONMENT	Effluent Water/ Sewage Water/ Domestic Waste	Dissolved Phosphate (as P)	IS 3025 (Part 31)
57	CHEMICAL- POLLUTION & ENVIRONMENT	Effluent Water/ Sewage Water/ Domestic Waste	Fluoride (as F)	APHA method 22nd Edition (Part 4500)
58	CHEMICAL- POLLUTION & ENVIRONMENT	Effluent Water/ Sewage Water/ Domestic Waste	Hexavalent Chromium	IS 3025 (Part 52)
59	CHEMICAL- POLLUTION & ENVIRONMENT	Effluent Water/ Sewage Water/ Domestic Waste	Iron as Fe	IS 3025 (Part 53)
60	CHEMICAL- POLLUTION & ENVIRONMENT	Effluent Water/ Sewage Water/ Domestic Waste	Lead as Pb	IS 3025 (Part 47)
61	CHEMICAL- POLLUTION & ENVIRONMENT	Effluent Water/ Sewage Water/ Domestic Waste	Manganese as Mn	APHA Method 22nd Edition (Part 3500)
62	CHEMICAL- POLLUTION & ENVIRONMENT	Effluent Water/ Sewage Water/ Domestic Waste	Mercury as Hg	IS 3025 (Part 48)
63	CHEMICAL- POLLUTION & ENVIRONMENT	Effluent Water/ Sewage Water/ Domestic Waste	MLSS	ETL/SOP/W11
64	CHEMICAL- POLLUTION & ENVIRONMENT	Effluent Water/ Sewage Water/ Domestic Waste	MLVSS	ETL/SOP/W52
65	CHEMICAL- POLLUTION & ENVIRONMENT	Effluent Water/ Sewage Water/ Domestic Waste	Nickel as Ni	IS 3025 (Part 54)
66	CHEMICAL- POLLUTION & ENVIRONMENT	Effluent Water/ Sewage Water/ Domestic Waste	Nitrate Nitrogen as NO3	IS 3025 (Part 34) Sec 1
67	CHEMICAL- POLLUTION & ENVIRONMENT	Effluent Water/ Sewage Water/ Domestic Waste	Oil & Grease	IS 3025 (Part 39)
68	CHEMICAL- POLLUTION & ENVIRONMENT	Effluent Water/ Sewage Water/ Domestic Waste	Oxygen absorbed in 4 hours at 27 degree Celsius	IS 3025 (Part 63)
69	CHEMICAL- POLLUTION & ENVIRONMENT	Effluent Water/ Sewage Water/ Domestic Waste	pH	IS 3025 (Part 11)
70	CHEMICAL- POLLUTION & ENVIRONMENT	Effluent Water/ Sewage Water/ Domestic Waste	Phenolic Compounds (C6H5OH)	IS 3025 (Part 43) Sec 1
71	CHEMICAL- POLLUTION & ENVIRONMENT	Effluent Water/ Sewage Water/ Domestic Waste	Potassium as K	IS 3025 (Part 45)
72	CHEMICAL- POLLUTION & ENVIRONMENT	Effluent Water/ Sewage Water/ Domestic Waste	Settleable Solids	IS 3025 (Part 19)
73	CHEMICAL- POLLUTION & ENVIRONMENT	Effluent Water/ Sewage Water/ Domestic Waste	Silica as SiO2	IS 3025 (Part 35)
74	CHEMICAL- POLLUTION & ENVIRONMENT	Effluent Water/ Sewage Water/ Domestic Waste	Sodium as Na	IS 3025 (Part 45)

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75	CHEMICAL- POLLUTION & ENVIRONMENT	Effluent Water/ Sewage Water/ Domestic Waste	Specific Conductivity	IS 3025 (Part 14)
76	CHEMICAL- POLLUTION & ENVIRONMENT	Effluent Water/ Sewage Water/ Domestic Waste	Sulphide as H2S	IS 3025 (Part 29)
77	CHEMICAL- POLLUTION & ENVIRONMENT	Effluent Water/ Sewage Water/ Domestic Waste	Sulphite (as SO3)	IS 3025 (Part 28)
78	CHEMICAL- POLLUTION & ENVIRONMENT	Effluent Water/ Sewage Water/ Domestic Waste	Temperature	IS 3025 (Part 9)
79	CHEMICAL- POLLUTION & ENVIRONMENT	Effluent Water/ Sewage Water/ Domestic Waste	Total Acidity	IS 3025 (Part 22)
80	CHEMICAL- POLLUTION & ENVIRONMENT	Effluent Water/ Sewage Water/ Domestic Waste	Total Alkalinity as CaCO3	IS 3025 (Part 23)
81	CHEMICAL- POLLUTION & ENVIRONMENT	Effluent Water/ Sewage Water/ Domestic Waste	Total Dissolved Solids	IS 3025 (Part 16)
82	CHEMICAL- POLLUTION & ENVIRONMENT	Effluent Water/ Sewage Water/ Domestic Waste	Total Hardness as CaCO3	IS 3025 (Part 21)
83	CHEMICAL- POLLUTION & ENVIRONMENT	Effluent Water/ Sewage Water/ Domestic Waste	Total Kjeldhal Nitrogen (TKN)	IS 3025 (Part 34)
84	CHEMICAL- POLLUTION & ENVIRONMENT	Effluent Water/ Sewage Water/ Domestic Waste	Total Residual Chlorine as Cl	IS 3025 (Part 26)
85	CHEMICAL- POLLUTION & ENVIRONMENT	Effluent Water/ Sewage Water/ Domestic Waste	Total Suspended Solids	IS 3025 (Part 17)
86	CHEMICAL- POLLUTION & ENVIRONMENT	Effluent Water/ Sewage Water/ Domestic Waste	Turbidity	IS 3025 (Part 10)
87	CHEMICAL- POLLUTION & ENVIRONMENT	Effluent Water/ Sewage Water/ Domestic Waste	Volatile Solids	IS 3025 (Part 18)
88	CHEMICAL- POLLUTION & ENVIRONMENT	Effluent Water/ Sewage Water/ Domestic Waste	Zinc as Zn	IS 3025 (Part 49)
89	CHEMICAL- POLLUTION & ENVIRONMENT	Lubricating oil, used oil/waste oil	Aluminum	ETL/SOP/OIL09 based on USEPA 3031
90	CHEMICAL- POLLUTION & ENVIRONMENT	Lubricating oil, used oil/waste oil	Arsenic	ETL/SOP/OIL03 based on USEPA 3031
91	CHEMICAL- POLLUTION & ENVIRONMENT	Lubricating oil, used oil/waste oil	Cadmium	ETL/SOP/OIL04 based onUSEPA 3031
92	CHEMICAL- POLLUTION & ENVIRONMENT	Lubricating oil, used oil/waste oil	Chromium	ETL/SOP/OIL05 based onUSEPA 3031
93	CHEMICAL- POLLUTION & ENVIRONMENT	Lubricating oil, used oil/waste oil	Iron	ETL/SOP/OIL10 based on USEPA 3031

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94	CHEMICAL- POLLUTION & ENVIRONMENT	Lubricating oil, used oil/waste oil	Lead	ETL/SOP/OIL07 based onUSEPA 3031
95	CHEMICAL- POLLUTION & ENVIRONMENT	Lubricating oil, used oil/waste oil	Mercury	ETL/SOP/OIL11 based on USEPA 3031
96	CHEMICAL- POLLUTION & ENVIRONMENT	Lubricating oil, used oil/waste oil	Moisture	IS 1448 (Part 40)
97	CHEMICAL- POLLUTION & ENVIRONMENT	Lubricating oil, used oil/waste oil	Nickel	UETL/SOP/OIL08 based onSEPA 3031
98	CHEMICAL- POLLUTION & ENVIRONMENT	Lubricating oil, used oil/waste oil	Zinc	ETL/SOP/OIL02 based on USEPA 3031
99	CHEMICAL- POLLUTION & ENVIRONMENT	Lubricating oil,used oil/waste oil	Copper	ETL/SOP/OIL06 based onASTM D 4377
100	CHEMICAL- POLLUTION & ENVIRONMENT	Muncipal Solid waste/Solid waste/Compost	Gross Calorific Value	ETL/SOP/SW/31
101	CHEMICAL- POLLUTION & ENVIRONMENT	Muncipal Solid waste/Solid waste/Compost	Ash Contenet	ETL/SOP/32
102	CHEMICAL- POLLUTION & ENVIRONMENT	Municipal Solid waste/Solid waste/compost	Volatile Matter @850ºC	ETL/SOP/SW/33
103	CHEMICAL- POLLUTION & ENVIRONMENT	Soil	Acidity	ETL/SOP/SL02
104	CHEMICAL- POLLUTION & ENVIRONMENT	Soil	Alkalinity	ETP/SOP/SL03
105	CHEMICAL- POLLUTION & ENVIRONMENT	Soil	Arsenic	ETL/SOP/SL11 based onEPA Method 3050 B, EPA method 200.8, USEPA 6010 B
106	CHEMICAL- POLLUTION & ENVIRONMENT	Soil	Boron as B	ETL/SOP/SL09based on EPA Method 200.8
107	CHEMICAL- POLLUTION & ENVIRONMENT	Soil	Bulk density	ETL/SOP/SL01
108	CHEMICAL- POLLUTION & ENVIRONMENT	Soil	Cadmium as Cd	ETL/SOP/SL12 based on EPA Method 3050 B, EPA method 200.8, USEPA 6010 B
109	CHEMICAL- POLLUTION & ENVIRONMENT	Soil	Cation Exchange Capacity	ETL/SOP/SL21 based on IS 2720 (Part 24)
110	CHEMICAL- POLLUTION & ENVIRONMENT	Soil	Chromium a Cr	ETL/SOP/SL13 based on EPA Method 3050 B, EPA method 200.8, USEPA 6010 B

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111	CHEMICAL- POLLUTION & ENVIRONMENT	Soil	Copper as Cu	ETL/SOP/SL14 based on EPA Method 3050 B, EPA method 200.8, USEPA 6010 B
112	CHEMICAL- POLLUTION & ENVIRONMENT	Soil	Electrical Conductivity	ETL/SOP/SL19 based on IS 14767
113	CHEMICAL- POLLUTION & ENVIRONMENT	Soil	Exchangeable Calcium	ETL/SOP/SL27 based on EPA Method 3050 B, USEPA 6010 B
114	CHEMICAL- POLLUTION & ENVIRONMENT	Soil	Exchangeable Magnesium	ETL/SOP/SL10 based on EPA Method 3050 B, USEPA 6010 B
115	CHEMICAL- POLLUTION & ENVIRONMENT	Soil	Iron as Fe	ETL/SOP/SL15 based on EPA Method 3050 B, EPA method 200.8, USEPA 6010 B
116	CHEMICAL- POLLUTION & ENVIRONMENT	Soil	Lead as Pb	ETL/SOP/SL16 based on EPA method 2050 B, EPA Method 200.8, USEPA 6010 B
117	CHEMICAL- POLLUTION & ENVIRONMENT	Soil	Moisture Content	IS 2720 (Part 2)
118	CHEMICAL- POLLUTION & ENVIRONMENT	Soil	Nickel as Ni	ETL/SOP/SL18 based on EPA Method 3050 B, EPA Method 200.8, USEPA 6010 B
119	CHEMICAL- POLLUTION & ENVIRONMENT	Soil	Organic Matter	IS 2720 (Part 22)
120	CHEMICAL- POLLUTION & ENVIRONMENT	Soil	pH	IS 2720 (Part 26) RA 2021
121	CHEMICAL- POLLUTION & ENVIRONMENT	Soil	Potassium as K	ETL/SOP/SL07 based on USEPA 6010 B, EPA Method 3050 B
122	CHEMICAL- POLLUTION & ENVIRONMENT	Soil	Silica	IS 2720 (Part 25) RA 2020
123	CHEMICAL- POLLUTION & ENVIRONMENT	Soil	Sodium Absorption Ration (SAR)	ETL/SOP/SL20
124	CHEMICAL- POLLUTION & ENVIRONMENT	Soil	Sodium as Na	ETL/SOP/SL06 based on USEPA 6010 B, EPA method 3050 B
125	CHEMICAL- POLLUTION & ENVIRONMENT	Soil	Total Kjeldahl Nitrogen (TKN)	IS 14684 RA 2019
126	CHEMICAL- POLLUTION & ENVIRONMENT	Soil	Total Phosphorous as P	IS 10158: 1982,
127	CHEMICAL- POLLUTION & ENVIRONMENT	Soil	Total Soluble Solid	IS 2720 (Part 21)

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128	CHEMICAL- POLLUTION & ENVIRONMENT	Soil	Water Holding Capacity	ETL/SOP/SL04
129	CHEMICAL- POLLUTION & ENVIRONMENT	Soil	Water Soluble Chloride	IS 6825
130	CHEMICAL- POLLUTION & ENVIRONMENT	Soil	Water Soluble Sulphate	IS 2720 (Part 27)
131	CHEMICAL- POLLUTION & ENVIRONMENT	Soil	Zinc as Zn	ETL/SOP/SL17 based onEPA Method 3050 B, EPA method 200.8, USEPA 6010 B
132	CHEMICAL- POLLUTION & ENVIRONMENT	Solid Waste/ Municipal Solid waste/ Compost	Arsenic (TCLP)	ETL/SOP/SW21.1 b: 2017ased onAPHA 22nd edition 3120 B
133	CHEMICAL- POLLUTION & ENVIRONMENT	Solid Waste/ Municipal Solid waste/ Compost	Acidity	ETL/SOP/SW/28
134	CHEMICAL- POLLUTION & ENVIRONMENT	Solid Waste/ Municipal Solid waste/ Compost	Alkalinity	ETL/SOP/SW/27
135	CHEMICAL- POLLUTION & ENVIRONMENT	Solid Waste/ Municipal Solid waste/ Compost	Arsenic	ETL/SOP/SW21 : 2017 based onEPA method 200.8, EPA Method 3050 B, USEPA 6010 B
136	CHEMICAL- POLLUTION & ENVIRONMENT	Solid Waste/ Municipal Solid waste/ Compost	Boron as B	ETL/SOP/SW05:2017 based onEPA Method 200.8
137	CHEMICAL- POLLUTION & ENVIRONMENT	Solid Waste/ Municipal Solid waste/ Compost	Bulk Density	ETL/SOP/SW/17:2017
138	CHEMICAL- POLLUTION & ENVIRONMENT	Solid Waste/ Municipal Solid waste/ Compost	Cadmium (TCLP)	ETL/SOP/SW18.1 based onAPHA 22nd edition 3120 B
139	CHEMICAL- POLLUTION & ENVIRONMENT	Solid Waste/ Municipal Solid waste/ Compost	Cadmium as Cd	ETL/SOP/SW18 based onEPA method 200.8, EPA Method 3050 B, USEPA 6010 B
140	CHEMICAL- POLLUTION & ENVIRONMENT	Solid Waste/ Municipal Solid waste/ Compost	Calcium	ETL/SOP/SW15 based onEPA Method 3050 B, USEPA 6010 B
141	CHEMICAL- POLLUTION & ENVIRONMENT	Solid Waste/ Municipal Solid waste/ Compost	Chloride	ETL/SOP/SW/12 based on EPA 670/2-74-007
142	CHEMICAL- POLLUTION & ENVIRONMENT	Solid Waste/ Municipal Solid waste/ Compost	Chromium (TCLP)	ETL/SOP/SW19.1 based onAPHA 22nd edition 3120 B
143	CHEMICAL- POLLUTION & ENVIRONMENT	Solid Waste/ Municipal Solid waste/ Compost	Chromium as Cr	ETL/SOP/SW19 based onEPA method 200.8, EPA Method 3050 B, USEPA 6010 B
144	CHEMICAL- POLLUTION & ENVIRONMENT	Solid Waste/ Municipal Solid waste/ Compost	Copper (TCLP)	ETL/SOP/SW20.1 based onAPHA 22nd edition 3120 B

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145	CHEMICAL- POLLUTION & ENVIRONMENT	Solid Waste/ Municipal Solid waste/ Compost	Copper as Cu	ETL/SOP/SW20 based onEPA method 200.8, EPA Method 3050 B, USEPA 6010 B
146	CHEMICAL- POLLUTION & ENVIRONMENT	Solid Waste/ Municipal Solid waste/ Compost	Electrical Conductivity	ETL/SOP/SW/02 base on CPCB manual for Hazardous waste testing
147	CHEMICAL- POLLUTION & ENVIRONMENT	Solid Waste/ Municipal Solid waste/ Compost	Iron (TCLP)	ETL/SOP/SW26.1 based onAPHA 22nd edition 3120 B
148	CHEMICAL- POLLUTION & ENVIRONMENT	Solid Waste/ Municipal Solid waste/ Compost	Iron as Fe	ETL/SOP/SW26 based onEPA Method 200.8, EPA Method 3050 B, USEPA 6010 B
149	CHEMICAL- POLLUTION & ENVIRONMENT	Solid Waste/ Municipal Solid waste/ Compost	Lead (TCLP)	ETL/SOP/SW22.1 based onAPHA 22nd edition 3120 B
150	CHEMICAL- POLLUTION & ENVIRONMENT	Solid Waste/ Municipal Solid waste/ Compost	Lead as Pb	ETL/SOP/SW22 based onEPA method 200.8, EPA Method 3050 B, USEPA 6010 B
151	CHEMICAL- POLLUTION & ENVIRONMENT	Solid Waste/ Municipal Solid waste/ Compost	Magnesium	ETL/SOP/SW16 based onEPA Method 3050 B, USEPA 6010 B
152	CHEMICAL- POLLUTION & ENVIRONMENT	Solid Waste/ Municipal Solid waste/ Compost	Moisture Content	ETL/SOP/SW/09 based on EPA 9001:10
153	CHEMICAL- POLLUTION & ENVIRONMENT	Solid Waste/ Municipal Solid waste/ Compost	Nickel (TCLP)	ETL/SOP/SW24.1 based onAPHA 22nd edition 3120 B
154	CHEMICAL- POLLUTION & ENVIRONMENT	Solid Waste/ Municipal Solid waste/ Compost	Nickel as Ni	ETL/SOP/SW24 based onEPA method 200.8, EPA Method 3050 B, USEPA 6010 B
155	CHEMICAL- POLLUTION & ENVIRONMENT	Solid Waste/ Municipal Solid waste/ Compost	Organic Content	ETL/SOP/SW/04 based on CPCB Manual for hazardous waste testing
156	CHEMICAL- POLLUTION & ENVIRONMENT	Solid Waste/ Municipal Solid waste/ Compost	pH	ETL/SOP/SW/01 based on EPA 9045D
157	CHEMICAL- POLLUTION & ENVIRONMENT	Solid Waste/ Municipal Solid waste/ Compost	Potassium as K	ETL/SOP/SW08 based onEPA method 3050 B, USEPA 6010 B
158	CHEMICAL- POLLUTION & ENVIRONMENT	Solid Waste/ Municipal Solid waste/ Compost	Silica	ETL/SOP/SW/26
159	CHEMICAL- POLLUTION & ENVIRONMENT	Solid Waste/ Municipal Solid waste/ Compost	Sodium as Na	ETL/SOP/SW07 : 2017based onEPA method 3050 B, USEPA 6010 B
160	CHEMICAL- POLLUTION & ENVIRONMENT	Solid Waste/ Municipal Solid waste/ Compost	Solid Content	ETL/SOP/SW/06 based on CPCB manual for Hazardous waster testing

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161	CHEMICAL- POLLUTION & ENVIRONMENT	Solid Waste/ Municipal Solid waste/ Compost	Sulphate	ETL/SOP/SW/13 based on IS 2720
162	CHEMICAL- POLLUTION & ENVIRONMENT	Solid Waste/ Municipal Solid waste/ Compost	Total Kjeldhal Nitrogen (TKN)	ETL/SOP/SW/25
163	CHEMICAL- POLLUTION & ENVIRONMENT	Solid Waste/ Municipal Solid waste/ Compost	Total Phosphorous as P	ETL/SOP/SW30: 2017 based on IS 10158, USEPA 6010 B
164	CHEMICAL- POLLUTION & ENVIRONMENT	Solid Waste/ Municipal Solid waste/ Compost	Zinc (TCLP)	ETL/SOP/SW23.1:2017 based on APHA 22nd edition 3120 B
165	CHEMICAL- POLLUTION & ENVIRONMENT	Solid Waste/ Municipal Solid waste/ Compost	Zinc as Zn	ETL/SOP/SW23 based on EPA method 200.8, EPA Method 3050 B, USEPA 6010 B
166	CHEMICAL- WATER	Construction Water	0.02 N H2SO4 Required for Neutralized 100 mL Sample	IS 3025 (Part 23)
167	CHEMICAL- WATER	Construction Water	0.02 N NaOH Required for Neutralized 100 mL Sample	IS 3025 (Part 22)
168	CHEMICAL- WATER	Construction Water	Chloride as Cl	IS 3025 (Part 32)
169	CHEMICAL- WATER	Construction Water	Inorganic Residue	IS 3025 (Part 18)
170	CHEMICAL- WATER	Construction Water	Organic Residue	IS 3025 (Part 18)
171	CHEMICAL- WATER	Construction Water	pH	IS 3025 (Part 11)
172	CHEMICAL- WATER	Construction Water	Sulphate as SO4	IS 3025 (Part 24)
173	CHEMICAL- WATER	Construction Water	Total Suspended Solids	IS 3025 (Part 17)
174	CHEMICAL- WATER	Drinking water/ Potable Water/ Packaged Drinking Water	Boron as B	IS 3025 (Part 57)
175	CHEMICAL- WATER	Drinking water/ Potable Water/ Packaged Drinking Water	Chloramines as Cl2	IS 3025 (Part 26)
176	CHEMICAL- WATER	Drinking water/ Potable Water/ Packaged Drinking Water	Mercury as Hg	IS 3025 (Part 48)
177	CHEMICAL- WATER	Drinking water/ Potable Water/ Packaged Drinking Water	Nitrate Nitrogen as NO3	IS 3025 (Part 34)
178	CHEMICAL- WATER	Drinking water/ Potable Water/ Packaged Drinking Water	Phosphate as PO4	IS 3025 (Part 31)
179	CHEMICAL- WATER	Drinking water/ Potable Water/ Packaged Drinking Water	Total Residual Chlorine as Cl	IS 3025 (Part 26)
180	CHEMICAL- WATER	Drinking water/ Potable Water/ Packaged Drinking Water	Total Suspended Solids	IS 3025 (Part 17)
181	CHEMICAL- WATER	Drinking Water/Potable water/ Packaged Drinking Water	Aluminum	IS 3025 (Part 55)
182	CHEMICAL- WATER	Drinking Water/Potable water/ Packaged Drinking Water	Ammonia as NH3	IS 3025 (Part 34)
183	CHEMICAL- WATER	Drinking Water/Potable water/ Packaged Drinking Water	Cadmium as Cd	IS 3025 (Part 41)
184	CHEMICAL- WATER	Drinking Water/Potable water/ Packaged Drinking Water	Calcium Hardness as Ca	IS 3025 (Part 40)
185	CHEMICAL- WATER	Drinking Water/Potable water/ Packaged Drinking Water	Chloride as Cl	IS 3025 (Part 32)
186	CHEMICAL- WATER	Drinking Water/Potable water/ Packaged Drinking Water	Colour	IS 3025 (Part 4)

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187	CHEMICAL- WATER	Drinking Water/Potable water/ Packaged Drinking Water	Copper as Cu	IS 3025 (Part 42)
188	CHEMICAL- WATER	Drinking Water/Potable water/ Packaged Drinking Water	Fluoride as F	APHA 22nd Edition (Part 4500)
189	CHEMICAL- WATER	Drinking Water/Potable water/ Packaged Drinking Water	Hexavalent Chromium as Cr (VI)	IS 3025 (Part 52)
190	CHEMICAL- WATER	Drinking Water/Potable water/ Packaged Drinking Water	Iron as Fe	IS 3025 (Part 53)
191	CHEMICAL- WATER	Drinking Water/Potable water/ Packaged Drinking Water	Lead as Pb	IS 3025 (Part 47)
192	CHEMICAL- WATER	Drinking Water/Potable water/ Packaged Drinking Water	Magnesium as Mg	IS 3025 (Part 46)
193	CHEMICAL- WATER	Drinking Water/Potable water/ Packaged Drinking Water	Manganese as Mn	APHA 22nd Editon (Part 3500)
194	CHEMICAL- WATER	Drinking Water/Potable water/ Packaged Drinking Water	Nickel as Ni	IS 3025 (Part 54)
195	CHEMICAL- WATER	Drinking Water/Potable water/ Packaged Drinking Water	Nitrite as NO2	IS 3025 (Part 34)
196	CHEMICAL- WATER	Drinking Water/Potable water/ Packaged Drinking Water	pH	IS 3025 (part 11)
197	CHEMICAL- WATER	Drinking Water/Potable water/ Packaged Drinking Water	Phenol	IS 3025 (Part 43) Sec 1
198	CHEMICAL- WATER	Drinking Water/Potable water/ Packaged Drinking Water	Potassium as K	IS 3025 (Part 45)
199	CHEMICAL- WATER	Drinking Water/Potable water/ Packaged Drinking Water	Silica as SiO2	IS 3025 (Part 35)
200	CHEMICAL- WATER	Drinking Water/Potable water/ Packaged Drinking Water	Sodium as Na	IS 3025 (Part 45)
201	CHEMICAL- WATER	Drinking Water/Potable water/ Packaged Drinking Water	Specific Conductivity	IS 3025 (Part-14)
202	CHEMICAL- WATER	Drinking Water/Potable water/ Packaged Drinking Water	Sulphate as SO4	IS 3025 (Part 24) Sec 1
203	CHEMICAL- WATER	Drinking Water/Potable water/ Packaged Drinking Water	Sulphide as H2S	IS 3025 (Part 29)
204	CHEMICAL- WATER	Drinking Water/Potable water/ Packaged Drinking Water	Temperature	IS 3025 (part 9)
205	CHEMICAL- WATER	Drinking Water/Potable water/ Packaged Drinking Water	Total Acidity	IS 3025 (Part 22)
206	CHEMICAL- WATER	Drinking Water/Potable water/ Packaged Drinking Water	Total Alkalinity as CaCO3	IS 3025 (Part23)
207	CHEMICAL- WATER	Drinking Water/Potable water/ Packaged Drinking Water	Total chromium as Cr	IS 3025 (Part 52)
208	CHEMICAL- WATER	Drinking Water/Potable water/ Packaged Drinking Water	Total Dissolved Solids	IS 3025 (Part 16)
209	CHEMICAL- WATER	Drinking Water/Potable water/ Packaged Drinking Water	Total Hardness as CaCO3	IS 3025 (Part 21)
210	CHEMICAL- WATER	Drinking Water/Potable water/ Packaged Drinking Water	Turbidity	IS 3025 (Part 10)
211	CHEMICAL- WATER	Drinking Water/Potable water/ Packaged Drinking Water	Zinc as Zn	IS 3025 (Part 49)
212	CHEMICAL- WATER	Ground water / Surface Water	Arsenic as As	IS 3025 (Part 37)
213	CHEMICAL- WATER	Ground water/ Surface water	Bicarbonate as CaCO3	IS 3025 (Part 51)
214	CHEMICAL- WATER	Ground Water/ Surface Water	Boron as B	IS 3025 (Part 57)
215	CHEMICAL- WATER	Ground Water/ Surface Water	Cadmium as Cd	IS 3025 (Part 41)
216	CHEMICAL- WATER	Ground water/ Surface Water	Calcium Hardness as Ca	IS 3025 (Part 40)

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217	CHEMICAL- WATER	Ground Water/ Surface Water	Carbon Dioxide as CO2	APHA Method 22nd Edition (Part 4500)
218	CHEMICAL- WATER	Ground Water/ Surface water	Carbonate as CaCO3	IS 3025 (Part 51)
219	CHEMICAL- WATER	Ground Water/ Surface Water	Chloride as Cl	IS 3025 (Part 32)
220	CHEMICAL- WATER	Ground Water/ Surface Water	Colour	IS 3025 (Part 4)
221	CHEMICAL- WATER	Ground Water/ Surface Water	Copper as Cu	IS 3025 (Part 42)
222	CHEMICAL- WATER	Ground Water/ Surface Water	Dissolved Oxygen	IS 3025 (Part 38)
223	CHEMICAL- WATER	Ground Water/ Surface Water	Fluoride as F	APHA method 22nd Edition (Part 4500)
224	CHEMICAL- WATER	Ground Water/ Surface Water	Hexavalent Chromium as Cr (VI)	IS 3025 (Part 52)
225	CHEMICAL- WATER	Ground Water/ Surface Water	Iron as Fe	IS 3025 (Part 53)
226	CHEMICAL- WATER	Ground Water/ Surface Water	Lead as Pb	IS 3025 (Part 47)
227	CHEMICAL- WATER	Ground Water/ Surface Water	Magnesium as Mg	IS 3025 (Part 46)
228	CHEMICAL- WATER	Ground Water/ Surface Water	Manganese as Mn	APHA method 22nd Edition (Part 3500)
229	CHEMICAL- WATER	Ground Water/ Surface Water	Mercury as Hg	IS 3025 (Part 48)
230	CHEMICAL- WATER	Ground Water/ Surface Water	Nickel as Ni	IS 3025 (Part 54)
231	CHEMICAL- WATER	Ground Water/ Surface Water	Nitrate Nitrogen as NO3	IS 3025 (Part 34)
232	CHEMICAL- WATER	Ground Water/ Surface water	pH	IS 3025 (Part 11)
233	CHEMICAL- WATER	Ground Water/ Surface Water	Phenol	IS 3025 (Part 43)
234	CHEMICAL- WATER	Ground Water/ Surface Water	Phosphate as PO4	IS 3025 (Part 31)
235	CHEMICAL- WATER	Ground Water/ Surface Water	Potassium as K	IS 3025 (Part 45)
236	CHEMICAL- WATER	Ground Water/ Surface Water	Silica as SiO2	IS 3025 (Part 35)
237	CHEMICAL- WATER	Ground Water/ Surface Water	Sodium as Na	IS 3025 (Part 45)
238	CHEMICAL- WATER	Ground Water/ Surface Water	Specific Conductivity	IS 3025 (Part 14)
239	CHEMICAL- WATER	Ground Water/ Surface Water	Sulphate as SO4	IS 3025 (Part 24)
240	CHEMICAL- WATER	Ground Water/ Surface Water	Sulphide as H2S	IS 3025 (Part 29)
241	CHEMICAL- WATER	Ground Water/ Surface Water	Temperature	IS 3025 (Part 9)
242	CHEMICAL- WATER	Ground Water/ Surface Water	Total Acidity	IS 3025 (Part 22)
243	CHEMICAL- WATER	Ground Water/ Surface Water	Total Alkalinity as CaCO3	IS 3025 (Part 23)
244	CHEMICAL- WATER	Ground Water/ Surface Water	Total Chromium as Cr	IS 3025 (Part 52)

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245	CHEMICAL- WATER	Ground Water/ Surface water	Total Dissolved Solids	IS 3025 (Part 16)
246	CHEMICAL- WATER	Ground Water/ Surface Water	Total Hardness as CaCO3	IS 3025 (Part 21)
247	CHEMICAL- WATER	Ground Water/ Surface Water	Total Residual Chlorine as Cl	IS 3025 (Part 26)
248	CHEMICAL- WATER	Ground Water/ Surface Water	Total Solids	IS 3025 (Part 15)
249	CHEMICAL- WATER	Ground water/ Surface Water	Turbidity	IS 3025 (Part 10)
250	CHEMICAL- WATER	Ground Water/ Surface Water	Volatile Solids	IS 3025 (Part 18)
251	CHEMICAL- WATER	Ground Water/ Surface Water	Zinc as Zn	IS 3025 (Part 49)
252	CHEMICAL- WATER	Ground water/Surface water	Total Suspended Solids	IS 3025 (Part 17)
253	CHEMICAL- WATER	Potable water / Drinking water / Packaged Drinking water	Arsenic as As	IS 3025 (Part 37)
254	CHEMICAL- WATER	Water for processed food Industry	Arsenic as As	IS 3025 (Part 37):
255	CHEMICAL- WATER	Water for Processed Food Industry	Carbonate Hardness	IS 3025 (Part 51)
256	CHEMICAL- WATER	Water for Processed Food Industry	Chloride as Cl	IS 3025 (Part 32)
257	CHEMICAL- WATER	Water for Processed Food Industry	Colour	IS 3025 (Part 4)
258	CHEMICAL- WATER	Water for Processed Food Industry	Copper as Cu	IS 3025 (Part 42)
259	CHEMICAL- WATER	Water for Processed Food Industry	Cyanide as CN	IS 3025 (Part 27)
260	CHEMICAL- WATER	Water for Processed Food Industry	Fluoride as F	APHA Method 22nd Edition (Part 4500)
261	CHEMICAL- WATER	Water for Processed Food Industry	Hexavalent Chromium as Cr VI	IS 3025 (Part 52)
262	CHEMICAL- WATER	Water for Processed Food Industry	Iron as Fe	IS 3025 (Part 53)
263	CHEMICAL- WATER	Water for Processed Food Industry	Magnesium as Mg	IS 3025 (Part 46)
264	CHEMICAL- WATER	Water for Processed Food Industry	Manganese as Mn	APHA Method 22nd Edition (Part 3500)
265	CHEMICAL- WATER	Water for Processed Food Industry	Nitrate Nitrogen as NO3	IS 3025 (Part 34)
266	CHEMICAL- WATER	Water for Processed Food Industry	pH	IS 3025 (Part 11)
267	CHEMICAL- WATER	Water for Processed Food Industry	Phenol	IS 3025 (Part 43)
268	CHEMICAL- WATER	Water for Processed Food Industry	Sulphate as SO4	IS 3025 (Part 24)
269	CHEMICAL- WATER	Water for Processed Food Industry	Total Alkalinity as CaCO3	IS 3025 (Part 23)
270	CHEMICAL- WATER	Water for Processed Food Industry	Total Hardness as CaCO3	IS 3025 (Part 21)
271	CHEMICAL- WATER	Water for Processed Food Industry	Total Solids	IS 3025 (Part 15)
272	CHEMICAL- WATER	Water for Processed Food Industry	Turbidity	IS 3025 (Part 10)
273	CHEMICAL- WATER	Water for Swimming Pool	Aluminum	IS 3025 (Part 55)

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274	CHEMICAL- WATER	Water for Swimming Pool	Chloride as Cl	IS 3025 (Part 32)
275	CHEMICAL- WATER	Water for Swimming Pool	Colour	IS 3025 (Part 4)
276	CHEMICAL- WATER	Water for Swimming Pool	Iron as Fe	IS 3025 (Part 53)
277	CHEMICAL- WATER	Water for Swimming Pool	Lead as Pb	IS 3025 (Part 47)
278	CHEMICAL- WATER	Water for Swimming Pool	Oxygen Absorbed in 4 Hours at 27 degree Celsius	IS 3025 (Part 63)
279	CHEMICAL- WATER	Water for Swimming Pool	pH	IS 3025 (Part 11)
280	CHEMICAL- WATER	Water for Swimming Pool	Total Alkalinity as CaCO3	IS 3025 (Part 23)
281	CHEMICAL- WATER	Water for Swimming Pool	Total Dissolved Solids	IS 3025 (Part 16)
282	CHEMICAL- WATER	Water for Swimming Pool	Total Residual Chlorine as Cl	IS 3025 (Part 26)
283	CHEMICAL- WATER	Water for Swimming Pool	Turbidity	IS 3025 (Part 10)