National Accreditation Board for Testing and Calibration Laboratories

SCOPE OF ACCREDITATION

Laboratory Name : JYOTI OM CHEMICAL RESEARCH CENTRE PVT. LTD. (ANALYTICAL LABORATORY DIVISION), K-01, 7705/2-4, GIDC ESTATE, ANKLESHWAR, BHARUCH, GUJARAT, 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 5182-25
2	CHEMICAL- ATMOSPHERIC POLLUTION	Ambient air	Carbon disulfide (CS2)	IS 5182 (Part 20)
3	CHEMICAL- ATMOSPHERIC POLLUTION	Ambient air	Chlorine	IS: 5182 (Part 19)
4	CHEMICAL- ATMOSPHERIC POLLUTION	Ambient air	Hydrogen Sulfide (H2S)	IS 5182(P-7)
5	CHEMICAL- ATMOSPHERIC POLLUTION	Ambient air	Nitrogen Dioxide as NO2	IS: 5182 (Part-6)
6	CHEMICAL- ATMOSPHERIC POLLUTION	Ambient air	Ozone	IS 5182-9
7	CHEMICAL- ATMOSPHERIC POLLUTION	Ambient air	Particulate matter -PM 2.5	IS 5182 - 24
8	CHEMICAL- ATMOSPHERIC POLLUTION	Ambient Air	Particulate matter-PM 10	IS: 5182 (Part-23)
9	CHEMICAL- ATMOSPHERIC POLLUTION	Ambient air	Sulphur Dioxide as SO2	IS: 5182 (Part-2)
10	CHEMICAL- ATMOSPHERIC POLLUTION	Ambient air	Total Fluoride	IS: 5182-(P-13)
11	CHEMICAL- ATMOSPHERIC POLLUTION	Stack emission	Carbon Disulphide (CS2)	IS: 11255 (Part-4)
12	CHEMICAL- ATMOSPHERIC POLLUTION	Stack Emission	Oxides of Nitrogen as NOx	IS: 11255 (Part-07)
13	CHEMICAL- ATMOSPHERIC POLLUTION	Stack emission	Ammonia (NH3)	IS 11255 (Part 6)
14	CHEMICAL- ATMOSPHERIC POLLUTION	Stack emission	Hydrogen Sulfide (H2S)	IS: 11255 (Part-4)
15	CHEMICAL- ATMOSPHERIC POLLUTION	Stack Emission	Particulate matter as PM	IS: 11255 (Part-I)
16	CHEMICAL- ATMOSPHERIC POLLUTION	Stack Emission	Sulphur Dioxide as SO2	IS: 11255 (Part-II)
17	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water (Effluents/Sewage)	Copper	3111 B. Direct Air-Acetylene Flame Method APHA 23rd Edition -
18	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water (Effluents/Sewage)	Fixed & volatile solids	2540 E APHA-23rd Edition-:

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19	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water (Effluents/Sewage)	Fluoride	APHA 4500-F- D (APHA 23rd Edition-
20	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water (Effluents/Sewage)	Manganese as (Mn)	APHA 3111 C. Extraction/Air-Acetylene Flame Method APHA 23rd Edition -
21	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water (Effluents/Sewage)	Nickel (Ni)	3111-B 3-16 Direct Air-Acetylene Flame Method (APHA 23rd Edition -
22	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water (Effluents/Sewage)	Sodium absorption ratio (SAR)	IS 11624:
23	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water (Effluents/Sewage)	Zinc (Zn)	3111-B-3-27 Direct Air-Acetylene Flame Method (APHA 23rd Edition -
24	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water (Effluents/Sewage)	Aluminium (Al)	3500 Al-B-Eriochrome Cyanine R Method, APHA 23rd Edition
25	CHEMICAL- POLLUTION & ENVIRONMENT	Hazardous Liquid Waste	Calorific Value	IS 1448 Part-06
26	CHEMICAL- POLLUTION & ENVIRONMENT	Hazardous Solid Waste	Calorific Value	IS 1448 Part-06
27	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water (Effluents/Sewage)	Conductivity	2510-B Potentiometric Method-APHA-23rd Edition-
28	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water (Effluents/Sewage)	Total Kjeldahl Nitrogen as N	4500 N-org, A & B Preliminary Distillation and Titration Method-APHA-23rd Edition-
29	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water (Effluents/Sewage)	Total Solids	2540-B Total Solids dried at 103 °C - 105 °C-APHA-23rd Edition-
30	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water (Effluents/Sewage)	Ammonical Nitrogen	4500–NH3 C: Titrimetric Method-APHA-23rd Edition-
31	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water (Effluents/Sewage)	Bio-assay Test	IS: 6582
32	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water (Effluents/Sewage)	BOD (27@ 3 days)	IS: 3025 (Part - 44)
33	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water (Effluents/Sewage)	Chloride	4500-Cl-B-Argentometric method-APHA-23rd Edition-
34	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water (Effluents/Sewage)	COD	5220 B Open Reflux Method-APHA-23rd Edition-
35	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water (Effluents/Sewage)	Color	2120 C Platinum Cobalt Method-APHA-23rd Edition-

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36	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water (Effluents/Sewage)	Dissolved Oxygen	IS 3025 (Part 38)
37	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water (Effluents/Sewage)	Free residual chlorine	4500 Cl –B Iodometric Method-I- APHA-23rd Edition-
38	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water (Effluents/Sewage)	Iron (as Fe)	3500 – Fe B : Phenanthroline Method-APHA-23rd Edition-
39	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water (Effluents/Sewage)	Lead (Pb)	3111-B 3-12 Direct Air-Acetylene Flame Method (APHA 23rd Edition -
40	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water (Effluents/Sewage)	Oil and Grease	5520 B Liq-Liq Partition Gravimetric Method-APHA-23rd Edition-
41	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water (Effluents/Sewage)	pH	4500 H+ B Electrometric Method-APHA-23rd Edition-
42	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water (Effluents/Sewage)	Phenolic Compounds	APHA 5530 B + D. Direct Photometric Method APHA 23rd Edition -:
43	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water (Effluents/Sewage)	Potassium as K	3500- K – B Flame Emission Photometric Method-APHA-23rd Edition-
44	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water (Effluents/Sewage)	Settleable solids	2540 F:APHA-23rd Edition-:
45	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water (Effluents/Sewage)	Sodium as Na	3500- Na –B Flame Emission Photometric Method-APHA-23rd Edition-
46	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water (Effluents/Sewage)	Sulphate	4500–SO4-2 E: Turbidimetric Method-APHA-23rd Edition-2017) / IS 3025 (Part 24) 1986 , Reaffirmed-
47	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water (Effluents/Sewage)	Sulphide as (S-)	4500 – S-2 F Iodometric Method-APHA-23rd Edition-
48	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water (Effluents/Sewage)	Temperature	2550 B By Thermometer-APHA-23rd Edition-
49	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water (Effluents/Sewage)	Total Dissolved Solids	2540 C Total Dissolved Solid Dried at 180°C-APHA-23rd Edition-
50	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water (Effluents/Sewage)	Total Suspended Solids	2540 D Total Suspended Solids Dried at 103-105°C-APHA-23rd Edition-

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51	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water (Effluents/Sewage)	Turbidity	2130 B: Nephelometric Method-APHA-23rd Edition-
52	CHEMICAL- RESIDUES IN WATER	Drinking Water	Free residual chlorine	4500 Cl –B Iodometric Method-I-APHA-23rd Edition-
53	CHEMICAL- RESIDUES IN WATER	Drinking Water	Sodium as Na	3500- Na –B Flame Emission Photometric Method-APHA-23rd Edition-
54	CHEMICAL- RESIDUES IN WATER	Drinking Water	Aluminium (Al)	3500 Al-B-Eriochrome Cyanine R Method) (APHA 23rd Edition -
55	CHEMICAL- RESIDUES IN WATER	Drinking Water	Boron (B)	4500 -B Curcumin Method APHA-23rd Edition-
56	CHEMICAL- RESIDUES IN WATER	Drinking Water	Cadmium (Cd)	3111 B-3-3 Direct Air-Acetylene Flame Method APHA 23rd Edition -
57	CHEMICAL- RESIDUES IN WATER	Drinking Water	Calcium as Ca	3500- Ca : B EDTA Titrimetric Method-APHA-23rd Edition-
58	CHEMICAL- RESIDUES IN WATER	Drinking Water	Cobalt (Co)	3111-B-3-07 Direct Air-Acetylene Flame Method APHA 23rd Edition -
59	CHEMICAL- RESIDUES IN WATER	Drinking Water	Copper	APHA 3111 B. Direct Air-Acetylene Flame Method (APHA 23rd Edition -
60	CHEMICAL- RESIDUES IN WATER	Drinking Water	Cyanide	4500 CN-E APHA 23rd Edition-
61	CHEMICAL- RESIDUES IN WATER	Drinking Water	Hexavalent Chromium (Cr)	APHA 3500-Cr B. Colorimetric Method APHA 23rd Edition-
62	CHEMICAL- RESIDUES IN WATER	Drinking Water	Iron (as Fe)	3500 – Fe B : Phenanthroline Method-APHA-23rd Edition-
63	CHEMICAL- RESIDUES IN WATER	Drinking Water	Lead (Pb)	3111-B 3-12 Direct Air-Acetylene Flame Method APHA 23rd Edition -
64	CHEMICAL- RESIDUES IN WATER	Drinking Water	Magnesium as Mg	3500 - Mg : B Calculation Method -APHA-23rd Edition-
65	CHEMICAL- RESIDUES IN WATER	Drinking Water	Manganese	3111-B Direct Air-Acetylene Flame Method APHA 23rd Edition-
66	CHEMICAL- RESIDUES IN WATER	Drinking Water	Nickel (Ni)	3111-B 3-16 Direct Air-Acetylene Flame Method APHA 23rd Edition -

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67	CHEMICAL- RESIDUES IN WATER	Drinking Water	Phenolic Compound	APHA 5530 B + D. Direct Photometric Method APHA 23rd Edition -
68	CHEMICAL- RESIDUES IN WATER	Drinking Water	Potassium as K	3500- K – B Flame Emission Photometric Method-APHA-23rd Edition-
69	CHEMICAL- RESIDUES IN WATER	Drinking Water	Selenium	3111-B Direct Air-Acetylene Flame Method APHA 23rd Edition -
70	CHEMICAL- RESIDUES IN WATER	Drinking Water	Silver (Ag)	3111-B-3-22 Direct Air-Acetylene Flame Method APHA 23rd Edition -
71	CHEMICAL- RESIDUES IN WATER	Drinking Water	Total Chromium	APHA 3500-Cr B. Colorimetric Method APHA 23rd Edition -
72	CHEMICAL- RESIDUES IN WATER	Drinking Water	Zinc (Zn)	3111-B-3-27 Direct Air-Acetylene Flame Method APHA 23rd Edition -
73	CHEMICAL- RESIDUES IN WATER	Ground Water	Cadmium (Cd)	3111 B-3-3 Direct Air-Acetylene Flame Method APHA 23rd Edition
74	CHEMICAL- RESIDUES IN WATER	Ground Water	Aluminium (Al)	3500 Al-B-Eriochrome Cyanine R Method) (APHA 23rd Edition
75	CHEMICAL- RESIDUES IN WATER	Ground Water	Arsenic	3111-B Direct Air-Acetylene Flame Method APHA 23rd Edition
76	CHEMICAL- RESIDUES IN WATER	Ground Water	Boron (B)	4500 -B Curcumin Method APHA-23rd Edition
77	CHEMICAL- RESIDUES IN WATER	Ground Water	Calcium as Ca	3500- Ca : B EDTA Titrimetric Method-APHA-23rd Edition
78	CHEMICAL- RESIDUES IN WATER	Ground Water	Cobalt (Co)	3111-B-3-07 Direct Air-Acetylene Flame Method APHA 23rd Edition
79	CHEMICAL- RESIDUES IN WATER	Ground Water	Copper	APHA 3111 B. Direct Air-Acetylene Flame Method (APHA 23rd Edition
80	CHEMICAL- RESIDUES IN WATER	Ground Water	Cyanide	4500 CN-E APHA 23rd Edition
81	CHEMICAL- RESIDUES IN WATER	Ground Water	Free residual chlorine	4500 Cl –B Iodometric Method-I-APHA-23rd Edition

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82	CHEMICAL- RESIDUES IN WATER	Ground Water	Hexavalent Chromium (Cr)	APHA 3500-Cr B. Colorimetric Method APHA 23rd Edition
83	CHEMICAL- RESIDUES IN WATER	Ground Water	Iron (as Fe)	3500 – Fe B : Phenanthroline Method-APHA-23rd Edition
84	CHEMICAL- RESIDUES IN WATER	Ground Water	Lead (Pb)	3111-B 3-12 Direct Air-Acetylene Flame Method APHA 23rd Edition
85	CHEMICAL- RESIDUES IN WATER	Ground Water	Magnesium as Mg	3500 - Mg : B Calculation Method -APHA-23rd Edition
86	CHEMICAL- RESIDUES IN WATER	Ground Water	Manganese	3111-B Direct Air-Acetylene Flame Method APHA 23rd Edition
87	CHEMICAL- RESIDUES IN WATER	Ground Water	Mercury (Hg)	3500 Hg By Mercury Analyser APHA 23rd Edition
88	CHEMICAL- RESIDUES IN WATER	Ground Water	Nickel (Ni)	3111-B 3-16 Direct Air-Acetylene Flame Method APHA 23rd Edition
89	CHEMICAL- RESIDUES IN WATER	Ground Water	Phenolic Compound	APHA 5530 B + D. Direct Photometric Method APHA 23rd Edition
90	CHEMICAL- RESIDUES IN WATER	Ground Water	Potassium as K	3500- K – B Flame Emission Photometric Method-APHA-23rd Edition
91	CHEMICAL- RESIDUES IN WATER	Ground Water	Selenium	3111-B Direct Air-Acetylene Flame Method APHA 23rd Edition
92	CHEMICAL- RESIDUES IN WATER	Ground Water	Sodium as Na	3500- Na –B Flame Emission Photometric Method-APHA-23rd Edition
93	CHEMICAL- RESIDUES IN WATER	Ground Water	Total Chromium	APHA 3500-Cr B. Colorimetric Method APHA 23rd Edition
94	CHEMICAL- RESIDUES IN WATER	Ground Water	Zinc (Zn)	3111-B-3-27 Direct Air-Acetylene Flame Method APHA 23rd Edition
95	CHEMICAL- RESIDUES IN WATER	Ground Water/	Silver (Ag)	3111-B-3-22 Direct Air-Acetylene Flame Method APHA 23rd Edition
96	CHEMICAL- RESIDUES IN WATER	Surface Water	' Boron (B)	4500 -B Curcumin Method APHA-23rd Edition

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97	CHEMICAL- RESIDUES IN WATER	Surface Water	Iron (as Fe)	3500 – Fe B : Phenanthroline Method-APHA-23rd Edition
98	CHEMICAL- RESIDUES IN WATER	Surface Water	Manganese	3111-B Direct Air-Acetylene Flame Method APHA 23rd Edition
99	CHEMICAL- RESIDUES IN WATER	Surface Water	Silver (Ag)	3111-B-3-22 Direct Air-Acetylene Flame Method APHA 23rd Edition
100	CHEMICAL- RESIDUES IN WATER	Surface Water	Aluminium (Al)	3500 Al-B-Eriochrome Cyanine R Method) (APHA 23rd Edition
101	CHEMICAL- RESIDUES IN WATER	Surface Water	Arsenic	3111-B Direct Air-Acetylene Flame Method APHA 23rd Edition
102	CHEMICAL- RESIDUES IN WATER	Surface Water	Cadmium (Cd)	3111 B-3-3 Direct Air-Acetylene Flame Method APHA 23rd Edition
103	CHEMICAL- RESIDUES IN WATER	Surface Water	Calcium as Ca	3500- Ca : B EDTA Titrimetric Method-APHA-23rd Edition
104	CHEMICAL- RESIDUES IN WATER	Surface Water	Cobalt (Co)	3111-B-3-07 Direct Air-Acetylene Flame Method APHA 23rd Edition
105	CHEMICAL- RESIDUES IN WATER	Surface Water	Copper	APHA 3111 B. Direct Air-Acetylene Flame Method (APHA 23rd Edition
106	CHEMICAL- RESIDUES IN WATER	Surface Water	Cyanide	4500 CN-E APHA 23rd Edition
107	CHEMICAL- RESIDUES IN WATER	Surface Water	Free residual chlorine	4500 Cl –B Iodometric Method-I-APHA-23rd Edition
108	CHEMICAL- RESIDUES IN WATER	Surface Water	Hexavalent Chromium (Cr)	APHA 3500-Cr B. Colorimetric Method APHA 23rd Edition
109	CHEMICAL- RESIDUES IN WATER	Surface Water	Lead (Pb)	3111-B 3-12 Direct Air-Acetylene Flame Method APHA 23rd Edition
110	CHEMICAL- RESIDUES IN WATER	Surface Water	Magnesium as Mg	3500 - Mg : B Calculation Method -APHA-23rd Edition
111	CHEMICAL- RESIDUES IN WATER	Surface Water	Mercury (Hg)	3500 Hg By Mercury Analyser APHA 23rd Edition
112	CHEMICAL- RESIDUES IN WATER	Surface Water	Nickel (Ni)	3111-B 3-16 Direct Air-Acetylene Flame Method APHA 23rd Edition

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113	CHEMICAL- RESIDUES IN WATER	Surface Water	Phenolic Compound	APHA 5530 B + D. Direct Photometric Method APHA 23rd Edition
114	CHEMICAL- RESIDUES IN WATER	Surface Water	Potassium as K	3500- K – B Flame Emission Photometric Method-APHA-23rd Edition
115	CHEMICAL- RESIDUES IN WATER	Surface Water	Selenium	3111-B Direct Air-Acetylene Flame Method APHA 23rd Edition
116	CHEMICAL- RESIDUES IN WATER	Surface Water	Sodium as Na	3500- Na –B Flame Emission Photometric Method-APHA-23rd Edition-
117	CHEMICAL- RESIDUES IN WATER	Surface Water	Total Chromium	APHA 3500-Cr B. Colorimetric Method APHA 23rd Edition
118	CHEMICAL- RESIDUES IN WATER	Surface Water	Zinc (Zn)	3111-B-3-27 Direct Air-Acetylene Flame Method APHA 23rd Edition
119	CHEMICAL- SOIL AND ROCK	Agriculture soil	Available Phosphorus	Manual for Soil Testing in India, Department of Agriculture & Corporation, January-
120	CHEMICAL- SOIL AND ROCK	Agriculture soil	Available Sulphur	Manual for Soil Testing in India, Department of Agriculture & Corporation, January-
121	CHEMICAL- SOIL AND ROCK	Agriculture soil	Calcium	Manual for Soil Testing in India, Department of Agriculture & Corporation, January-
122	CHEMICAL- SOIL AND ROCK	Agriculture soil	Calcium Carbonate	Manual for Soil Testing in India, Department of Agriculture & Corporation, January-
123	CHEMICAL- SOIL AND ROCK	Agriculture soil	Chloride	Manual for Soil Testing in India, Department of Agriculture & Corporation, January-
124	CHEMICAL- SOIL AND ROCK	Agriculture soil	Conductivity	IS: 14767 Electrometric method
125	CHEMICAL- SOIL AND ROCK	Agriculture soil	Determination of Water Content	IS: 2720 (Part-II) (Oven drying method Section-I)
126	CHEMICAL- SOIL AND ROCK	Agriculture soil	Magnesium	Manual for Soil Testing in India, Department of Agriculture & Corporation, January-

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127	CHEMICAL- SOIL AND ROCK	Agriculture soil	Nitrate	Manual for Soil Testing in India, Department of Agriculture & Corporation, January-2011. (AAS method)
128	CHEMICAL- SOIL AND ROCK	Agriculture soil	pH	IS: 2720 (Part-26) Electrometric method
129	CHEMICAL- SOIL AND ROCK	Agriculture soil	Potassium	Manual for Soil Testing in India, Department of Agriculture & Corporation, January-
130	CHEMICAL- SOIL AND ROCK	Agriculture soil	Sodium	Manual for Soil Testing in India, Department of Agriculture & Corporation, January-
131	CHEMICAL- SOIL AND ROCK	Agriculture soil	Specific gravity	IS: 2720 (Part-3/Sec-01)
132	CHEMICAL- SOIL AND ROCK	Agriculture soil	Total Available Nitrogen	Manual for Soil Testing in India, Department of Agriculture & Corporation, January-
133	CHEMICAL- SOIL AND ROCK	Agriculture soil	Total Boron	Manual for Soil Testing in India, Department of Agriculture & Corporation, January-
134	CHEMICAL- SOIL AND ROCK	Agriculture soil	Total Copper	Manual for Soil Testing in India, Department of Agriculture & Corporation, January-
135	CHEMICAL- SOIL AND ROCK	Agriculture soil	Total Iron	Manual for Soil Testing in India, Department of Agriculture & Corporation, January-
136	CHEMICAL- SOIL AND ROCK	Agriculture soil	Total Nitrogen	Manual for Soil Testing in India, Department of Agriculture & Corporation, January-
137	CHEMICAL- SOIL AND ROCK	Agriculture soil	Total organic Carbon	Manual for Soil Testing in India, Department of Agriculture & Corporation, January-
138	CHEMICAL- SOIL AND ROCK	Agriculture soil	Total Organic matter	Manual for Soil Testing in India, Department of Agriculture & Corporation, January-
139	CHEMICAL- SOIL AND ROCK	Agriculture soil	Total Soluble Sulphate	Manual for Soil Testing in India, Department of Agriculture & Corporation, January-
140	CHEMICAL- SOIL AND ROCK	Agriculture soil	Total Zinc	Manual for Soil Testing in India, Department of Agriculture & Corporation, January-

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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
141	CHEMICAL- SOLID FUELS	Coal & Coke	Gross Calorific Value	IS 1350 : Part 2
142	CHEMICAL- WATER	Drinking Water	Sodium absorption ratio (SAR)	IS 11624
143	CHEMICAL- WATER	Drinking Water	Conductivity	2510-B Potentiometric Method-APHA-23rd Edition-
144	CHEMICAL- WATER	Drinking Water	Total Solids	2540-B Total Solids dried at 103 °C - 105 °C-APHA-23rd Edition-
145	CHEMICAL- WATER	Drinking Water	Acidity	2310 B: Titration Method-APHA-23rd Edition-
146	CHEMICAL- WATER	Drinking Water	Ammonical Nitrogen	4500–NH3 C: Titrimetric Method-APHA-23rd Edition-
147	CHEMICAL- WATER	Drinking Water	Anionic Surfactant as MBAS	IS 3025 : Part 68 :
148	CHEMICAL- WATER	Drinking Water	BOD (27@ 3 days)	IS: 3025 (Part – 44)
149	CHEMICAL- WATER	Drinking Water	Chloride	4500-Cl-B-Argentometric method-APHA-23rd Edition-
150	CHEMICAL- WATER	Drinking Water	COD	5220 B Open Reflux Method-APHA-23rd Edition-
151	CHEMICAL- WATER	Drinking Water	Color	2120 C Platinum Cobalt Method-APHA-23rd Edition-
152	CHEMICAL- WATER	Drinking Water	Dissolved Oxygen	IS 3025 (Part 38)
153	CHEMICAL- WATER	Drinking Water	Fixed & volatile solids	2540 E APHA-23rd Edition-
154	CHEMICAL- WATER	Drinking Water	Fluoride	APHA 4500-F- D (APHA 23rd Edition -
155	CHEMICAL- WATER	Drinking Water	Nitrite nitrogen	APHA 4500-NO2- B. Colorimetric Method APHA 23rd Edition -
156	CHEMICAL- WATER	Drinking Water	Nitrogen Nitrate (as NO3)	APHA 4500-NO3 B. Ultraviolet Spectrophotometric Screening Method (APHA 23rd Edition -
157	CHEMICAL- WATER	Drinking Water	Oil and Grease	5520 B Liq-Liq Partition Gravimetric Method-APHA-23rd Edition-
158	CHEMICAL- WATER	Drinking Water	pH	4500 H+ B Electrometric Method-APHA-23rd Edition-
159	CHEMICAL- WATER	Drinking Water	Phosphate	4500-P D. Stannous Chloride Method (APHA 23rd Edition -
160	CHEMICAL- WATER	Drinking Water	Settleable solids	2540 F APHA-23rd Edition-:

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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
161	CHEMICAL- WATER	Drinking Water	Silica	4500 SiO2 C. Molybdosilicate Method APHA-23rd Edition-
162	CHEMICAL- WATER	Drinking Water	Sulphate	4500–SO4-2 E: Turbidimetric Method-APHA-23rd Edition-
163	CHEMICAL- WATER	Drinking Water	Sulphide as (S-)	4500 – S-2 F Iodometric Method-APHA-23rd Edition-
164	CHEMICAL- WATER	Drinking Water	Temperature	2550 B By Thermometer-APHA-23rd Edition-
165	CHEMICAL- WATER	Drinking Water	Total Alkalinity	2320 B: Titration Method-APHA-23rd Edition-
166	CHEMICAL- WATER	Drinking Water	Total Dissolved Solids	2540 C Total Dissolved Solid Dried at 180°C-APHA-23rd Edition-
167	CHEMICAL- WATER	Drinking Water	Total Hardness as CaCO3	2340 C: EDTA Titrimetric Method-APHA-23rd Edition-
168	CHEMICAL- WATER	Drinking Water	Total Kjeldahl Nitrogen as N	4500 N-org, A & B Preliminary Distillation and Titration Method-APHA-23rd Edition-
169	CHEMICAL- WATER	Drinking Water	Total Suspended Solids	2540-D-Total Suspended Solids Dried at 103-105°C-APHA-23rd Edition-
170	CHEMICAL- WATER	Drinking Water	Turbidity	2130 B: Nephelometric Method-APHA-23rd Edition-
171	CHEMICAL- WATER	Ground Water	Acidity	2310 B: Titration Method-APHA-23rd Edition-
172	CHEMICAL- WATER	Ground Water	Nitrite nitrogen	APHA 4500-NO2- B. Colorimetric Method APHA 23rd Edition
173	CHEMICAL- WATER	Ground Water	Sulphide as (S-)	4500 – S-2 F Iodometric Method-APHA-23rd Edition
174	CHEMICAL- WATER	Ground Water	Total Solids	2540-B Total Solids dried at 103 °C - 105 °C-APHA-23rd Edition
175	CHEMICAL- WATER	Ground Water	Total Suspended Solids	2540-D-Total Suspended Solids Dried at 103-105°C-APHA-23rd Edition
176	CHEMICAL- WATER	Ground Water	Ammonical Nitrogen	4500–NH3 C: Titrimetric Method-APHA-23rd Edition-
177	CHEMICAL- WATER	Ground Water	Anionic Surfactant as MBAS	IS 3025 : Part 68

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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
178	CHEMICAL- WATER	Ground Water	BOD (27@ 3 days)	IS: 3025 (Part – 44)
179	CHEMICAL- WATER	Ground Water	COD	5220 B Open Reflux Method-APHA-23rd Edition
180	CHEMICAL- WATER	Ground Water	Color	2120 C Platinum Cobalt Method-APHA-23rd Edition-
181	CHEMICAL- WATER	Ground Water	Conductivity	2510-B Potentiometric Method-APHA-23rd Edition-:
182	CHEMICAL- WATER	Ground Water	Dissolved Oxygen	IS 3025 (Part 38)
183	CHEMICAL- WATER	Ground Water	Fixed & volatile solids	2540 E APHA-23rd Edition-
184	CHEMICAL- WATER	Ground Water	Fluoride	APHA 4500-F- D (APHA 23rd Edition
185	CHEMICAL- WATER	Ground Water	Nitrogen Nitrate (as NO3)	APHA 4500-NO3 B. Ultraviolet Spectrophotometric Screening Method (APHA 23rd Edition
186	CHEMICAL- WATER	Ground Water	Oil and Grease	5520 B Liq-Liq Partition Gravimetric Method-APHA-23rd Edition
187	CHEMICAL- WATER	Ground Water	pH	4500 H+ B Electrometric Method-APHA-23rd Edition
188	CHEMICAL- WATER	Ground Water	Phosphate	4500-P D. Stannous Chloride Method (APHA 23rd Edition
189	CHEMICAL- WATER	Ground Water	Settleable solids	2540 F APHA-23rd Edition
190	CHEMICAL- WATER	Ground Water	Silica	4500 SiO2 C. Molybdosilicate Method APHA-23rd Edition
191	CHEMICAL- WATER	Ground Water	Sodium absorption ratio (SAR)	IS 11624
192	CHEMICAL- WATER	Ground Water	Sulphate	4500–SO4-2 E: Turbidimetric Method-APHA-23rd Edition
193	CHEMICAL- WATER	Ground Water	Temperature	2550 B By Thermometer-APHA-23rd Edition
194	CHEMICAL- WATER	Ground Water	Total Dissolved Solids	2540 C Total Dissolved Solid Dried at 180°C-APHA-23rd Edition
195	CHEMICAL- WATER	Ground Water	Total Hardness as CaCO3	2340 C: EDTA Titrimetric Method-APHA-23rd Edition
196	CHEMICAL- WATER	Ground Water	Total Kjeldahl Nitrogen as N	4500 N-org, A & B Preliminary Distillation and Titration Method-APHA-23rd Edition

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197	CHEMICAL- WATER	Ground Water	Turbidity	2130 B: Nephelometric Method-APHA-23rd Edition
198	CHEMICAL- WATER	Ground Water/	Total Alkalinity	2320 B: Titration Method-APHA-23rd Edition
199	CHEMICAL- WATER	Ground Water/	Chloride	4500-Cl-B-Argentometric method-APHA-23rd Edition-
200	CHEMICAL- WATER	Surface Water	Total Dissolved Solids	2540 C Total Dissolved Solid Dried at 180°C-APHA-23rd Edition
201	CHEMICAL- WATER	Surface Water	Acidity	2310 B: Titration Method-APHA-23rd Edition
202	CHEMICAL- WATER	Surface Water	Ammonical Nitrogen	4500–NH3 C: Titrimetric Method-APHA-23rd Edition
203	CHEMICAL- WATER	Surface Water	Anionic Surfactant as MBAS	IS 3025 : Part 68
204	CHEMICAL- WATER	Surface Water	BOD (27@ 3 days)	IS: 3025 (Part – 44)
205	CHEMICAL- WATER	Surface Water	Chloride	4500-Cl-B-Argentometric method-APHA-23rd Edition
206	CHEMICAL- WATER	Surface Water	COD	5220 B Open Reflux Method-APHA-23rd Edition
207	CHEMICAL- WATER	Surface Water	Color	2120 C Platinum Cobalt Method-APHA-23rd Edition
208	CHEMICAL- WATER	Surface Water	Conductivity	2510-B Potentiometric Method-APHA-23rd Edition
209	CHEMICAL- WATER	Surface Water	Dissolved Oxygen	IS 3025 (Part 38)
210	CHEMICAL- WATER	Surface Water	Fixed & volatile solids	2540 E APHA-23rd Edition
211	CHEMICAL- WATER	Surface Water	Fluoride	APHA 4500-F- D (APHA 23rd Edition
212	CHEMICAL- WATER	Surface Water	Nitrite nitrogen	APHA 4500-NO2- B. Colorimetric Method APHA 23rd Edition
213	CHEMICAL- WATER	Surface Water	Nitrogen Nitrate (as NO3)	APHA 4500-NO3 B. Ultraviolet Spectrophotometric Screening Method (APHA 23rd Edition
214	CHEMICAL- WATER	Surface Water	Oil and Grease	5520 B Liq-Liq Partition Gravimetric Method-APHA-23rd Edition
215	CHEMICAL- WATER	Surface Water	pH	4500 H+ B Electrometric Method-APHA-23rd Edition

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216	CHEMICAL- WATER	Surface Water	Phosphate	4500-P D. Stannous Chloride Method (APHA 23rd Edition
217	CHEMICAL- WATER	Surface Water	Settleable solids	2540 F APHA-23rd Edition
218	CHEMICAL- WATER	Surface Water	Silica	4500 SiO2 C. Molybdosilicate Method APHA-23rd Edition
219	CHEMICAL- WATER	Surface Water	Sodium absorption ratio (SAR)	IS 11624
220	CHEMICAL- WATER	Surface Water	Sulphide as (S-)	4500 – S-2 F Iodometric Method-APHA-23rd Edition
221	CHEMICAL- WATER	Surface Water	Temperature	2550 B By Thermometer-APHA-23rd Edition
222	CHEMICAL- WATER	Surface Water	Total Alkalinity	2320 B: Titration Method-APHA-23rd Edition
223	CHEMICAL- WATER	Surface Water	Total Hardness as CaCO3	2340 C: EDTA Titrimetric Method-APHA-23rd Edition
224	CHEMICAL- WATER	Surface Water	Total Kjeldahl Nitrogen as N	4500 N-org, A & B Preliminary Distillation and Titration Method-APHA-23rd Edition
225	CHEMICAL- WATER	Surface Water	Total Solids	2540-B Total Solids dried at 103 °C - 105 °C-APHA-23rd Edition
226	CHEMICAL- WATER	Surface Water	Total Suspended Solids	2540-D-Total Suspended Solids Dried at 103-105°C-APHA-23rd Edition
227	CHEMICAL- WATER	Surface Water	Turbidity	2130 B: Nephelometric Method-APHA-23rd Edition

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Site Facility				
1	CHEMICAL- ATMOSPHERIC POLLUTION	Ambient Noise Level	Ambient noise Level	IS: 9989
2	CHEMICAL- ATMOSPHERIC POLLUTION	Source Noise Level	Source Noise Level	IS 4758