National Accreditation Board for Testing and Calibration Laboratories

SCOPE OF ACCREDITATION

Laboratory Name : CHANDIGARH POLLUTION TESTING LABORATORY, E-126, PHASE-VII, INDUSTRIAL AREA, MOHALI, PUNJAB, 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	BIOLOGICAL- WATER	Drinking water	E.coli	IS1622: Multiple Tube Dilution Method
2	BIOLOGICAL- WATER	Drinking water	Standard Plate Count	IS:1622-3.2
3	BIOLOGICAL- WATER	Drinking water	Total coliforms bacteria	IS 1622, MPN method
4	BIOLOGICAL- WATER	Drinking water	Yeast & Mould	IS 5403
5	BIOLOGICAL- WATER	Ground Water / Surface Water	E. Coli	IS:1622, Multiple Tube Dilution Method
6	BIOLOGICAL- WATER	Ground Water/Surface Water	Fecal Colifroms	IS:1622
7	BIOLOGICAL- WATER	Ground Water/Surface Water	Standard Plate Count	IS:1622-(clause 3.2)
8	BIOLOGICAL- WATER	Ground Water/surface Water	Total Coliform Bacteria	IS:1622, MPN Method
9	BIOLOGICAL- WATER	Ground Water/Surface Water	Yeast & Mould	IS 5403
10	BIOLOGICAL- WATER	Packaged Drinking Water	Aerobic Microbial Count	IS 5402
11	BIOLOGICAL- WATER	Packaged Drinking Water	Coliform	IS: 5401: Part-1
12	BIOLOGICAL- WATER	Packaged Drinking Water	Faecal Streptococci	IS:5887:Part-2
13	BIOLOGICAL- WATER	Packaged Drinking Water	Pseudomonas Aeruginosa	IS:13428 (Annexure-D)
14	BIOLOGICAL- WATER	Packaged Drinking Water	Salnomella	IS:5887:Part-3
15	BIOLOGICAL- WATER	Packaged Drinking Water	Shigella	IS:5887:Part-7
16	BIOLOGICAL- WATER	Packaged Drinking Water	Staphylococcus Aureus	IS:5887:Part-2
17	BIOLOGICAL- WATER	Packaged Drinking Water	Sulphite Reducing Anaerobes	IS:13428 (Annexure-C)
18	BIOLOGICAL- WATER	Packaged Drinking Water	Vibrio Chlolera	IS:5887:Part-5
19	BIOLOGICAL- WATER	Packaged Drinking Water	Vibrio Parahaemolyticus	IS:5887:Part-5
20	BIOLOGICAL- WATER	Packaged Drinking Water	Yeast & Mould	IS:5403
21	CHEMICAL- ATMOSPHERIC POLLUTION	Ambient air	Ammonia (NH3)	Indophenol method, CPCB Guideline,volume-I
22	CHEMICAL- ATMOSPHERIC POLLUTION	Ambient Air	Arsenic(As)	CPCB Guideline,Volume-1
23	CHEMICAL- ATMOSPHERIC POLLUTION	Ambient Air	Benzene (C6H6)	IS 5182(P-11)
24	CHEMICAL- ATMOSPHERIC POLLUTION	Ambient Air	Benzo-a-Pyrene(BaP)	IS 5182 (P-12)
25	CHEMICAL- ATMOSPHERIC POLLUTION	Ambient air	Carbon monoxide	IS 5182 (P-10)

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26	CHEMICAL- ATMOSPHERIC POLLUTION	Ambient air	Lead (Pb)	IS 5182(P-22)
27	CHEMICAL- ATMOSPHERIC POLLUTION	Ambient Air	Nickel (Ni)	CPCB Guideline,Volume-1
28	CHEMICAL- ATMOSPHERIC POLLUTION	Ambient Air	Nitrogen Dioxide (NO2)	IS:5182 (P-6)
29	CHEMICAL- ATMOSPHERIC POLLUTION	Ambient air	Ozone (O3)	IS 5182 (P- 9)
30	CHEMICAL- ATMOSPHERIC POLLUTION	Ambient Air	PM10	IS:5182 (Part-23)
31	CHEMICAL- ATMOSPHERIC POLLUTION	Ambient Air	PM2.5	IS: 5182 (Part-24)
32	CHEMICAL- ATMOSPHERIC POLLUTION	Ambient Air	SPM	IS 5182(P-4)
33	CHEMICAL- ATMOSPHERIC POLLUTION	Ambient Air	Sulphur Dioxide (SO2),	IS 5182 (P-2)
34	CHEMICAL- ATMOSPHERIC POLLUTION	Ambient Noise	Ambient Noise	IS 9989
35	CHEMICAL- ATMOSPHERIC POLLUTION	Stack emission	Acid mist (H2SO4)	US EPA 8A
36	CHEMICAL- ATMOSPHERIC POLLUTION	Stack emission	Acid Mist (HCl)	US EPA 26A
37	CHEMICAL- ATMOSPHERIC POLLUTION	Stack Emission	Carbon Dioxide	IS:13720 (By Orsat)
38	CHEMICAL- ATMOSPHERIC POLLUTION	Stack emission	Carbon monoxide(CO)	IS : 13720
39	CHEMICAL- ATMOSPHERIC POLLUTION	Stack emission	Fluoride	IS 11255 Part-5
40	CHEMICAL- ATMOSPHERIC POLLUTION	Stack emission	Nitrogen Dioxide	IS- 11255 (Part-7)
41	CHEMICAL- ATMOSPHERIC POLLUTION	Stack emission	Oxygen	IS : 13720
42	CHEMICAL- ATMOSPHERIC POLLUTION	Stack emission	Particulate Matter(PM)	IS 11255 (Part-1)
43	CHEMICAL- ATMOSPHERIC POLLUTION	Stack emission	Sulphur Dioxide	IS- 11255 (Part-1)
44	CHEMICAL- POLLUTION & ENVIRONMENT	Soil	Available Nitrogen	Lab SOP No. SP 53

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45	CHEMICAL- POLLUTION & ENVIRONMENT	Soil	Available Phosphorus	Lab SOP No. SP 51
46	CHEMICAL- POLLUTION & ENVIRONMENT	Soil	Available Potassium	Lab SOP No. SP 49
47	CHEMICAL- POLLUTION & ENVIRONMENT	Soil	Bulk Density	IS:2720 (P-3)
48	CHEMICAL- POLLUTION & ENVIRONMENT	Soil	Conductivity	IS : 14767
49	CHEMICAL- POLLUTION & ENVIRONMENT	Soil	Moisture Content	IS:2720 (P-2)
50	CHEMICAL- POLLUTION & ENVIRONMENT	Soil	Organic matter	IS: 2720 (Part-22)
51	CHEMICAL- POLLUTION & ENVIRONMENT	Soil	pH	IS 2720 (P-26)
52	CHEMICAL- POLLUTION & ENVIRONMENT	Soil	Soil Texture	Lab SOP No.49
53	CHEMICAL- POLLUTION & ENVIRONMENT	Soil/Sediments	Arsenic	USEPA-3050-B-(Acid Digestion followed by AAS Hydride Method)
54	CHEMICAL- POLLUTION & ENVIRONMENT	Soil/Sediments	Cadmium	USEPA-3050-B
55	CHEMICAL- POLLUTION & ENVIRONMENT	Soil/Sediments	Chromium	USEPA-3050-B
56	CHEMICAL- POLLUTION & ENVIRONMENT	Soil/Sediments	Copper	USEPA-3050-B
57	CHEMICAL- POLLUTION & ENVIRONMENT	Soil/Sediments	Iron	USEPA-3050-B
58	CHEMICAL- POLLUTION & ENVIRONMENT	Soil/Sediments	Lead	USEPA-3050-B
59	CHEMICAL- POLLUTION & ENVIRONMENT	Soil/Sediments	Manganese	USEPA-3050-B
60	CHEMICAL- POLLUTION & ENVIRONMENT	Soil/Sediments	Mercury	USEPA-3050-B (Acid Digestion followed by AAS Hydride Method)
61	CHEMICAL- POLLUTION & ENVIRONMENT	Soil/Sediments	Nickel	USEPA-3050-B
62	CHEMICAL- POLLUTION & ENVIRONMENT	Soil/Sediments	Sodium	Lab SOP No. 49

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63	CHEMICAL- POLLUTION & ENVIRONMENT	Soil/Sediments	Zinc	USEPA-3050-B
64	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water	Aluminium	IS:3025:P-55
65	CHEMICAL- POLLUTION & ENVIRONMENT	Waste water	Ammonical Nitrogen as N	IS-3025 (Part-34)
66	CHEMICAL- POLLUTION & ENVIRONMENT	Waste water	Bio assay Test	IS:6582 (Part 2)
67	CHEMICAL- POLLUTION & ENVIRONMENT	waste water	Boron as B	IS 3025 (P-57)
68	CHEMICAL- POLLUTION & ENVIRONMENT	Waste water	Cadmium as Cd	IS 3025 (P-41)
69	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water	Calcium	IS:3025: P-40
70	CHEMICAL- POLLUTION & ENVIRONMENT	Waste water	Chemical Oxygen Demand	IS 3025 (P-58)
71	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water	Chloride	IS:3025:P-32
72	CHEMICAL- POLLUTION & ENVIRONMENT	Waste water	Color , Hazen Unit	IS 3025 (P-4)
73	CHEMICAL- POLLUTION & ENVIRONMENT	Waste water	Copper as Cu	IS 3025 (P-42)
74	CHEMICAL- POLLUTION & ENVIRONMENT	Waste water	Dissolved Oxygen	IS 3025 (P-38)
75	CHEMICAL- POLLUTION & ENVIRONMENT	Waste water	Fluoride as F	IS 3025 (P-60)
76	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water	Free Residual Chlorine as Cl2	IS 3025 (P-25)
77	CHEMICAL- POLLUTION & ENVIRONMENT	Waste water	Hexa Chromium as Cr6+	IS 3025 (P-52)
78	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water	Inorganic (FDS)	IS:3025:P-18
79	CHEMICAL- POLLUTION & ENVIRONMENT	Waste water	Iron as Fe	IS 3025 (Part -53)
80	CHEMICAL- POLLUTION & ENVIRONMENT	Waste water	Lead as Pb	IS 3025 (P-47)
81	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water	Magnesium	IS:3025:P-46

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82	CHEMICAL- POLLUTION & ENVIRONMENT	Waste water	Manganese as Mn	IS 3025 (P-53)
83	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water	Mercury	IS:3025: P-48
84	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water	Mixed Liquor Suspended Solids	IS:3025:P-18
85	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water	Mixed Liquor Volatile Solids	IS:3025:P-18
86	CHEMICAL- POLLUTION & ENVIRONMENT	waste water	Nickel as Ni	IS 3025 (P-54)
87	CHEMICAL- POLLUTION & ENVIRONMENT	Waste water	Nitrate as NO3	IS-3025 (P-34)
88	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water	Nitrite	IS:3025:P-34
89	CHEMICAL- POLLUTION & ENVIRONMENT	Waste water	Oil & grease	IS 3025 (P-39)
90	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water	Organic Solids (VDS)	IS: 3025:Part-18
91	CHEMICAL- POLLUTION & ENVIRONMENT	Waste water	pH	IS 3025 (P-11)
92	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water	Phenolic Compounds	IS: 3025:P-43
93	CHEMICAL- POLLUTION & ENVIRONMENT	Waste water	Phosphate as PO4	IS 3025 (P-31)
94	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water	Potassium	IS: 3025:P-45
95	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water	Silver	IS:13428: Annexure-J
96	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water	Sodium	IS:3025:P-45
97	CHEMICAL- POLLUTION & ENVIRONMENT	Waste water	Specific Conductance	IS 3025 (P-14)
98	CHEMICAL- POLLUTION & ENVIRONMENT	Waste water	Sulphate as SO4	IS 3025 (P-24)
99	CHEMICAL- POLLUTION & ENVIRONMENT	Waste water	Temperature	IS 3025 (P-9)
100	CHEMICAL- POLLUTION & ENVIRONMENT	Waste water	Total Chromium as Cr	IS 3025 (P-52)

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101	CHEMICAL- POLLUTION & ENVIRONMENT	Waste water	Total Dissolved Solid	IS 3025 (P-16)
102	CHEMICAL- POLLUTION & ENVIRONMENT	Waste water	Total Kjeldhal Nitrogen as N	IS-3025 (Part-34)
103	CHEMICAL- POLLUTION & ENVIRONMENT	Waste water	Total Suspended Solids	IS 3025 (P-17)
104	CHEMICAL- POLLUTION & ENVIRONMENT	Waste water	Zinc as Zn	IS 3025 (P-49)
105	CHEMICAL- POLLUTION & ENVIRONMENT	Wastewater	BOD, 3 Days at 27°C	IS 3025 (P-44)
106	CHEMICAL- RESIDUES IN WATER	Drinking Water	Aluminium	IS:3025:P-55
107	CHEMICAL- RESIDUES IN WATER	Drinking Water	Barium	IS:15302
108	CHEMICAL- RESIDUES IN WATER	Drinking Water	Boron	IS:3025:P-57
109	CHEMICAL- RESIDUES IN WATER	Drinking Water	Iron as Fe	IS 3025 (P-53)
110	CHEMICAL- RESIDUES IN WATER	Drinking Water	Mercury	IS:3025:P-48
111	CHEMICAL- RESIDUES IN WATER	Drinking Water	Silver	IS:13428: Annexure-J:
112	CHEMICAL- RESIDUES IN WATER	Ground water	Boron as B	IS 3025 (P-57)
113	CHEMICAL- RESIDUES IN WATER	Ground Water	Hexavalent Chromium	IS 3025: Part 52
114	CHEMICAL- RESIDUES IN WATER	Ground Water/ Drinking Water	Edrin	USEPA Method 508
115	CHEMICAL- RESIDUES IN WATER	Ground Water/ Drinking Water	Edrin Aldehyde	USEPA Method 508
116	CHEMICAL- RESIDUES IN WATER	Ground Water/ Drinking Water	Endosulfan I (alpha)	USEPA Method 508
117	CHEMICAL- RESIDUES IN WATER	Ground Water/ Drinking Water	Endosulfan II (beta)	USEPA Method 508
118	CHEMICAL- RESIDUES IN WATER	Ground Water/ Drinking Water	Endosulfan Sulfate	USEPA Method 508
119	CHEMICAL- RESIDUES IN WATER	Ground Water/ Drinking Water	Ethion	USEPA Method 8141A

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120	CHEMICAL- RESIDUES IN WATER	Ground Water/ Drinking Water	gamma HCH	USEPA Method 508
121	CHEMICAL- RESIDUES IN WATER	Ground Water/ Drinking Water	Heptachlor	USEPA Method 508
122	CHEMICAL- RESIDUES IN WATER	Ground Water/ Drinking Water	Heptachlorepoxide B	USEPA Method 508
123	CHEMICAL- RESIDUES IN WATER	Ground Water/ Drinking Water	Molybdenum	IS:3025:P-2
124	CHEMICAL- RESIDUES IN WATER	Ground Water/ Drinking Water/Packaged Drinking Water	Arsenic	IS3025:P-37
125	CHEMICAL- RESIDUES IN WATER	Ground Water/ Drinking Water/Packaged Drinking Water	Cadmium as Cd	IS 3025 (P-41)
126	CHEMICAL- RESIDUES IN WATER	Ground Water/ Drinking Water/Packaged Drinking Water	Copper as Cu	IS 3025 (P-42)
127	CHEMICAL- RESIDUES IN WATER	Ground Water/ Drinking Water/Packaged Drinking Water	Iron as Fe	IS 3025 (P-53)
128	CHEMICAL- RESIDUES IN WATER	Ground Water/ Drinking Water/Packaged Drinking Water	Lead as Pb	IS 3025 P-47 (a) AAS Direct
129	CHEMICAL- RESIDUES IN WATER	Ground Water/ Drinking Water/Packaged Drinking Water	Manganese as Mn	IS 3025 (P-59)
130	CHEMICAL- RESIDUES IN WATER	Ground Water/ Drinking Water/Packaged Drinking Water	Nickel as Ni	IS 3025 P-54 (b) AAS method
131	CHEMICAL- RESIDUES IN WATER	Ground Water/ Drinking Water/Packaged Drinking Water	Selenium	IS 3025 (P-56)
132	CHEMICAL- RESIDUES IN WATER	Ground Water/ Drinking Water/Packaged Drinking Water	Total Chromium as Cr	IS 3025 P-52 (b) AAS method
133	CHEMICAL- RESIDUES IN WATER	Ground Water/ Drinking Water/Packaged Drinking Water	Zinc as Zn	IS 3025 P-49(II) AAS direct
134	CHEMICAL- RESIDUES IN WATER	Packaged Drinking Water	Aluminium	IS:3025:P-55
135	CHEMICAL- RESIDUES IN WATER	Packaged Drinking Water	Antimony	IS:15303
136	CHEMICAL- RESIDUES IN WATER	Packaged Drinking Water	Barium	IS:15302
137	CHEMICAL- RESIDUES IN WATER	Packaged Drinking Water	Mercury	IS:3025:P-48
138	CHEMICAL- RESIDUES IN WATER	Packaged Drinking Water	Silver	IS: 13428:Annexure-J

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139	CHEMICAL- RESIDUES IN WATER	Surface water	Boron as B	IS 3025 (P-57)
140	CHEMICAL- RESIDUES IN WATER	Surface Water	Hexavalent Chromium	IS:3025:P-52
141	CHEMICAL- RESIDUES IN WATER	Waste Water	Tin	APHA:3111B: 23rd Edition
142	CHEMICAL- RESIDUES IN WATER	Water	4,4-DDD	USEPA Method 508
143	CHEMICAL- RESIDUES IN WATER	Water	4,4-DDE	USEPA Method 508
144	CHEMICAL- RESIDUES IN WATER	Water	4.4-DDT	USEPA Method 508
145	CHEMICAL- RESIDUES IN WATER	Water	Aldrin	USEPA Method 508
146	CHEMICAL- RESIDUES IN WATER	water	alpha HCH	USEPA Method No.508
147	CHEMICAL- RESIDUES IN WATER	water	beta HCH	USEPA Method 508
148	CHEMICAL- RESIDUES IN WATER	Water	Butachlor	USEPA Method 525.2
149	CHEMICAL- RESIDUES IN WATER	Water	Delta HCH	USEPA Method 508
150	CHEMICAL- RESIDUES IN WATER	water	delta HCH	USEPA Method 508
151	CHEMICAL- RESIDUES IN WATER	Water	Dieldrin	USEPA Method 508
152	CHEMICAL- WATER	construction Water	Acidity	IS 3025(Part 22)
153	CHEMICAL- WATER	Construction Water	Alkalinity	IS 3025 (P-23)
154	CHEMICAL- WATER	Construction water	Chloride as (Cl)	IS 3025 (P-32)
155	CHEMICAL- WATER	Construction water	Inorganic Solids(FDS)	IS 3025 (P-18)
156	CHEMICAL- WATER	Construction water	Organic Solids (VDS)	IS 3025(Part 18)
157	CHEMICAL- WATER	Construction water	pH	IS 3025 (P-11)
158	CHEMICAL- WATER	Construction water	Sulphate as SO4	IS 3025 P-24
159	CHEMICAL- WATER	Construction Water	Suspended Matter	IS 3025 (P-17)
160	CHEMICAL- WATER	Drinking water	Ammonia as Total Ammonia-N	IS-3025 P-34
161	CHEMICAL- WATER	Drinking Water	Anionic Detergent	IS:13428: Annexure-J

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162	CHEMICAL- WATER	Drinking Water	Calcium as Ca	IS 3025 (P-40)
163	CHEMICAL- WATER	Drinking Water	Chloride as Cl	IS 3025 (P-32)
164	CHEMICAL- WATER	Drinking Water	Colour	IS:3025:P-4
165	CHEMICAL- WATER	Drinking Water	Cyanide	IS:3025:P-27
166	CHEMICAL- WATER	Drinking water	Fluoride as F	IS 3025 (P-60)
167	CHEMICAL- WATER	Drinking Water	Free Residual Chlorine as Cl2	IS 3025 (P-26)
168	CHEMICAL- WATER	Drinking Water	Magnesium as Mg	IS 3025 (P-46)
169	CHEMICAL- WATER	Drinking Water	Mineral Oil	IS:3025:P-29
170	CHEMICAL- WATER	Drinking Water	Nitrate as NO3	IS 3025 (P-34)
171	CHEMICAL- WATER	Drinking Water	Odour	IS:3025:P-5
172	CHEMICAL- WATER	Drinking Water	pH	IS 3025 (P-11)
173	CHEMICAL- WATER	Drinking water	Phenols as C6H5OH	IS 3025 (P-43)
174	CHEMICAL- WATER	Drinking Water	Sulphate as SO4	IS 3025 (P-24)
175	CHEMICAL- WATER	Drinking Water	Sulphide	IS:3025:P-29
176	CHEMICAL- WATER	Drinking Water	Taste	IS:3025:P-8
177	CHEMICAL- WATER	Drinking Water	Total Alkalinity as CaCO3	IS 3025 (P-23)
178	CHEMICAL- WATER	Drinking Water	Total Dissolved Solids	IS 3025 (P-16)
179	CHEMICAL- WATER	Drinking Water	Total Hardness as CaCO3	IS 3025 (P-21)
180	CHEMICAL- WATER	Drinking Water	Turbidity	IS 3025 (P-10)
181	CHEMICAL- WATER	Ground Water	Free Residual Chlorine as Cl2	IS 3025 (P-26)
182	CHEMICAL- WATER	Ground Water	Acidity	IS 3025 (P-22)
183	CHEMICAL- WATER	Ground water	Ammonical Nitrogen as N	IS-3025 (Part-34)
184	CHEMICAL- WATER	Ground water	BOD @ 27 degree celsius	IS 3025 (P-44): 3 Day
185	CHEMICAL- WATER	Ground water	Calcium as Ca	IS 3025 (P-40)
186	CHEMICAL- WATER	Ground Water	Chloride as Cl	IS 3025 (P-32)
187	CHEMICAL- WATER	Ground Water	COD	IS 3025 (P-58)
188	CHEMICAL- WATER	Ground Water	Color	IS 3025 (P-4)
189	CHEMICAL- WATER	Ground Water	Dissolved Oxygen	IS 3025 (P-38)
190	CHEMICAL- WATER	Ground Water	Fluoride as F	IS 3025 (P-60)
191	CHEMICAL- WATER	Ground Water	Magnesium as Mg	IS 3025 (P-46)

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192	CHEMICAL- WATER	Ground Water	Nitrate as NO3	IS-3025 (P-34)
193	CHEMICAL- WATER	Ground Water	Oil & grease	IS 3025 (P-39)
194	CHEMICAL- WATER	Ground Water	pH	IS 3025 (P-11)
195	CHEMICAL- WATER	Ground Water	Phenols as C6H5OH	IS 3025 (P-43)
196	CHEMICAL- WATER	Ground Water	Phosphate as P	IS 3025 (P-31)
197	CHEMICAL- WATER	Ground Water	Potassium as K	IS 3025 (P-45)
198	CHEMICAL- WATER	Ground Water	Sodium as Na	IS 3025 (P-45)
199	CHEMICAL- WATER	Ground Water	Specific Conductance	IS 3025 (P-14)
200	CHEMICAL- WATER	Ground water	Sulphate as SO4	IS 3025 (P-24)
201	CHEMICAL- WATER	Ground Water	Temperature	IS 3025 (P-9)
202	CHEMICAL- WATER	Ground Water	Total Alkalinity as CaCo3	IS 3025 (P-23)
203	CHEMICAL- WATER	Ground water	Total Dissolved Solids	IS 3025 (P-16)
204	CHEMICAL- WATER	Ground water	Total Hardness as CaCO3	IS 3025 (P-21)
205	CHEMICAL- WATER	Ground water	Total Suspended Solid	IS 3025 (P-17)
206	CHEMICAL- WATER	Ground Water	Turbidity	IS 3025 (P-10)
207	CHEMICAL- WATER	Packaged Drinking Water	Alkalinity as HCO3	IS 3025 (P-23)
208	CHEMICAL- WATER	Packaged Drinking Water	Anionic Detergent	IS:13428:Annexure-K
209	CHEMICAL- WATER	Packaged Drinking Water	Borates	IS:13428:Annexure-H
210	CHEMICAL- WATER	Packaged Drinking Water	Calcium as Ca	IS 3025 (P-40)
211	CHEMICAL- WATER	Packaged Drinking Water	Chloride as Cl	IS 3025 (P-32)
212	CHEMICAL- WATER	Packaged Drinking Water	Colour	IS 3025 (P-4)
213	CHEMICAL- WATER	Packaged Drinking Water	Cyanide	IS:3025:P-27
214	CHEMICAL- WATER	Packaged Drinking Water	Fluoride as F	IS 3025 (P-60)
215	CHEMICAL- WATER	Packaged Drinking Water	Magnesium as Mg	IS 3025 (P-46)
216	CHEMICAL- WATER	Packaged Drinking Water	Mineral oil	IS:3025:P-39
217	CHEMICAL- WATER	Packaged Drinking Water	Nitrate	IS 3025 (P-34)
218	CHEMICAL- WATER	Packaged Drinking Water	Nitrite	IS:3025:P-34
219	CHEMICAL- WATER	Packaged Drinking Water	Odour	IS 3025 (P-5)
220	CHEMICAL- WATER	Packaged Drinking Water	pH	IS 3025 P-11
221	CHEMICAL- WATER	Packaged Drinking Water	Phenolic Compounds as C6H5OH	IS 3025 (P-43)

SCOPE OF ACCREDITATION

Laboratory Name : CHANDIGARH POLLUTION TESTING LABORATORY, E-126, PHASE-VII, INDUSTRIAL AREA, MOHALI, PUNJAB, INDIA

Accreditation Standard ISO/IEC 17025:2017

Certificate Number TC-6728 **Page No** 11 of 12

Validity 09/11/2022 to 08/11/2024 **Last Amended on** 18/01/2023

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
222	CHEMICAL- WATER	Packaged Drinking Water	Residual Free Chlorine	IS:3025:P-26
223	CHEMICAL- WATER	Packaged Drinking Water	Sodium as Na	IS 3025 (P-45)
224	CHEMICAL- WATER	Packaged Drinking Water	Sulphate as SO4	IS 3025
225	CHEMICAL- WATER	Packaged Drinking Water	Sulphide	IS:3025:P-29
226	CHEMICAL- WATER	Packaged Drinking Water	Taste	IS 3025 (P-8)
227	CHEMICAL- WATER	Packaged Drinking Water	Total Dissolved Solids	IS 3025 (P-16)
228	CHEMICAL- WATER	Packaged Drinking Water	Turbidity	IS 3025 (P-10)
229	CHEMICAL- WATER	Surface Water	Acidity	IS 3025 (P-22)
230	CHEMICAL- WATER	Surface water	Ammonical Nitrogen as N	IS-3025 (P-34)
231	CHEMICAL- WATER	Surface Water	BOD	IS 3025 (P-44) ,3 Day
232	CHEMICAL- WATER	Surface water	Calcium as Ca	IS 3025 (P-40)
233	CHEMICAL- WATER	Surface Water	Chloride as Cl	IS 3025 (P-32)
234	CHEMICAL- WATER	Surface Water	COD	IS 3025 (P-58)
235	CHEMICAL- WATER	Surface Water	Color , Hazen Unit	IS 3025 (P-4)
236	CHEMICAL- WATER	Surface Water	Dissolved Oxygen	IS 3025 (P-38)
237	CHEMICAL- WATER	Surface Water	Fluoride as F	IS 3025 (P-60)
238	CHEMICAL- WATER	Surface Water	Free Residual Chlorine as Cl2	IS 3025 (P-26)
239	CHEMICAL- WATER	Surface water	Magnesium as Mg	IS 3025 (P-46)
240	CHEMICAL- WATER	Surface Water	Nitrate as NO3	IS 3025 (P-34)
241	CHEMICAL- WATER	Surface Water	Oil & grease	IS 3025 (P-39)
242	CHEMICAL- WATER	Surface Water	pH	IS 3025 (P-11)
243	CHEMICAL- WATER	Surface Water	Phenols as C6H5OH	IS 3025 (P-43)
244	CHEMICAL- WATER	Surface water	Phosphate as P	IS 3025 (P-31)
245	CHEMICAL- WATER	Surface water	Potassium as K	IS 3025 (P-45)
246	CHEMICAL- WATER	Surface water	Silica as SiO2	IS 3025 (P-35)
247	CHEMICAL- WATER	Surface water	Sodium as Na	IS 3025 (P-45)
248	CHEMICAL- WATER	Surface water	Specific Conductance	IS 3025 (P-14)
249	CHEMICAL- WATER	Surface Water	Sulphate as SO4	IS 3025 (P-24)
250	CHEMICAL- WATER	Surface Water	Temperature	IS 3025 (P-9)
251	CHEMICAL- WATER	Surface Water	Total Alkalinity	IS 3025 (P-23)

SCOPE OF ACCREDITATION

Laboratory Name :	CHANDIGARH POLLUTION TESTING LABORATORY, E-126, PHASE-VII, INDUSTRIAL AREA, MOHALI, PUNJAB, INDIA		
Accreditation Standard	ISO/IEC 17025:2017		
Certificate Number	TC-6728	**Page No**	12 of 12
Validity	09/11/2022 to 08/11/2024	**Last Amended on**	18/01/2023

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
252	CHEMICAL- WATER	Surface Water	Total Dissolved Solids	IS 3025 (P-16)
253	CHEMICAL- WATER	Surface Water	Total Hardness as CaCO3	IS 3025 (P-21)
254	CHEMICAL- WATER	Surface water	Total Suspended Solid	IS 3025 (P-17)
255	CHEMICAL- WATER	Surface Water	Turbidity	IS 3025 (P-10)

NOTE- The Laboratory has demonstrated competence for the stated scope for WATER. This however does not fully cover the specification requirements of BIS for the Packaged Drinking Water as per IS 14543 and the Packaged Natural Mineral Water IS 13428.