National Accreditation Board for Testing and Calibration Laboratories

SCOPE OF ACCREDITATION

Laboratory Name : PARAMOUNT LIMITED (LABORATORY DIVISION), PARAMOUNT COMPLEX, GOTRI ROAD RACE COURSE, VADODARA, 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	Nitrogen Dioxide as NO2	IS: 5182, (P-6)
2	CHEMICAL- ATMOSPHERIC POLLUTION	Ambient air	Sulphur Dioxide as SO2	IS: 5182, (Part-2)
3	CHEMICAL- ATMOSPHERIC POLLUTION	Stack emission	Oxides of Nitrogen as NOx	IS 11255 (Part-7)
4	CHEMICAL- ATMOSPHERIC POLLUTION	Stack emission	Particulate Matter as PM	IS 11255 (Part-1)
5	CHEMICAL- ATMOSPHERIC POLLUTION	Stack emission	Sulphur Dioxide as SO2	IS 11255 (Part-2)
6	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water (Effluent/Sewage)	Ammonical Nitrogen as NH3-N	APHA, 23rd Edition (4500-NH3-B,C)
7	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water (Effluent/Sewage)	Color	APHA, 23rd Edition (2120 -B)
8	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water (Effluents/Sewage)	Bio Chemical Oxygen Demand @ 27°C for 3 Days	IS 3025 (Part 44)
9	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water (Effluents/Sewage)	Chemical Oxygen Demand	APHA, 23rd Edition (5220 -B)
10	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water (Effluents/Sewage)	Chloride as Cl	APHA, 23rd Edition (4500 Cl- B)
11	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water (Effluents/Sewage)	Dissolved Oxygen	APHA, 23rd Edition (4500 -B & C)
12	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water (Effluents/Sewage)	Electrical Conductivity @ 25°C	APHA, 23rd Edition (2510 -B)
13	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water (Effluents/Sewage)	Fluoride as F-	APHA, 23rd Edition (4500- F- - B,D)
14	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water (Effluents/Sewage)	Hexa valent Chromium as Cr+6	APHA, 23rd Edition (3500 Cr B)
15	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water (Effluents/Sewage)	Iron as Fe	APHA, 23rd Edition (3500 -Fe- B)
16	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water (Effluents/Sewage)	Oil & Grease	APHA, 23rd Edition (5520 B)
17	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water (Effluents/Sewage)	pH @ 25°C	APHA, 23rd Edition (4500 -H+ B)
18	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water (Effluents/Sewage)	Phenol	APHA, 23rd Edition (5530-D)

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19	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water (Effluents/Sewage)	Phosphate	APHA, 23rd Edition (4500 -P)
20	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water (Effluents/Sewage)	Potassium as K	APHA, 23rd Edition (3500 -K B)
21	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water (Effluents/Sewage)	Sodium as Na	APHA, 23rd Edition (3500 -Na-B)
22	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water (Effluents/Sewage)	Sulphate as SO4	APHA, 23rd Edition (4500 -SO42-E)
23	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water (Effluents/Sewage)	Sulphide	APHA, 23rd Edition (4500 -S-2 F)
24	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water (Effluents/Sewage)	Temperature	APHA, 23rd Edition (2550 B)
25	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water (Effluents/Sewage)	Total dissolved solids	APHA, 23rd Edition (2540 -C)
26	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water (Effluents/Sewage)	Total Kjeldahl Nitrogen as TKN	APHA, 23rd Edition (4500 -NH3-B,C)
27	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water (Effluents/Sewage)	Total solids	APHA, 23rd Edition (2540 -B)
28	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water (Effluents/Sewage)	Total suspended solids	APHA, 23rd Edition (2540 -D)
29	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water (Effluents/Sewage)	Turbidity	APHA, 23rd Edition (2130 -B)
30	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water (Effluents/Sewage)	Volatile Solid	APHA, 23rd Edition (2540 E)
31	CHEMICAL- POLLUTION & ENVIRONMENT	Wastes (Liquid/Slurry/Sludge/Solid/Semi-Solid)	Moisture	SOP - PL/SOP-S/M/06, Issue No. 1 Dated 01/05/2018
32	CHEMICAL- POLLUTION & ENVIRONMENT	Wastes (Liquid/Slurry/Sludge/Solid/Semi-Solid)	pH	SOP - PL/SOP-S/pH/07, Issue No. 1 Dated 01/05/2018
33	CHEMICAL- RESIDUES IN WATER	Drinking Water	Hexa valent Chromium as Cr+6	APHA, 23rd Edition (3500 Cr B)
34	CHEMICAL- RESIDUES IN WATER	Drinking Water	Iron as Fe	APHA, 23rd Edition (3500 -Fe-B)
35	CHEMICAL- RESIDUES IN WATER	Ground Water	Hexa valent Chromium as Cr+6	APHA, 23rd Edition (3500 Cr B)
36	CHEMICAL- RESIDUES IN WATER	Ground Water	Iron as Fe	APHA, 23rd Edition (3500 -Fe-B)
37	CHEMICAL- RESIDUES IN WATER	Raw Water	Hexa valent Chromium as Cr+6	APHA, 23rd Edition (3500 Cr B)

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38	CHEMICAL- RESIDUES IN WATER	Raw Water	Iron as Fe	APHA, 23rd Edition (3500 -Fe- B)
39	CHEMICAL- RESIDUES IN WATER	Surface Water	Hexa valent Chromium as Cr+6	APHA, 23rd Edition (3500 Cr B)
40	CHEMICAL- RESIDUES IN WATER	Surface Water	Iron as Fe	APHA, 23rd Edition (3500 -Fe- B)
41	CHEMICAL- WATER	Drinking Warer	Potassium as K	APHA, 23rd Edition (3500 -K B)
42	CHEMICAL- WATER	Drinking Water	Calcium as Ca	APHA, 23rd Edition (3500 -Ca- B)
43	CHEMICAL- WATER	Drinking Water	Chloride as Cl	APHA, 23rd Edition (4500 Cl- B)
44	CHEMICAL- WATER	Drinking Water	Color	APHA, 23rd Edition (2120-B)
45	CHEMICAL- WATER	Drinking Water	Dissolved Oxygen (DO)	APHA, 23rd Edition (4500 -B & C)
46	CHEMICAL- WATER	Drinking Water	Electrical Conductivity @ 25°C	APHA, 23rd Edition (2510 -B)
47	CHEMICAL- WATER	Drinking Water	Fluoride as F-	APHA, 23rd Edition (4500 -F- - B,D)
48	CHEMICAL- WATER	Drinking Water	Magnesium as Mg	APHA, 23rd Edition (3500 -Mg- B)
49	CHEMICAL- WATER	Drinking Water	pH @ 25°C	APHA, 23rd Edition (4500 -H+ B)
50	CHEMICAL- WATER	Drinking Water	Phosphate	APHA, 23rd Edition (4500 -P)
51	CHEMICAL- WATER	Drinking Water	Sodium as Na	APHA, 23rd Edition (3500-Na-B)
52	CHEMICAL- WATER	Drinking Water	Sulphate as SO4	APHA, 23rd Edition (4500 -SO42-)
53	CHEMICAL- WATER	Drinking Water	Temperature	APHA, 23rd Edition (2550 B)
54	CHEMICAL- WATER	Drinking Water	Total Alkalinity as CaCO3	APHA, 23rd Edition (2320 -B)
55	CHEMICAL- WATER	Drinking Water	Total dissolved solids	APHA, 23rd Edition (2540 -C)
56	CHEMICAL- WATER	Drinking Water	Total Hardness as CaCO3	APHA, 23rd Edition (2340 -C)
57	CHEMICAL- WATER	Drinking Water	Total solids	APHA, 23rd Edition (2540 -B)
58	CHEMICAL- WATER	Drinking Water	Total Suspended Solids	APHA, 23rd Edition (2540 -D)
59	CHEMICAL- WATER	Drinking Water	Turbidity	APHA, 23rd Edition (2130 -B)
60	CHEMICAL- WATER	Ground Water	Calcium as Ca	APHA, 23rd Edition (3500 -Ca- B)
61	CHEMICAL- WATER	Ground Water	Chloride as Cl	APHA 23rd Edition (4500 Cl- B)

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62	CHEMICAL- WATER	Ground Water	Color	APHA 23rd Edition (2120 -B)
63	CHEMICAL- WATER	Ground Water	Dissolved Oxygen (DO)	APHA, 23rd Edition (4500 -B & C)
64	CHEMICAL- WATER	Ground Water	Electrical Conductivity @ 25°C	APHA, 23rd Edition (2510 - B)
65	CHEMICAL- WATER	Ground Water	Fluoride as F-	APHA, 23rd Edition (4500 - F- - B,D)
66	CHEMICAL- WATER	Ground Water	Magnesium as Mg	APHA, 23rd Edition (3500 -Mg- B)
67	CHEMICAL- WATER	Ground Water	pH @ 25°C	APHA, 23rd Edition (4500-H+ B)
68	CHEMICAL- WATER	Ground Water	Phosphate	APHA, 23rd Edition (4500 -P)
69	CHEMICAL- WATER	Ground Water	Potassium as K	APHA, 23rd Edition (3500-K B)
70	CHEMICAL- WATER	Ground Water	Sodium as Na	APHA, 23rd Edition (3500 -Na- B)
71	CHEMICAL- WATER	Ground Water	Sulphate as SO4	APHA, 23rd Edition (4500 - SO42-)
72	CHEMICAL- WATER	Ground Water	Temperature	APHA 23rd Edition (2550 B)
73	CHEMICAL- WATER	Ground Water	Total Alkalinity as CaCO3	APHA, 23rd Edition (2320-B)
74	CHEMICAL- WATER	Ground Water	Total dissolved solids	APHA 23rd Edition (2540 -C)
75	CHEMICAL- WATER	Ground Water	Total Hardness as CaCO3	APHA, 23rd Edition (2340 -C)
76	CHEMICAL- WATER	Ground Water	Total solids	APHA 23rd Edition (2540 -B)
77	CHEMICAL- WATER	Ground Water	Total Suspended Solids	APHA 23rd Edition (2540 -D)
78	CHEMICAL- WATER	Ground Water	Turbidity	APHA, 23rd Edition (2130 -B)
79	CHEMICAL- WATER	Raw Water	Chloride as Cl	APHA, 23rd Edition (4500 Cl - B)
80	CHEMICAL- WATER	Raw Water	Color	APHA, 23rd Edition (2120 -B)
81	CHEMICAL- WATER	Raw Water	Dissolved Oxygen (DO)	APHA, 23rd Edition (4500 -B & C)
82	CHEMICAL- WATER	Raw water	Electrical conductivity @ 25°C	APHA, 23rd Edition (2510 -B)
83	CHEMICAL- WATER	Raw Water	Fluoride as F-	APHA, 23rd Edition (4500 F- - B,D)
84	CHEMICAL- WATER	Raw Water	Magnesium as Mg	APHA, 23rd Edition (3500 -Mg- B)
85	CHEMICAL- WATER	Raw Water	pH @ 25°C	APHA, 23rd Edition (4500 -H+ B)

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86	CHEMICAL- WATER	Raw Water	Phosphate	APHA, 23rd Edition (4500 -P)
87	CHEMICAL- WATER	Raw Water	Potassium as K	APHA, 23rd Edition (3500 -K B)
88	CHEMICAL- WATER	Raw Water	Sodium as Na	APHA, 23rd Edition (3500 -Na-B)
89	CHEMICAL- WATER	Raw Water	Sulphate as SO4	APHA, 23rd Edition (4500 -SO42-)
90	CHEMICAL- WATER	Raw Water	Temperature	APHA, 23rd Edition (2550 B)
91	CHEMICAL- WATER	Raw Water	Total Alkalinity as CaCO3	APHA, 23rd Edition (2320 -B)
92	CHEMICAL- WATER	Raw Water	Total dissolved solids	APHA, 23rd Edition (2540 -C)
93	CHEMICAL- WATER	Raw Water	Total Hardness as CaCO3	APHA, 23rd Edition (2340 -C)
94	CHEMICAL- WATER	Raw Water	Total solids	APHA, 23rd Edition (2540 -B)
95	CHEMICAL- WATER	Raw Water	Total suspended solids	APHA, 23rd Edition (2540 -D)
96	CHEMICAL- WATER	Raw Water	Turbidity	APHA, 23rd Edition (2130 -B)
97	CHEMICAL- WATER	Surface Water	Calcium as Ca	APHA, 23rd Edition (3500 -Ca-B)
98	CHEMICAL- WATER	Surface Water	Chloride as Cl	APHA, 23rd Edition (4500 Cl- B)
99	CHEMICAL- WATER	Surface Water	Color	APHA, 23rd Edition (2120 -B)
100	CHEMICAL- WATER	Surface Water	Dissolved Oxygen (DO)	APHA, 23rd Edition (4500-B&C)
101	CHEMICAL- WATER	Surface Water	Electrical Conductivity @ 25°C	APHA, 23rd Edition (2510 -B)
102	CHEMICAL- WATER	Surface Water	Fluoride as F-	APHA, 23rd Edition (4500-F- -B,D)
103	CHEMICAL- WATER	Surface Water	Magnesium as Mg	APHA, 23rd Edition (3500 -Mg-B)
104	CHEMICAL- WATER	Surface Water	pH @ 25°C	APHA, 23rd Edition (4500 -H+ B)
105	CHEMICAL- WATER	Surface Water	Phosphate	APHA, 23rd Edition (4500-P)
106	CHEMICAL- WATER	Surface Water	Potassium as K	APHA, 23rd Edition (3500-K B)
107	CHEMICAL- WATER	Surface Water	Sodium as Na	APHA, 23rd Edition (3500-Na-B)
108	CHEMICAL- WATER	Surface Water	Sulphate as SO4	APHA, 23rd Edition (4500 -SO42-)
109	CHEMICAL- WATER	Surface Water	Temperature	APHA, 23rd Edition (2550 B)
110	CHEMICAL- WATER	Surface Water	Total Alkalinity as CaCO3	APHA, 23rd Edition (2320 -B)
111	CHEMICAL- WATER	Surface Water	Total dissolved solids	APHA, 23rd Edition (2540 -C)

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112	CHEMICAL- WATER	Surface Water	Total Hardness as CaCO3	APHA, 23rd Edition (2340 -C)
113	CHEMICAL- WATER	Surface Water	Total Solids	APHA, 23rd Edition (2540 -B)
114	CHEMICAL- WATER	Surface Water	Total Suspended Solids	APHA, 23rd Edition (2540 -D)
115	CHEMICAL- WATER	Surface Water	Turbidity	APHA, 23rd Edition (2130 -B)