National Accreditation Board for Testing and Calibration Laboratories

SCOPE OF ACCREDITATION

Laboratory Name : ENVIRONMENTAL RESEARCH AND SERVICES (INDIA) PVT. LTD., PLOT NO: B-22, SECTOR-B, CHANDAKA INDUSTRIAL ESTATE, INFOCITY ROAD, BHUBANESWAR, KHORDHA, ODISHA, INDIA

Accreditation Standard ISO/IEC 17025:2017

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Validity 27/09/2021 to 26/09/2023 **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	CHEMICAL- ATMOSPHERIC POLLUTION	Ambient Air	Oxides of Nitrogen	IS 5182 Part-6
2	CHEMICAL- ATMOSPHERIC POLLUTION	Ambient Air	Particulate Matter (PM 2.5)	IS 5182 Part-24
3	CHEMICAL- ATMOSPHERIC POLLUTION	Ambient Air	Respirable Suspended Particulate Matter (PM10)	IS 5182 Part-23 (Gravimetric Method)
4	CHEMICAL- ATMOSPHERIC POLLUTION	Ambient Air	Sulphur Dioxide	IS 5182 Part-2 (Improved West & Gaeke Method)
5	CHEMICAL- ATMOSPHERIC POLLUTION	Ambient Air Quality	Suspended Particulate Matter	IS 5182 Part-4 (Gravimetric Method):1999 RA
6	CHEMICAL- ATMOSPHERIC POLLUTION	Fugitive Emission	Suspended Particulate Matter	IS:5182 Part 4 (Gravimetric Method)
7	CHEMICAL- ATMOSPHERIC POLLUTION	Stack Emission	Particulate Matter (PM)	IS 11255 (Part 1)
8	CHEMICAL- ATMOSPHERIC POLLUTION	Stack Emission	Sulphur Dioxide	IS 11255 Part 2 (Barium Perchlorate Method)
9	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water (Effluent)	Acidity as CaCO3	IS 3025 (Part 22)
10	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water (Effluent)	Alkalinity as CaCO3	IS 3025 (Part 23)
11	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water (Effluent)	Bio Chemical Oxygen Demand (BOD) 3days @ 27 Degree C	IS 3025 (Part 44)
12	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water (Effluent)	Calcium as Ca	IS 3025 (Part 40)
13	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water (Effluent)	Chemical Oxygen Demand (COD)	IS 3025 (Part 58)
14	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water (Effluent)	Chloride as Cl	IS 3025 (Part 32)
15	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water (Effluent)	Conductivity	IS 3025 (Part 14)
16	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water (Effluent)	Dissolved Oxygen	IS 3025 (Part 38)
17	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water (Effluent)	Fluoride as F	IS 3025 (Part 60)
18	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water (Effluent)	Hexavalent Chromium as Cr6+	IS 3025 (Part 52)

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19	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water (Effluent)	Iron (Total) as Fe	IS 3025 (Part 53)
20	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water (Effluent)	Magnesium as Mg	IS 3025 (Part 46)
21	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water (Effluent)	Oil & Grease	IS 3025 (Part 39)
22	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water (Effluent)	pH	IS 3025 (Part 11)
23	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water (Effluent)	Phosphate as PO4	IS 3025 (Part 31)
24	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water (Effluent)	Silica as SiO2	IS 3025 (Part 35)
25	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water (Effluent)	Sulphates as SO4	IS 3025 (Part 24)
26	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water (Effluent)	Total Dissolved Solid	IS 3025 (Part 15)
27	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water (Effluent)	Total Hardness as CaCO3	IS 3025 (Part 21)
28	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water (Effluent)	Total Suspended Solids	IS 3025 (Part 17)
29	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water (Effluent)	Turbidity	IS 3025 (Part 10)
30	CHEMICAL- RESIDUES IN WATER	Drinking Water	Hexavalent Chromium as Cr6+	IS 3025 (Part 52)
31	CHEMICAL- RESIDUES IN WATER	Drinking Water	Iron (Total) as Fe	IS 3025 (Part 53)
32	CHEMICAL- RESIDUES IN WATER	Ground Water	Hexavalent Chromium as Cr6+	IS 3025 (Part 52)
33	CHEMICAL- RESIDUES IN WATER	Ground Water	Iron (Total) as Fe	IS 3025 (Part 53)
34	CHEMICAL- RESIDUES IN WATER	Surface Water	Hexavalent Chromium as Cr6+	IS 3025 (Part 52)
35	CHEMICAL- RESIDUES IN WATER	Surface Water	Iron (Total) as Fe	IS 3025 (Part 53)
36	CHEMICAL- WATER	Drinking Water	Alkalinity as CaCO3	IS 3025(Part 23)
37	CHEMICAL- WATER	Drinking Water	Calcium as Ca	IS 3025 (Part 40)
38	CHEMICAL- WATER	Drinking Water	Chloride as Cl	IS 3025 (Part 32)

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39	CHEMICAL- WATER	Drinking Water	Conductivity	IS 3025 (Part 14)
40	CHEMICAL- WATER	Drinking Water	Fluoride as F	IS 3025 (Part 60)
41	CHEMICAL- WATER	Drinking Water	Hexavalent Chromium as Cr6+	IS 3025 (Part 52)
42	CHEMICAL- WATER	Drinking Water	Iron (Total) as Fe	IS 3025 (Part 53)
43	CHEMICAL- WATER	Drinking Water	Magnesium as Mg	IS 3025 (Part 46)
44	CHEMICAL- WATER	Drinking Water	pH	IS 3025 (Part 11)
45	CHEMICAL- WATER	Drinking Water	Phosphate as PO4	IS 3025 (Part 31)
46	CHEMICAL- WATER	Drinking Water	Sulphates as SO4	IS 3025 (Part 24)
47	CHEMICAL- WATER	Drinking Water	Total Dissolved Solid	IS 3025 (Part 16)
48	CHEMICAL- WATER	Drinking Water	Total Hardness as CaCO3	IS 3025 (Part 21)
49	CHEMICAL- WATER	Drinking Water	Total Suspended Solids	IS 3025 (Part 17)
50	CHEMICAL- WATER	Drinking Water	Turbidity	IS 3025 (Part 10)
51	CHEMICAL- WATER	Ground Water	Alkalinity as CaCO3	IS 3025 (Part 23)
52	CHEMICAL- WATER	Ground Water	Bio Chemical Oxygen Demand (BOD)3days @ 27 Degree C	IS 3025 (Part 44)
53	CHEMICAL- WATER	Ground Water	Calcium as Ca	IS 3025 (Part 40)
54	CHEMICAL- WATER	Ground Water	Chemical Oxygen Demand (COD)	IS 3025 (Part 58)
55	CHEMICAL- WATER	Ground Water	Chloride as Cl	IS 3025 (Part 32)
56	CHEMICAL- WATER	Ground Water	Conductivity	IS 3025 (Part 14)
57	CHEMICAL- WATER	Ground Water	Fluoride as F	IS 3025 (Part 60)
58	CHEMICAL- WATER	Ground Water	Hexavalent Chromium as Cr6+	IS 3025 (Part 52)
59	CHEMICAL- WATER	Ground Water	Iron (Total) as Fe	IS 3025 (Part 53)
60	CHEMICAL- WATER	Ground Water	Magnesium as Mg	IS 3025 (Part 46)
61	CHEMICAL- WATER	Ground Water	Oil & Grease	IS 3025 (Part 39)
62	CHEMICAL- WATER	Ground Water	pH	IS 3025 (Part 11)
63	CHEMICAL- WATER	Ground Water	Phosphate as PO4	IS 3025 (Part 31)
64	CHEMICAL- WATER	Ground Water	Sulphates as SO4	IS 3025 (Part 24)
65	CHEMICAL- WATER	Ground Water	Total Dissolved Solid	IS 3025 (Part 16)
66	CHEMICAL- WATER	Ground Water	Total Hardness as CaCO3	IS 3025 (Part 21)
67	CHEMICAL- WATER	Ground Water	Total Suspended Solids	IS 3025 (Part 17)

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68	CHEMICAL- WATER	Ground Water	Turbidity	IS 3025 (Part 10)
69	CHEMICAL- WATER	Surface Water	Alkalinity as CaCO3	IS 3025 (Part 23)
70	CHEMICAL- WATER	Surface Water	Bio Chemical Oxygen Demand (BOD)3days @ 27 Degree C	IS 3025 (Part 44)
71	CHEMICAL- WATER	Surface Water	Calcium as Ca	IS 3025 (Part 40)
72	CHEMICAL- WATER	Surface Water	Chemical Oxygen Demand (COD)	IS 3025 (Part 58)
73	CHEMICAL- WATER	Surface Water	Chloride as Cl	IS 3025 (Part 32)
74	CHEMICAL- WATER	Surface Water	Conductivity	IS 3025 (Part 14)
75	CHEMICAL- WATER	Surface Water	Fluoride as F	IS 3025 (Part 60)
76	CHEMICAL- WATER	Surface Water	Hexavalent Chromium as Cr6+	IS 3025 (Part 52)
77	CHEMICAL- WATER	Surface Water	Iron (Total) as Fe	IS 3025 (Part 53)
78	CHEMICAL- WATER	Surface Water	Magnesium as Mg	IS 3025 (Part 46)
79	CHEMICAL- WATER	Surface Water	Oil & Grease	IS 3025 (Part 39)
80	CHEMICAL- WATER	Surface Water	pH	IS 3025 (Part 11)
81	CHEMICAL- WATER	Surface Water	Phosphate as PO4	IS 3025 (Part 31)
82	CHEMICAL- WATER	Surface Water	Sulphates as SO4	IS 3025 (Part 24)
83	CHEMICAL- WATER	Surface Water	Total Dissolved Solid	IS 3025 (Part 16)
84	CHEMICAL- WATER	Surface Water	Total Hardness as CaCO3	IS 3025 (Part 21)
85	CHEMICAL- WATER	Surface Water	Total Suspended Solids	IS 3025 (Part 17)
86	CHEMICAL- WATER	Surface Water	Turbidity	IS 3025 (Part 10)