National Accreditation Board for Testing and Calibration Laboratories

SCOPE OF ACCREDITATION

Laboratory Name : SRICT ENVIRONMENTAL LABORATORY, BLOCK NO. 402, VATARIA, ANKLESHWAR, BHARUCH, GUJARAT, INDIA

Accreditation Standard ISO/IEC 17025:2017

Certificate Number TC-6279 **Page No** 1 of 3

Validity 17/04/2022 to 16/04/2024 **Last Amended on** 19/07/2022

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- POLLUTION & ENVIRONMENT	Waste water	Ammonical Nitrogen	IS: 3025-Part 34
2	CHEMICAL- POLLUTION & ENVIRONMENT	Waste water	BOD 3 days @ 27°C	IS:3025 (Part 44)
3	CHEMICAL- POLLUTION & ENVIRONMENT	Waste water	Chloride (as Cl)	IS: 3025-Part 32
4	CHEMICAL- POLLUTION & ENVIRONMENT	Waste water	COD	IS: 3025-Part 58
5	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water	Color	APHA 2120 C, 2-7 to 2-8, 23rd Ed.
6	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water	Conductivity	IS: 3025- Part 14
7	CHEMICAL- POLLUTION & ENVIRONMENT	Waste water	Oil & Grease	APHA 5520-B, 5-45 to 5-46, 23rd Ed.
8	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water	pH	IS: 3025(P-11)
9	CHEMICAL- POLLUTION & ENVIRONMENT	Waste water	Sulfide (as H2S)	APHA 4500-S-2-F,4-187, 23rd Ed.
10	CHEMICAL- POLLUTION & ENVIRONMENT	Waste water	Sulphate (as SO4)	APHA ,4500-SO4-E , 4-199 to 4-200, 23rd Ed.
11	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water	Total Dissolved Solids (TDS)	IS: 3025(P-16)
12	CHEMICAL- POLLUTION & ENVIRONMENT	Waste water	Total Phenols (as C6H5OH)	APHA, 5530-D, 5-49 to 5-52, 23rd Ed.
13	CHEMICAL- POLLUTION & ENVIRONMENT	Waste water	Total Suspended Solids (TSS)	IS: 3025(P-17)
14	CHEMICAL- WATER	Drinking Water	Calcium (as Ca)	APHA 3500-Ca B, 3-69 TO 3-70, 23rd Ed.
15	CHEMICAL- WATER	Drinking Water	Chloride (as Cl)	IS: 3025 (Part 32)
16	CHEMICAL- WATER	Drinking Water	Color	APHA 2120 C, 2-7 to 2-8, 23rd Ed
17	CHEMICAL- WATER	Drinking Water	Conductivity	IS: 3025 (Part 14)
18	CHEMICAL- WATER	Drinking Water	Fluoride (as F)	APHA 4500-F- D, 4-90 TO 4-91, 23rd Ed.,
19	CHEMICAL- WATER	Drinking Water	Iron (as Fe)	IS: 3025 (Part 53)

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20	CHEMICAL- WATER	Drinking Water	Magnesium (as Mg)	APHA 3500-Mg B, 3-86, 23rd Ed.
21	CHEMICAL- WATER	Drinking Water	Nitrate (as NO3)	APHA 4500-NO3- B, 4-126 TO 4-127, 23rd Ed.
22	CHEMICAL- WATER	Drinking Water	Nitrite (as NO2)	APHA 4500-NO2- B, 4-124 TO 4-125, 23rd Ed
23	CHEMICAL- WATER	Drinking Water	pH	IS 3025 (P-11)
24	CHEMICAL- WATER	Drinking Water	Sulfide (as H2S)	APHA 4500-S-2, 4-187,23rd Ed.:2017 23rd Ed.
25	CHEMICAL- WATER	Drinking Water	Sulphate (as SO4)	APHA ,4500-SO4-E , 4-199 to 4-200, 23rd Ed.
26	CHEMICAL- WATER	Drinking Water	Total Alkalinity (as CaCO3)	IS: 3025 (Part 23)
27	CHEMICAL- WATER	Drinking Water	Total Dissolved Solids (TDS)	IS 3025(P-16)
28	CHEMICAL- WATER	Drinking Water	Total Hardness (as CaCO3)	IS: 3025 (Part 21)
29	CHEMICAL- WATER	Drinking Water	Turbidity	IS: 3025-Part 10
30	CHEMICAL- WATER	Ground water	Calcium (as Ca)	APHA 3500-Ca B, 3-69 TO 3-70, 23rd Ed.
31	CHEMICAL- WATER	Ground water	Chloride (as Cl)	IS: 3025-Part 32
32	CHEMICAL- WATER	Ground water	Colour	APHA 2120 C, 2-7 to 2-8, 23rd Ed:
33	CHEMICAL- WATER	Ground water	Conductivity	IS: 3025 (Part 14)
34	CHEMICAL- WATER	Ground water	Flouride	APHA 4500-F- D, 4-90 TO 4-91, 23rd Ed.
35	CHEMICAL- WATER	Ground water	Iron (as Fe)	IS: 3025 (Part 53)
36	CHEMICAL- WATER	Ground water	Magnesium (as Mg)	APHA 3500-Mg B, 3-86, 23rd Ed.
37	CHEMICAL- WATER	Ground water	Nitrate (as NO3)	APHA 4500-NO3- B, 4-126 TO 4-127, 23rd Ed.
38	CHEMICAL- WATER	Ground water	Nitrite (as NO2)	APHA 4500-NO2- B, 4-124 TO 4-125, 23rd Ed.
39	CHEMICAL- WATER	Ground water	pH	IS 3025 (P-11)
40	CHEMICAL- WATER	Ground water	Sulphate (as SO4)	APHA ,4500-SO4-E , 4-199 to 4-200, 23rd Ed.
41	CHEMICAL- WATER	Ground water	Sulphide (as S04)	APHA 4500-S-2-F,4-187, 23rd Ed.
42	CHEMICAL- WATER	Ground water	Total Alkalinity (as CaCO3)	IS: 3025 – Part 23

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43	CHEMICAL- WATER	Ground water	Total Dissolved solids (TDS)	IS 3025 (P-16)
44	CHEMICAL- WATER	Ground water	Total Hardness (as CaCO3)	IS: 3025 (Part 21)
45	CHEMICAL- WATER	Ground water	Turbidity	IS: 3025 (Part 10)
46	CHEMICAL- WATER	Surface water	Alklalinity (as CaCO3)	IS: 3025 (Part 23)
47	CHEMICAL- WATER	Surface water	Calcium (as Ca)	APHA3500-Ca B, 3-69 TO 3-70, 23rd Ed.
48	CHEMICAL- WATER	Surface water	Chloride (as Cl)	IS: 3025 (Part 32)
49	CHEMICAL- WATER	Surface water	Colour	APHA 2120 C, 2-7 to 2-8, 23rd Ed:
50	CHEMICAL- WATER	Surface water	Conductivity	IS: 3025 (Part 14)
51	CHEMICAL- WATER	Surface water	Flouride	APHA 4500-F- D, 4-90 TO 4-91, 23rd Ed.
52	CHEMICAL- WATER	Surface water	Iron (as Fe)	IS: 3025 (Part 53)
53	CHEMICAL- WATER	Surface water	Magnesium (as Mg)	APHA 3500-Mg B, 3-86, 23rd Ed.
54	CHEMICAL- WATER	Surface water	Nitrate (as NO3)	APHA 4500-NO3- B, 4-126 TO 4-127, 23rd Ed.
55	CHEMICAL- WATER	Surface water	Nitrite (as NO2)	APHA 4500-NO2- B, 4-124 TO 4-125, 23rd Ed.
56	CHEMICAL- WATER	Surface water	pH	IS: 3025(P-11)
57	CHEMICAL- WATER	Surface water	Sulphate (SO4)	APHA ,4500-SO4-E , 4-199 to 4-200, 23rd Ed.
58	CHEMICAL- WATER	Surface water	Sulphide (as S)	APHA 4500-S-2-F,4-187, 23rd Ed.
59	CHEMICAL- WATER	Surface water	Total Dissolved solids (TDS)	IS 3025(P-16)
60	CHEMICAL- WATER	Surface water	Total Hardness (as CaCO3)	IS: 3025 (Part 21)
61	CHEMICAL- WATER	Surface water	Turbidity	IS: 3025 (Part 10)