National Accreditation Board for Testing and Calibration Laboratories

SCOPE OF ACCREDITATION

Laboratory Name : REGIONAL LABORATORY, GUJARAT POLLUTION CONTROL BOARD, PLOT NO. C-5/124, N.H NO.8, VAPI INA, VALSAD, GUJARAT, INDIA

Accreditation Standard ISO/IEC 17025:2017

Certificate Number TC-10419 **Page No** 1 of 4

Validity 17/03/2022 to 16/03/2024 **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	NOX	IS-5182 (Part -6)
2	CHEMICAL- ATMOSPHERIC POLLUTION	Ambient air	PM 10	IS-5182 (Part -23)
3	CHEMICAL- ATMOSPHERIC POLLUTION	Ambient air	SOX	IS-5182 (Part -2)
4	CHEMICAL- ATMOSPHERIC POLLUTION	Stack Monitoring	Ammonia	IS-11255 (Part -19)Method-A,Titrimetric
5	CHEMICAL- ATMOSPHERIC POLLUTION	Stack Monitoring	NOX	IS-11255 (Part -7)
6	CHEMICAL- ATMOSPHERIC POLLUTION	Stack Monitoring	PM	IS-11255 (Part -1)
7	CHEMICAL- ATMOSPHERIC POLLUTION	Stack Monitoring	SO2	IS-11255 (Part -2)
8	CHEMICAL- POLLUTION & ENVIRONMENT	Effluents/Sewage	% Na	IS 11624
9	CHEMICAL- POLLUTION & ENVIRONMENT	Effluents/Sewage	Ammonical Nitrogen	APHA (23rd Ed.) 4500 NH3-B & C Titrimetric Method
10	CHEMICAL- POLLUTION & ENVIRONMENT	Effluents/Sewage	Biological Oxygen Demand (3 Days @27°C)	IS:3025 (P-44)1993 (3 days at 270.C)
11	CHEMICAL- POLLUTION & ENVIRONMENT	Effluents/Sewage	Calcium	APHA(23rd Ed.) 3500 Ca-B EDTA Titrimetric Method
12	CHEMICAL- POLLUTION & ENVIRONMENT	Effluents/Sewage	Calcium Hardness	APHA(23rd Ed.) 3500Ca-B EDTA Titrimetric Method
13	CHEMICAL- POLLUTION & ENVIRONMENT	Effluents/Sewage	Chemical oxygen demand	APHA(23rd Ed.) 5220-B Open Reflux Method
14	CHEMICAL- POLLUTION & ENVIRONMENT	Effluents/Sewage	Chloride	APHA(23rd Ed.) 4500Cl-B Argentometric method
15	CHEMICAL- POLLUTION & ENVIRONMENT	Effluents/Sewage	Magnesium	APHA(23rd Ed.) 3500 Mg-B Calculation Method
16	CHEMICAL- POLLUTION & ENVIRONMENT	Effluents/Sewage	Magnesium Hardness	APHA(23rd Ed.) 3500 Mg-B Calculation Method
17	CHEMICAL- POLLUTION & ENVIRONMENT	Effluents/Sewage	pH	APHA (23rd Ed.) 4500-H+-B Electrometric Method
18	CHEMICAL- POLLUTION & ENVIRONMENT	Effluents/Sewage	Phenolic Compound	APHA (23rd Ed.) 5530 D Direct Photometric Method

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19	CHEMICAL- POLLUTION & ENVIRONMENT	Effluents/Sewage	Potassium as K	APHA(23rd Ed.)3500-K B,Flame Photometric Method
20	CHEMICAL- POLLUTION & ENVIRONMENT	Effluents/Sewage	Sodium as Na	APHA(23rd Ed.) 3500-Na B. Flame Photometric Method,
21	CHEMICAL- POLLUTION & ENVIRONMENT	Effluents/Sewage	Sulphate	APHA (23rd Ed.) 4500 SO4-E Turbidimetric Method
22	CHEMICAL- POLLUTION & ENVIRONMENT	Effluents/Sewage	Total Dissolved Solids	APHA (23rd Ed.) 2540-C
23	CHEMICAL- POLLUTION & ENVIRONMENT	Effluents/Sewage	Total Hardness	APHA(23rd Ed.) 2340-C EDTA Titrimetric Method
24	CHEMICAL- POLLUTION & ENVIRONMENT	Effluents/Sewage	Total Suspended Solids	APHA(23rd Ed.) 2540-D
25	CHEMICAL- WATER	Ground water	% Na	GPCB Scientific Manual Section II A -19
26	CHEMICAL- WATER	Ground water	Ammonical Nitrogen	APHA (23rd Ed.) 4500 NH3-B & C Titrimetric Method
27	CHEMICAL- WATER	Ground water	Biological Oxygen Demand (3 Days @27°C)	IS:3025 (P-44)1993
28	CHEMICAL- WATER	Ground water	Calcium	APHA(23rd Ed.) 3500Ca-B EDTA Titrimetric Method
29	CHEMICAL- WATER	Ground water	Calcium Hardness	APHA(23rd Ed.) 3500Ca-B) EDTA Titrimetric Method
30	CHEMICAL- WATER	Ground water	Chemical oxygen demand	APHA(23rd Ed.) 5220-B Open Reflux Method
31	CHEMICAL- WATER	Ground water	Chloride	APHA(23rd Ed.) 4500Cl-B Argentometric method
32	CHEMICAL- WATER	Ground water	Magnesium	APHA(23rd Ed.) 3500 Mg-B Calculation Method
33	CHEMICAL- WATER	Ground water	Magnesium Hardness	APHA(23rd Ed.) 3500 Mg-B Calculation Method
34	CHEMICAL- WATER	Ground water	pH	APHA(23rd Ed.) 4500-H+-B Electometric Method
35	CHEMICAL- WATER	Ground water	Phenolic Compound	APHA (23rd Ed.) 5530 D Direct Photometric Method
36	CHEMICAL- WATER	Ground water	Potassium as K	APHA(23rd Ed.) 3500-K B Flame Photometric Method
37	CHEMICAL- WATER	Ground water	Sodium as Na	APHA(23rd Ed.) 3500-Na B Flame Photometric Method

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38	CHEMICAL- WATER	Ground Water	Sulphate	APHA (23rd Ed.) 4500 SO4-E Turbidimetric Method
39	CHEMICAL- WATER	Ground water	Total Dissolved Solids	APHA(23rd Ed.)2540-C
40	CHEMICAL- WATER	Ground water	Total Hardness	APHA(23rd Ed.) 2340-C EDTA Titrimetric Method
41	CHEMICAL- WATER	Ground water	Total Suspended Solids	APHA(23rd Ed.) 2540-D
42	CHEMICAL- WATER	Surface Water	%Na	GPCB Scientific Manual Section II A -19
43	CHEMICAL- WATER	Surface Water	Ammonical Nitrogen	APHA (23rd Ed.) 4500 NH3-B & C Standard Method(4-114,115,116) Titrimetric Method
44	CHEMICAL- WATER	Surface Water	Biological Oxygen Demand (3 Days @27°C)	IS:3025 (P-44)1993 (3 days at 270.C)
45	CHEMICAL- WATER	Surface Water	Calcium	APHA(23rd Ed.) 3500Ca-BStandard Method(3-69) EDTA Titrimetric Method
46	CHEMICAL- WATER	Surface Water	Calcium Hardness	APHA(23rd Ed.) 3500Ca-BStandard Method(3-69) EDTA Titrimetric Method
47	CHEMICAL- WATER	Surface Water	Chemical oxygen demand	APHA(23rd Ed.) 5220-BStandard Method (5-18) Open Reflux Method
48	CHEMICAL- WATER	Surface Water	Chloride	APHA(23rd Ed.) 4500Cl-B&GStandard Method(4-75)Argentometric method
49	CHEMICAL- WATER	Surface Water	Magnesium	APHA(23rd Ed.) 3500 Mg-BStandard Method(3-86) Calculation Method
50	CHEMICAL- WATER	Surface Water	Magnesium Hardness	APHA(23rd Ed.) 3500 Mg-BStandard Method(3-86) Calculation Method
51	CHEMICAL- WATER	Surface Water	pH	APHA (23rd Ed.) 4500-H+-B Electrometric Method
52	CHEMICAL- WATER	Surface Water	Phenolic Compound	APHA (23rd Ed.) 5530 D Standard Method (5-52) Direct Photometric Method
53	CHEMICAL- WATER	Surface Water	Potassium as K	Flame Photometric Method, 3500-K B. APHA(23rd Ed.)

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54	CHEMICAL- WATER	Surface Water	Sodium as Na	Flame Photometric Method, 3500-Na B. APHA(23rd Ed.)
55	CHEMICAL- WATER	Surface Water	Sulphate	APHA (23rd Ed.) 4500 SO4-E Standard Method (4-199) Turbidimetric Method
56	CHEMICAL- WATER	Surface Water	Total Dissolved Solids	APHA (23rd Ed.) 2540-C Standard Method (2-69)
57	CHEMICAL- WATER	Surface Water	Total Hardnes	APHA(23rd Ed.) 2340-C Standard Method (2-48) EDTA Titrimetric Method
58	CHEMICAL- WATER	Surface Water	Total Suspended Solids	APHA(23rd Ed.) 2540-D Standard Method (2-70)