National Accreditation Board for Testing and Calibration Laboratories

SCOPE OF ACCREDITATION

Laboratory Name : LABORATORY DIVISION OF AKSHAR CONSULTANTS, 1103 TO 1106, 11TH FLOOR, SHETH CORPORATE TOWER, AHMEDABAD, GUJARAT, INDIA

Accreditation Standard ISO/IEC 17025:2017

Certificate Number TC-9131 **Page No** 1 of 3

Validity 02/12/2022 to 01/12/2024 **Last Amended on** 07/12/2022

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- ATMOSPHERIC POLLUTION	Ambient Air	Ammonia	IS 5182, Part 25
2	CHEMICAL- ATMOSPHERIC POLLUTION	Ambient Air	Chlorine	IS 5182 (Part 19)
3	CHEMICAL- ATMOSPHERIC POLLUTION	Ambient Air	Fine Particulate Matter (PM 2.5)	IS 5182 (part 24)
4	CHEMICAL- ATMOSPHERIC POLLUTION	Ambient Air	Oxides of Nitrogen (as NO2)	IS 5182 (Part 6)
5	CHEMICAL- ATMOSPHERIC POLLUTION	Ambient Air	Particulate matter (PM-10)	IS 5182 (part 23)
6	CHEMICAL- ATMOSPHERIC POLLUTION	Ambient Air	Sulphur Dioxide (SO2)	IS 5182 (Part 2)
7	CHEMICAL- ATMOSPHERIC POLLUTION	Stack Emission	Oxides of Nitrogen (as NO2)	IS 11255 (Part 7)
8	CHEMICAL- ATMOSPHERIC POLLUTION	Stack Emission	Particulate Matter	IS 11255 (Part 1)
9	CHEMICAL- ATMOSPHERIC POLLUTION	Stack Emission	Sulphur Dioxide (SO2)	IS 11255 (Part 2)
10	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water	Ammonical Nitrogen	APHA 23rd Edition 4500-NH3-B & C
11	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water	Biochemical Oxygen Demand	IS 3025 (Part 44)
12	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water	Calcium Hardness as CaCO3	APHA 23rd Edition 3500- Ca B
13	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water	Chemical Oxygen Demand	IS 3025 (Part 58)
14	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water	Chloride	IS 3025 (Part 32)
15	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water	Hexavelent Chromium	APHA 23rd Edition 3500-Cr B
16	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water	Iron	APHA 23rd Edition 3500-fe B
17	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water	Magnesium Hardness as CaCO3	APHA 23rd Edition 3500-Mg B
18	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water	Oil and Grease	APHA 23rd Edition 5520-B

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19	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water	pH	APHA 23rd Edition 4500-H+ B
20	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water	Phenol	APHA 23rd Edition 5530 D
21	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water	Phosphorus	APHA 23rd Edition 4500-P D
22	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water	Potassium	APHA 23rd Edition 3500-K B
23	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water	Sodium	APHA 23rd Edition 3500-Na B
24	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water	Sodium Absorption Ratio (SAR)	IS 11624 (By Calculation)
25	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water	Sulfate	APHA 23rd Edition 4500- $SO4^{-}$ C
26	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water	Total Dissolved Solids	APHA 23rd Edition 2540-C
27	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water	Total Hardness as CaCO3	APHA 23rd Edition 2340-C
28	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water	Total Suspended Solids	APHA 23rd Edition 2540-D
29	CHEMICAL- WATER	Drinking Water	Calcium Hardness as CaCO3	APHA 23rd Edition 3500-Ca B
30	CHEMICAL- WATER	Drinking Water	Chloride	IS 3025 (Part 32)
31	CHEMICAL- WATER	Drinking Water	Magnesium as Mg	APHA 23rd Edition 3500-Mg B
32	CHEMICAL- WATER	Drinking Water	P - Alkalinity as CaCO3	IS : 3025 (Part 23)
33	CHEMICAL- WATER	Drinking Water	pH	APHA 23rd Edition 4500-H+ B
34	CHEMICAL- WATER	Drinking Water	Sulphates	APHA (23rd edition) 4500-SO42- E
35	CHEMICAL- WATER	Drinking Water	Total Alkalinity as CaCO3	IS : 3025 (Part 23)
36	CHEMICAL- WATER	Drinking Water	Total Dissolved Solids	APHA 23rd Edition 2540-C
37	CHEMICAL- WATER	Drinking Water	Total Hardness as CaCO3	APHA 23rd Edition 2340-C
38	CHEMICAL- WATER	Ground Water / Bore Well Water	Calcium Hardness as CaCO3	APHA 23rd Edition 3500- Ca B
39	CHEMICAL- WATER	Ground Water / Bore Well Water	Chlorides	IS 3025 (Part 32)
40	CHEMICAL- WATER	Ground Water / Bore Well Water	M - Alkalinity as CaCO3	IS : 3025 (Part 23)
41	CHEMICAL- WATER	Ground Water / Bore Well Water	Magnesium Hardness as CaCO3	APHA 23rd Edition 3500-Mg B

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42	CHEMICAL- WATER	Ground Water / Bore Well Water	Nitrate	APHA 4500-NO3 (Ultraviolet spectrophotometric screening method)
43	CHEMICAL- WATER	Ground Water / Bore Well Water	Nitrite	APHA 4500-NO2 B (Colorimetric method)
44	CHEMICAL- WATER	Ground Water / Bore Well Water	P - Alkalinity as CaCO3	IS : 3025 (Part 23)
45	CHEMICAL- WATER	Ground Water / Bore Well Water	pH	APHA 23rd Edition 4500-H+ B
46	CHEMICAL- WATER	Ground Water / Bore Well Water	Sulphate	APHA (23rd edition) 4500-SO42- E
47	CHEMICAL- WATER	Ground Water / Bore Well Water	Total Dissolved Solids	APHA 23rd Edition 2540-C
48	CHEMICAL- WATER	Ground Water / Bore Well Water	Total Hardness as CaCO3	APHA 23rd Edition 2340-C
49	CHEMICAL- WATER	Ground Water / Bore Well Water	Total Suspended Solids	APHA 23rd Edition 2540-D
50	CHEMICAL- WATER	Surface Water	Calcium Hardness as CaCO3	APHA 23rd Edition 3500- Ca B
51	CHEMICAL- WATER	Surface Water	Chloride	IS 3025 (Part 32)
52	CHEMICAL- WATER	Surface Water	M - Alkalinity as CaCO3	IS : 3025 (Part 23)
53	CHEMICAL- WATER	Surface Water	Magnesium Hardness as CaCO3	APHA 23rd Edition 3500-Mg B
54	CHEMICAL- WATER	Surface Water	Nitrate	APHA 4500-NO3 (Ultraviolet spectrophotometric screening method)
55	CHEMICAL- WATER	Surface Water	Nitrite	APHA 4500-NO2 B (Colorimetric method)
56	CHEMICAL- WATER	Surface Water	P - Alkalinity as CaCO3	IS : 3025 (Part 23)
57	CHEMICAL- WATER	Surface Water	pH	APHA 23rd Edition 4500-H+ B
58	CHEMICAL- WATER	Surface Water	Sulphate	APHA (23rd edition) 4500-SO42- E
59	CHEMICAL- WATER	Surface Water	Total Dissolved Solids	APHA 23rd Edition 2540-C
60	CHEMICAL- WATER	Surface Water	Total Hardness as CaCO3	APHA 23rd Edition 2340-C
61	CHEMICAL- WATER	Surface Water	Total Suspended Solids	APHA 23rd Edition 2540-D