



(A Constituent Board of Quality Council of India)



### SCOPE OF ACCREDITATION

Laboratory Name SALILA ENVIROTECH PVT. LTD., PLOT. NO. 67, N.H.NO.8, ROYAL INDUSTRIAL

HUB, VAPI, VALSAD, GUJARAT, INDIA

Accreditation Standard ISO/IEC 17025:2005

Certificate Number TC-8216 Page No.: 1 / 9

Validity 21/12/2018 to 20/12/2020 Last Amended on -

S.No	Discipline / Group	Product / Material of Test	Specific Test Performed	Test Method Specification against which tests are performed	Range of Testing/ Limits of Detection
		Pe	ermanent Facility		
1	CHEMICAL- ATMOSPHERIC POLLUTION	Ambient	Noise Monitoring	SEPL/AIR/SOP/09; CPCB Guidline, 2000 RA: 2015	30 dB to 130 dB
2	CHEMICAL- ATMOSPHERIC POLLUTION	Ambient Air	Nitrogen Dioxide	IS 5182 (Part 6): 2006	6 μg/m3 to 500 μg/m3
3	CHEMICAL- ATMOSPHERIC POLLUTION	Ambient Air	Particulate Matter (Size less than 10 μm) or PM10	IS 5182 (Part 23): 2006	10 μg/m3 to 1000 μg/m3
4	CHEMICAL- ATMOSPHERIC POLLUTION	Ambient Air	Particulate Matter (Size less than 2.5 µm) or PM2.5	CPCB Guidline Volume I: 2013	10 μg/m3 to 500 μg/m3
5	CHEMICAL- ATMOSPHERIC POLLUTION	Ambient Air	Sulphur Dioxide	IS 5182 (Part 2): 2001	4 μg/m3 to 1050 μg/m3
6	CHEMICAL- ATMOSPHERIC POLLUTION	Ambient Air	Suspended Particulate Matter	IS 5182 (Part 4): 1999	10 μg/m3 to 1000 μg/m3
7	CHEMICAL- ATMOSPHERIC POLLUTION	Stack Emission	Oxides of Nitrogen	IS 11255 (Part 7): 2005	5 mg/m3 to 500 mg/m3
8	CHEMICAL- ATMOSPHERIC POLLUTION	Stack Emission	Particulate Matter	IS 11255 (Part 1): 1985	10 mg/Nm3 to 1000 mg/Nm3
9	CHEMICAL- ATMOSPHERIC POLLUTION	Stack Emission	Sulphur Dioxide	IS 11255(Part 2): 1985	4 mg/m3 to 1000 mg/m3





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S.No	Discipline / Group	Product / Material of Test	Specific Test Performed	Test Method Specification against which tests are performed	Range of Testing/ Limits of Detection
10	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water (Effluent/Sewage)	Ammonical Nitrogen	APHA (23rd Edition) 4500- NH3 B & C: 2017	5 mg/L to 100 mg/L
11	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water (Effluent/Sewage)	Biochemical Oxygen Demand	IS 3025 (Part 44): 1993	15 mg/L to 50000 mg/L
12	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water (Effluents/Sewage)	Calcium Hardness & Magnesium Hardness	APHA (23rd Edition) 3500 Ca B & Mg B: 2017	10 mg/L to 2000 mg/L
13	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water (Effluents/Sewage)	Chemical Oxygen Demand	APHA, (23rd Edition),5220 B:2017/IS 3025 (Part 58): 2006	10 mg/L to 100000 mg/L
14	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water (Effluents/Sewage)	Chloride	APHA (23rd Edition), 4500-CI, B: 2017/IS 3025 (Part 32): 1988	2 mg/L to 10000 mg/L
15	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water (Effluents/Sewage)	Dissolved Oxygen	IS 3025 (Part 38): 1998	0.5 mg/L to 15 mg/L
16	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water (Effluents/Sewage)	Fixed Solids and Volatile Solids	APHA (23rd Edition) 2540 E: 2017	20 mg/L to 1000 mg/L
17	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water (Effluents/Sewage)	Oil & Grease	APHA (23rd Edition), 5520 B: 2017/IS 3025 (Part 39): 1991	5 mg/L to 1000 mg/L
18	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water (Effluents/Sewage)	pH Value	IS 3025 (Part 11): 1983	1 to 13





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19	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water (Effluents/Sewage)	Sulphate	APHA (23rd Edition) 4500 SO4(2-), E: 2017	2 mg/L to 5000 mg/L
20	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water (Effluents/Sewage)	Sulphide	APHA (23rd Edition), 4500-S2- B, C & F: 2017	10 mg/L to 500 mg/L
21	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water (Effluents/Sewage)	Temperature	APHA (23rd Edition) 2550 B: 2017	20 oC to 60 oC
22	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water (Effluents/Sewage)	Total Dissolved Solids	APHA (23rd Edition) 2540 C: 2017	5 mg/L to 20000 mg/L
23	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water (Effluents/Sewage)	Total Hardness	APHA, (23rd Edition,) 2340 C: 2017	10 mg/L to 2000 mg/L
24	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water (Effluents/Sewage)	Total Solids	APHA (23rd Edition) 2540 B: 2017	5 mg/L to 20000 mg/L
25	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water (Effluents/Sewage)	Total Suspended Solids	APHA (23rd Edition) 2540 D: 2017	5 mg/L to 10000 mg/L
26	CHEMICAL- WATER	Ground Water	Acidity	APHA (23rd Edition) 2310 B: 2017	5 mg/L to 500 mg/L
27	CHEMICAL- WATER	Ground Water	Alkalinity (Total, Phenolphthalein & Methyl orange)(as CaCO3)	IS 3025 (Part 23): 1986	5 mg/L to 500 mg/L
28	CHEMICAL- WATER	Ground Water	Ammonical Nitrogen	APHA (23rd Edition) 4500- NH3 B & C: 2017	1 mg/L to 1000 mg/L





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Certificate Number TC-8216 Page No.: 4/9

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29	CHEMICAL- WATER	Ground Water	Biochemical Oxygen Demand	IS 3025 (Part 44): 1993	8 mg/L to 10000 mg/L
30	CHEMICAL- WATER	Ground Water	Calcium Hardness & Magnesium Hardness	APHA (23rd Edition) 3500 Ca B & Mg B: 2017	2 mg/L to 5000 mg/L
31	CHEMICAL- WATER	Ground Water	Chloride	APHA (23rd Edition), 4500-Cl, B: 2017/IS 3025 (Part 32): 1988	5 mg/L to 20000 <font face="Arial, sans-serif">mg/L</font>
32	CHEMICAL- WATER	Ground Water	Dissolved Oxygen	IS 3025 (Part 38): 1989	0.5 mg/L to 20 mg/L
33	CHEMICAL- WATER	Ground Water	Electrical Conductivity	IS 3025 (Part 14): 2006	5 μS/cm to 20000 μS/cm
34	CHEMICAL- WATER	Ground Water	Oil & Grease	APHA (23rd Edition), 5520 B: 2017/IS 3025 (Part 39): 1991	1 mg/L to 1000 mg/L
35	CHEMICAL- WATER	Ground Water	pH Value	IS 3025 (Part 11): 1983	2 to 12
36	CHEMICAL- WATER	Ground Water	Sulphate	APHA (23rd Edition) 4500 SO42- , E: 2017	1 mg/L to 5000 mg/L
37	CHEMICAL- WATER	Ground Water	Sulphide	APHA, (23rd Edition), 4500 S2- B, C & F: 2017	1 mg/L to 50 mg/L
38	CHEMICAL- WATER	Ground Water	Temperature	APHA (23rd Edition) 2550 B: 2017	15 <sup>O</sup> C to 60 <sup>O</sup> C
39	CHEMICAL- WATER	Ground Water	Total Dissolved Solids	APHA (23rd Edition) 2540 C: 2017	5 mg/L to 25000 mg/L





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Certificate Number TC-8216 Page No.: 5 / 9

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40	CHEMICAL- WATER	Ground Water	Total Hardness	APHA, (23rd Edition,) 2340 C: 2017	2 mg/L to 5000 mg/L
41	CHEMICAL- WATER	Ground Water	Total Solids	APHA (23rd Edition) 2540 B: 2017	5 <font face="Arial,&lt;br&gt;sans-&lt;br&gt;serif">mg/L</font> to 25000 mg/L
42	CHEMICAL- WATER	Ground Water	Total Suspended Solids	APHA (23rd Edition) 2540 D: 2017	5 mg/L to 10000 mg/L
43	CHEMICAL- WATER	Industrial Water	Acidity	APHA (23rd Edition) 2310 B: 2017	5 mg/L to 500 mg/L
44	CHEMICAL- WATER	Industrial Water	Alkalinity (Total, Phenolphthalein & Methyl orange)(as CaCO3)	IS 3025 (Part 23): 1986	5 <b>mg/L</b> to 500 mg/L
45	CHEMICAL- WATER	Industrial Water	AmmonicalNitrogen	APHA (23rd Edition) 4500- NH3 B & C: 2017	1 mg/L to 1000 mg/L
46	CHEMICAL- WATER	Industrial Water	Biochemical Oxygen Demand	IS 3025 (Part 44): 1993	8 mg/L to 10000 mg/L
47	CHEMICAL- WATER	Industrial Water	Calcium Hardness & Magnesium Hardness	APHA (23rd Edition) 3500 Ca B & Mg B: 2017	2 mg/L to 5000 mg/L
48	CHEMICAL- WATER	Industrial Water	Chloride	APHA (23rd Edition), 4500-Cl, B: 2017/IS 3025 (Part 32): 1988	5 mg/L to 20000 mg/L
49	CHEMICAL- WATER	Industrial Water	Dissolved Oxygen	IS 3025 (Part 38): 1989	0.5 mg/L to 20 mg/L
50	CHEMICAL- WATER	Industrial Water	Electrical Conductivity	IS 3025 (Part 14): 2006	5 μS/cm
					to 20000 µS/cm





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51	CHEMICAL- WATER	Industrial Water	Oil & Grease	APHA (23rd Edition), 5520 B/IS 3025 (Part 39): 1991	1 mg/L to 1000 mg/L
52	CHEMICAL- WATER	Industrial Water	pH Value	IS 3025 (Part 11): 1983	2 to 12
53	CHEMICAL- WATER	Industrial Water	Sulphate	APHA (23rd Edition) 4500 SO42- , E: 2017	1 mg/L to 5000 mg/L
54	CHEMICAL- WATER	Industrial Water	Sulphide	APHA, (23rd Edition ), 4500 S2- B, C & F: 2017	1 mg/L to 50 mg/L
55	CHEMICAL- WATER	Industrial Water	Temperature	APHA (23rd Edition) 2550 B: 2017	15 <sup>0</sup> C to 60 <sup>0</sup> C
56	CHEMICAL- WATER	Industrial Water	Total Dissolved Solids	APHA (23rd Edition) 2540 C: 2017	5 mg/L to 25000 mg/L
57	CHEMICAL- WATER	Industrial Water	Total Hardness	APHA, (23rd Edition,) 2340 C: 2017	2 mg/L to 5000 mg/L
58	CHEMICAL- WATER	Industrial Water	Total Solids	APHA (23rd Edition) 2540 B: 2017	5 mg/L to 25000 mg/L
59	CHEMICAL- WATER	Industrial Water	Total Suspended Solids	APHA (23rd Edition) 2540 D: 2017	5 mg/L to 10000 mg/L
60	CHEMICAL- WATER	Surface Water	Acidity	APHA (23rd Edition) 2310 B: 2017	5 mg/L to 500 mg/L
61	CHEMICAL- WATER	Surface Water	Alkalinity (Total, Phenolphthalein & Methyl orange)(as CaCO3)	IS 3025 (Part 23): 1986	5 mg/L to 500 mg/L
62	CHEMICAL- WATER	Surface Water	AmmonicalNitrogen	APHA (23rd Edition) 4500- NH3 B & C: 2017	1 mg/L to 1000 mg/L





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63	CHEMICAL- WATER	Surface Water	Biochemical Oxygen Demand	IS 3025 (Part 44): 1993	8 mg/L to 10000 mg/L
64	CHEMICAL- WATER	Surface Water	Calcium Hardness & Magnesium Hardness	APHA (23rd Edition) 3500 Ca B & Mg B: 2017	2 mg/L to 5000 mg/L
65	CHEMICAL- WATER	Surface Water	Chloride	APHA (23rd Edition), 4500-Cl, B/IS 3025 (Part 32): 1988	5 mg/L to 20000 mg/L
66	CHEMICAL- WATER	Surface Water	Dissolved Oxygen	IS 3025 (Part 38): 1989	0.5 mg/L to 20 mg/L
67	CHEMICAL- WATER	Surface Water	Electrical Conductivity	IS 3025 (Part 14): 2006	5 μS/cm
					to 20000 µS/cm
68	CHEMICAL- WATER	Surface Water	Oil & Grease	APHA (23rd Edition), 5520 B/IS 3025 (Part 39): 1991	1 mg/L to 1000 mg/L
69	CHEMICAL- WATER	Surface Water	pH Value	IS 3025 (Part 11): 1983	2 to 12
70	CHEMICAL- WATER	Surface Water	Sulphate	APHA (23rd Edition) 4500 SO42- , E: 2017	1 mg/L to 5000 mg/L
71	CHEMICAL- WATER	Surface Water	Sulphide	APHA, (23rd Edition ), 4500 S2- B, C & F: 2017	1 mg/L to 50 mg/L
72	CHEMICAL- WATER	Surface Water	Temperature	APHA (23rd Edition) 2550 B: 2017	15 <sup>o</sup> C to 60 <sup>o</sup> C
73	CHEMICAL- WATER	Surface Water	Total Dissolved Solids	APHA (23rd Edition) 2540 C: 2017	5 mg/L to 25000 mg/L
74	CHEMICAL- WATER	Surface Water	Total Hardness	APHA, (23rd Edition,) 2340 C: 2017	2 mg/L to 5000 mg/L





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Certificate Number TC-8216 Page No.: 8 / 9

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75	CHEMICAL- WATER	Surface Water	Total Solids	APHA (23rd Edition) 2540 B: 2017	5 mg/L to 25000 mg/L
76	CHEMICAL- WATER	Surface Water	Total Suspended Solids	APHA (23rd Edition) 2540 D: 2017	5 mg/L to 10000 mg/L
77	CHEMICAL- WATER	Water from Purifiers	Acidity	APHA (23rd Edition) 2310 B: 2017	5 mg/L to 500 mg/L
78	CHEMICAL- WATER	Water from Purifiers	Alkalinity (Total, Phenolphthalein & Methyl orange)(as CaCO3)	IS 3025 (Part 23): 1986	5 mg/L to 500 mg/L
79	CHEMICAL- WATER	Water from Purifiers	AmmonicalNitrogen	APHA (23rd Edition) 4500- NH3 B & C: 2017	1 mg/L to 1000 mg/L
80	CHEMICAL- WATER	Water from Purifiers	Biochemical Oxygen Demand	IS 3025 (Part 44): 1993	8 mg/L to 10000 mg/L
81	CHEMICAL- WATER	Water from Purifiers	Calcium Hardness & Magnesium Hardness	APHA (23rd Edition) 3500 Ca B & Mg B: 2017	2 mg/L to 5000 mg/L
82	CHEMICAL- WATER	Water From Purifiers	Chloride	APHA (23rd Edition), 4500-Cl, B: 2017 / IS 3025 (Part 32): 1988	5 mg/L to 20000 mg/L
83	CHEMICAL- WATER	Water from Purifiers	Dissolved Oxygen	IS 3025 (Part 38): 1989	0.5 mg/L to 20 mg/L
84	CHEMICAL- WATER	Water from Purifiers	Electrical Conductivity	IS 3025 (Part 14): 2006	5 μS/cm to 20000 μS/cm
85	CHEMICAL- WATER	Water from Purifiers	Oil & Grease	APHA (23rd Edition), 5520 B:2017/IS 3025 (Part 39): 1991	1 mg/L to 1000 mg/L
86	CHEMICAL- WATER	Water from Purifiers	pH Value	IS 3025 (Part 11): 1983	2 to 12





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87	CHEMICAL- WATER	Water from Purifiers	Sulphate	APHA (23rd Edition) 4500 SO4(2-), E: 2017	1 mg/L to 5000 mg/L
88	CHEMICAL- WATER	Water from Purifiers	Sulphide	APHA, (23rd Edition ), 4500 S2- B, C & F : 2017	1 mg/L to 50 mg/L
89	CHEMICAL- WATER	Water from Purifiers	Temperature	APHA (23rd Edition) 2550 B: 2017	15 <sup>o</sup> C to 60 <sup>o</sup> C
90	CHEMICAL- WATER	Water from Purifiers	Total Dissolved Solids	APHA (23rd Edition) 2540 C: 2017	5 mg/L to 25000 mg/L
91	CHEMICAL- WATER	Water from Purifiers	Total Hardness	APHA, (23rd Edition,) 2340 C: 2017	2 mg/L to 5000 mg/L
92	CHEMICAL- WATER	Water from Purifiers	Total Solids	APHA (23rd Edition) 2540 B: 2017	5 mg/L to 25000 mg/L
93	CHEMICAL- WATER	Water from Purifiers	Total Suspended Solids	APHA (23rd Edition) 2540 D: 2017	5 mg/L to 10000 mg/L