National Accreditation Board for Testing and Calibration Laboratories

SCOPE OF ACCREDITATION

Laboratory Name : SHREEJI AQUA TREATMENT PVT LTD, PLOT NO. 01, SHAH IND. PARK -1, VADODARA-SAVLI ROAD, LAMDAPURA, VADODARA, GUJARAT, INDIA

Accreditation Standard ISO/IEC 17025:2017

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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	Nitrogen Dioxide as NO2	IS: 5182, (Part-6)
2	CHEMICAL- ATMOSPHERIC POLLUTION	Ambient Air	Particulate Matter (size less than 10 µm) as PM 10	IS 5182 (Part-23)
3	CHEMICAL- ATMOSPHERIC POLLUTION	Ambient Air	Particulate Matter (size less than 2.5 µm) as PM 2.5	SATPL/SOP-A/PM2.5/01, Issue No. 1 Dated 01/09/2018
4	CHEMICAL- ATMOSPHERIC POLLUTION	Ambient Air	Sulphur Dioxide as SO2	IS: 5182,(Part-2)
5	CHEMICAL- ATMOSPHERIC POLLUTION	Ambient Noise	Ambient Noise Level Measurement Leq dB (A)	IS 9989
6	CHEMICAL- ATMOSPHERIC POLLUTION	Stack Emission	Oxides of Nitrogen as NOx	IS – 11255 (Part – 7)
7	CHEMICAL- ATMOSPHERIC POLLUTION	Stack Emission	Particulate Matter as PM	IS 11255 (Part – 1)
8	CHEMICAL- ATMOSPHERIC POLLUTION	Stack Emission	Sulphur Dioxide as SO2	IS – 11255 (Part – 2)
9	CHEMICAL- POLLUTION & ENVIRONMENT	Soil	Available Calcium as Ca	SATPL/SOP-S/Ca/Mg/21, ISSUE NO. 1, 01.09
10	CHEMICAL- POLLUTION & ENVIRONMENT	Soil	Available Calcium as Ca	SOP for Waste (Liquid/Slurry/ Sludge/Solid/Semi-Solid) & Soil Analysis SATPL /SOP-W & S/Ca, Issue No. 1 Dated 01/09/2018
11	CHEMICAL- POLLUTION & ENVIRONMENT	Soil	Available Chloride as Cl	SATPL/SOP-S/Cl/18, ISSUE NO. 1, 01.09
12	CHEMICAL- POLLUTION & ENVIRONMENT	Soil	Available Chloride as Cl-	SOP for Waste (Liquid/Slurry/ Sludge/Solid/Semi-Solid) & Soil Analysis SATPL /SOP-W & S/Cl, Issue No. 1 Dated 01/09/2018
13	CHEMICAL- POLLUTION & ENVIRONMENT	Soil	Available Magnesium as Mg	SATPL/SOP-S/Ca/Mg/21, ISSUE NO. 1, 01.09
14	CHEMICAL- POLLUTION & ENVIRONMENT	Soil	Available Magnesium as Mg	SOP for Waste (Liquid/Slurry/ Sludge/Solid/Semi-Solid) & Soil Analysis SATPL /SOP-W & S/Mg, Issue No. 1 Dated 01/09/2018
15	CHEMICAL- POLLUTION & ENVIRONMENT	Soil	Available Phosphorus as P	SATPL/SOP-S/AP/17, ISSUE NO 1, 01.09

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16	CHEMICAL- POLLUTION & ENVIRONMENT	Soil	Available Phosphorus as P	SOP for Waste (Liquid/Slurry/ Sludge/Solid/Semi-Solid) & Soil Analysis SATPL /SOP-W & S/P, Issue No. 1 Dated 01/09/2018 Based on Methods Manual, Soil Testing in India
17	CHEMICAL- POLLUTION & ENVIRONMENT	Soil	Available Potassium as K	SATPL/SOP-S/K/19 issue no.1, 01.09
18	CHEMICAL- POLLUTION & ENVIRONMENT	Soil	Available Potassium as K	SOP for Waste (Liquid/Slurry/ Sludge/Solid/Semi-Solid) & Soil Analysis SATPL /SOP-W & S/K, Issue No. 1 Dated 01/09/2018
19	CHEMICAL- POLLUTION & ENVIRONMENT	Soil	Available Sodium as Na	SATPL/SOP-S/Na/20, ISSUE NO. 1, 01.09
20	CHEMICAL- POLLUTION & ENVIRONMENT	Soil	Available Sodium as Na	SOP for Waste (Liquid/Slurry/ Sludge/Solid/Semi-Solid) & Soil Analysis SATPL /SOP-W & S/Na, Issue No. 1 Dated 01/09/2018
21	CHEMICAL- POLLUTION & ENVIRONMENT	Soil	Bulk Density	IS: 2720 (Part 8)
22	CHEMICAL- POLLUTION & ENVIRONMENT	Soil	Electrical Conductivity	IS: 14767
23	CHEMICAL- POLLUTION & ENVIRONMENT	Soil	Moisture	SATPL/SOP-S/W/WC/10, ISSUE NO. 1, 01.09
24	CHEMICAL- POLLUTION & ENVIRONMENT	Soil	Moisture	SOP for Waste (Liquid/Slurry/ Sludge/Solid/Semi-Solid) & Soil Analysis SATPL /SOP-W & S/M, Issue No. 1 Dated 01/09/2018
25	CHEMICAL- POLLUTION & ENVIRONMENT	Soil	Organic Carbon	IS 2720 (Part 22)
26	CHEMICAL- POLLUTION & ENVIRONMENT	Soil	Organic matter	IS 2720 (Part 22)
27	CHEMICAL- POLLUTION & ENVIRONMENT	Soil	pH	IS :2720(Part – 26)
28	CHEMICAL- POLLUTION & ENVIRONMENT	Soil	Total Nitrogen as N	IS 14684
29	CHEMICAL- POLLUTION & ENVIRONMENT	Waste (Liquid/ Slurry/ Sludge/Solid/Semi-Solid)	Electrical Conductivity	SATPL /SOP-W & S/EC/13, Issue No. 1 Dated 01/09/2018
30	CHEMICAL- POLLUTION & ENVIRONMENT	Waste (Liquid/ Slurry/ Sludge/Solid/Semi-Solid)	Moisture	SATPL /SOP-W & S/M/10, Issue No. 1 Dated 01/09/2018

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31	CHEMICAL- POLLUTION & ENVIRONMENT	Waste (Liquid/ Slurry/ Sludge/Solid/Semi-Solid)	Organic Carbon	SATPL /SOP-W & S/OM/14, Issue No. 1 Dated 01/09/2018
32	CHEMICAL- POLLUTION & ENVIRONMENT	Waste (Liquid/ Slurry/ Sludge/Solid/Semi-Solid)	Potassium as K	SATPL /SOP-W & S/K/19, Issue No. 1 Dated 01/09/2018
33	CHEMICAL- POLLUTION & ENVIRONMENT	Waste (Liquid/ Slurry/ Sludge/Solid/Semi-Solid)	Sodium as Na	SATPL /SOP-W & S/Na/20, Issue No. 1 Dated 01/09/2018
34	CHEMICAL- POLLUTION & ENVIRONMENT	Waste (Liquid/ Slurry/ Sludge/Solid/Semi-Solid)	Organic Matter	SATPL /SOP-W & S/OM/14, Issue No. 1 Dated 01/09/2018
35	CHEMICAL- POLLUTION & ENVIRONMENT	Waste (Liquid/ Slurry/ Sludge/Solid/Semi-Solid)	pH	SATPL /SOP-W & S/pH/12, Issue No. 1 Dated 01/09/2018
36	CHEMICAL- POLLUTION & ENVIRONMENT	Waste (Liquid/Slurry/ Sludge/Solid/Semi-Solid)	Chloride as Cl	SATPL /SOP-W & S/Cl/18, Issue No. 1 Dated 01/09/2018
37	CHEMICAL- POLLUTION & ENVIRONMENT	Waste water (Effluents/Sewage)	pH	APHA, 23rd Edition 2017/4500-H+ B
38	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water (Effluent/Sewage)	Iron as Fe	APHA, 23rd Edition 2017/3500-Fe- B
39	CHEMICAL- POLLUTION & ENVIRONMENT	Waste water (Effluents/ Sewage)	Color	APHA, 23rd Edition 2017/ 2120 -B
40	CHEMICAL- POLLUTION & ENVIRONMENT	Waste water (Effluents/Sewage)	Temperature	APHA, , 23rd Edition 2017/2550B
41	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water/(Effluent/Sewage)	Ammonical Nitrogen as NH3-N	APHA, 23rd Edition 2017/4500-NH3-B, C
42	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water/(Effluent/Sewage)	Bio Chemical Oxygen Demand @ 27 °C for 3 Days	IS 3025 (Part 44)
43	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water/(Effluent/Sewage)	Chemical Oxygen Demand	IS 3025 (Part 58)
44	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water/(Effluent/Sewage)	Chloride as Cl	APHA, 23rd Edition 2017/ 4500 Cl- B
45	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water/(Effluent/Sewage)	Dissolved Oxygen	APHA, 23rd Edition 2017/4500-B & C
46	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water/(Effluent/Sewage)	Electrical Conductivity	APHA, 23rd Edition 2017/2510-B
47	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water/(Effluent/Sewage)	Fluoride as F-	APHA, 23rd Edition 2017/4500-F - - B, D
48	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water/(Effluent/Sewage)	Hexa valent Chromium as Cr+6	APHA, 23rd Edition 2017/3500 Cr B
49	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water/(Effluent/Sewage)	Nitrite	APHA, 23rd Edition 2017/4500-NO2-B

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50	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water/(Effluent/Sewage)	Oil & Grease	APHA, 23rd Edition 2017/5520 B
51	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water/(Effluent/Sewage)	Phosphate	APHA, 23rd Edition 2017/4500-P
52	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water/(Effluent/Sewage)	Potassium as K	APHA, 23rd Edition 2017/3500-K B
53	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water/(Effluent/Sewage)	Sodium as Na	APHA, 23rd Edition 2017/3500-Na -B
54	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water/(Effluent/Sewage)	Sulphate as SO4	APHA, 23rd Edition 2017/4500-SO42-
55	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water/(Effluent/Sewage)	Total dissolved solids	APHA, 23rd Edition 2017/ 2540-C
56	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water/(Effluent/Sewage)	Total Kjeldahl Nitrogen as TKN	APHA, 23rd Edition 2017/4500-NH3-B, C
57	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water/(Effluent/Sewage)	Total solids	APHA, 23rd Edition 2017/ 2540-B
58	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water/(Effluent/Sewage)	Total Suspended solids	APHA, 23rd Edition 2017/ 2540-D
59	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water/(Effluent/Sewage)	Turbidity	APHA, 23rd Edition 2017/ 2130-B
60	CHEMICAL- WATER	Drinking Water	Calcium as Ca	APHA, 23rd Edition 2017/3500-Ca- B
61	CHEMICAL- WATER	Drinking Water	Chloride as Cl	APHA, 23rd Edition 2017/ 4500 Cl- B
62	CHEMICAL- WATER	Drinking Water	Color	APHA, 23rd Edition 2017/ 2120 -B
63	CHEMICAL- WATER	Drinking Water	Dissolved Oxygen (DO)	APHA, 23rd Edition 2017/4500-B & C
64	CHEMICAL- WATER	Drinking Water	Electrical Conductivity	APHA, 23rd Edition 2017/2510-B
65	CHEMICAL- WATER	Drinking Water	Fluoride as F-	APHA, 23rd Edition 2017/4500-F - - B, D
66	CHEMICAL- WATER	Drinking Water	Hexa valent Chromium as Cr+6	APHA, 23rd Edition 2017/3500 Cr B
67	CHEMICAL- WATER	Drinking Water	Iron as Fe	APHA, 23rd Edition 2017/3500-Fe- B
68	CHEMICAL- WATER	Drinking Water	Magnesium as Mg	APHA, 23rd Edition 2017/3500-Mg-B

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69	CHEMICAL- WATER	Drinking Water	Nitrite	APHA, 23rd Edition 2017/4500-NO2-B
70	CHEMICAL- WATER	Drinking Water	pH	APHA, 23rd Edition
71	CHEMICAL- WATER	Drinking Water	Phosphate	APHA, 23rd Edition 2017/4500-P
72	CHEMICAL- WATER	Drinking Water	Potassium as K	APHA, 23rd Edition 2017/3500-K B
73	CHEMICAL- WATER	Drinking Water	Reactive Silica as SiO2	APHA, 23rd Edition 2017/ 4500-C
74	CHEMICAL- WATER	Drinking Water	Sodium as Na	APHA, 23rd Edition 2017/3500-Na -B
75	CHEMICAL- WATER	Drinking Water	Sulphate as SO4	APHA, 23rd Edition 2017/4500-SO42-
76	CHEMICAL- WATER	Drinking Water	Temperature	APHA, 23rd Edition 2017/2550B
77	CHEMICAL- WATER	Drinking Water	Total Alkalinity as CaCO3	APHA, 23rd Edition 2017/2320-B
78	CHEMICAL- WATER	Drinking Water	Total dissolved solids	APHA, 23rd Edition 2017/ 2540-C
79	CHEMICAL- WATER	Drinking Water	Total Hardness as CaCO3	APHA, 23rd Edition 2017/2340-C
80	CHEMICAL- WATER	Drinking Water	Total solids	APHA, 23rd Edition 2017/ 2540-B
81	CHEMICAL- WATER	Drinking Water	Total Suspended solids	APHA, 23rd Edition 2017/ 2540-D
82	CHEMICAL- WATER	Drinking Water	Turbidity	APHA, 23rd Edition 2017/ 2130-B