National Accreditation Board for Testing and Calibration Laboratories

SCOPE OF ACCREDITATION

Laboratory Name : GREEN CIRCLE INC, GREEN EMPIRE (ANUPUSHAM), GOTRI ROAD, VADODARA, GUJARAT, INDIA

Accreditation Standard ISO/IEC 17025:2017

Certificate Number TC-10270 **Page No** 1 of 6

Validity 29/01/2022 to 28/01/2024 **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	Ammonia	GCI/LAB/TP/AA 05 & 01.04.16 Issue No. 01 Based CPCB Vol. I
2	CHEMICAL- ATMOSPHERIC POLLUTION	Ambient Air	Lead	IS 5182 (Part-22)
3	CHEMICAL- ATMOSPHERIC POLLUTION	Ambient Air	Nickel	GCI/LAB/TP/AA 07& 01.04.16 Issue No. 01 Based CPCB Vol. I
4	CHEMICAL- ATMOSPHERIC POLLUTION	Ambient Air	Oxides of Nitrogen	IS 5182 (Part-6)
5	CHEMICAL- ATMOSPHERIC POLLUTION	Ambient Air	Ozone	IS 5182 (Part-9)
6	CHEMICAL- ATMOSPHERIC POLLUTION	Ambient Air	Particulate Matter (PM10)	IS 5182 (Part-23)
7	CHEMICAL- ATMOSPHERIC POLLUTION	Ambient Air	Particulate Matter (PM2.5)	IS 5182 (Part-24)
8	CHEMICAL- ATMOSPHERIC POLLUTION	Ambient Air	Sulfur Dioxide	IS 5182 (Part 2)
9	CHEMICAL- POLLUTION & ENVIRONMENT	Sludge	Cadmium	EPA 7000B Rev.2
10	CHEMICAL- POLLUTION & ENVIRONMENT	Sludge	Copper	EPA 7000B Rev.2
11	CHEMICAL- POLLUTION & ENVIRONMENT	Sludge	Iron as Fe	EPA 7000 B Rev.2
12	CHEMICAL- POLLUTION & ENVIRONMENT	Sludge	Lead	EPA 7000B Rev.2
13	CHEMICAL- POLLUTION & ENVIRONMENT	Sludge	Moisture	IS 9235
14	CHEMICAL- POLLUTION & ENVIRONMENT	Sludge	Nickel	EPA 7000B Rev.2
15	CHEMICAL- POLLUTION & ENVIRONMENT	Sludge	pH	IS 10158
16	CHEMICAL- POLLUTION & ENVIRONMENT	Sludge	Zinc	EPA 7000B,Rev.2
17	CHEMICAL- POLLUTION & ENVIRONMENT	Soil/Sediments	Available Calcium	GCI/LAB/TP/SW12. 01/04/2012 Based Handbook of Methods in Environmental Studies Vol.2,First Edition

SCOPE OF ACCREDITATION

Laboratory Name : GREEN CIRCLE INC, GREEN EMPIRE (ANUPUSHAM), GOTRI ROAD, VADODARA, GUJARAT, INDIA

Accreditation Standard ISO/IEC 17025:2017

Certificate Number TC-10270 **Page No** 2 of 6

Validity 29/01/2022 to 28/01/2024 **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
18	CHEMICAL- POLLUTION & ENVIRONMENT	Soil/Sediments	Available Magnesium	GCI/LAB/TP/SW13. 01.04.2012 Based IARI
19	CHEMICAL- POLLUTION & ENVIRONMENT	Soil/Sediments	Cadmium as Cd	EPA 7000B Rev.2
20	CHEMICAL- POLLUTION & ENVIRONMENT	Soil/Sediments	Copper as Cu	EPA 7000B Rev.2
21	CHEMICAL- POLLUTION & ENVIRONMENT	Soil/Sediments	Electrical Conductivity (EC)	IS 14767
22	CHEMICAL- POLLUTION & ENVIRONMENT	Soil/Sediments	Iron as Fe	EPA 7000B Rev.2
23	CHEMICAL- POLLUTION & ENVIRONMENT	Soil/Sediments	Lead as Pb	EPA 7000B Rev.2
24	CHEMICAL- POLLUTION & ENVIRONMENT	Soil/Sediments	Moisture	IS 2720 (Part 2)
25	CHEMICAL- POLLUTION & ENVIRONMENT	Soil/Sediments	Nickel as Ni	EPA 7000B Rev.2
26	CHEMICAL- POLLUTION & ENVIRONMENT	Soil/Sediments	Organic Carbon	IS 2720 (Part 22)
27	CHEMICAL- POLLUTION & ENVIRONMENT	Soil/Sediments	Organic Matter	IS 2720 (Part 22)
28	CHEMICAL- POLLUTION & ENVIRONMENT	Soil/Sediments	pH	IS 2720 (Part 26)
29	CHEMICAL- POLLUTION & ENVIRONMENT	Soil/Sediments	Total Kjeldhal Nitrogen	IS 14684
30	CHEMICAL- POLLUTION & ENVIRONMENT	Soil/Sediments	Total Soluble Sulphate	IS 2720 (Part 27)
31	CHEMICAL- POLLUTION & ENVIRONMENT	Soil/Sediments	Zinc as Zn	EPA 7000B Rev.2
32	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water (Effluents/ Sewage)	Ammonical Nitrogen	APHA (23rd edition) 4500-NH3-N-B,C
33	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water (Effluents/ Sewage)	Biochemical Oxygen Demand	IS 3025 (Part-44)
34	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water (Effluents/ Sewage)	Calcium Hardness	APHA (23rd edition) 3500-Ca, B
35	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water (Effluents/ Sewage)	Chemical Oxygen Demand	APHA (23rd edition) 5220 B
36	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water (Effluents/ Sewage)	Chloride	APHA (23rd edition) 4500-Cl B

National Accreditation Board for Testing and Calibration Laboratories

SCOPE OF ACCREDITATION

Laboratory Name : GREEN CIRCLE INC, GREEN EMPIRE (ANUPUSHAM), GOTRI ROAD, VADODARA, GUJARAT, INDIA

Accreditation Standard ISO/IEC 17025:2017

Certificate Number TC-10270 **Page No** 3 of 6

Validity 29/01/2022 to 28/01/2024 **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
37	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water (Effluents/ Sewage)	Color	APHA (23rd edition) 2120 B
38	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water (Effluents/ Sewage)	Conductivity	APHA (23rd edition) 2510 B
39	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water (Effluents/ Sewage)	Dissolved Oxygen	APHA (23rd edition)4500-O-C
40	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water (Effluents/ Sewage)	Free Residual Chlorine	APHA (23rd edition) 4500 Cl B & C
41	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water (Effluents/ Sewage)	Hexavalent Chromium	APHA (23rd edition) 3500-Cr, B
42	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water (Effluents/ Sewage)	Magnesium Hardness	APHA (23rd edition) 3500-Mg, B
43	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water (Effluents/ Sewage)	Oil & Grease	APHA(23rd Edition)5520-O&G-B
44	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water (Effluents/ Sewage)	pH @ 25 ºC	APHA(23rd Edition)4500-H+B
45	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water (Effluents/ Sewage)	Sulphate	APHA (23rd edition) 4500-SO4-2 E
46	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water (Effluents/ Sewage)	Sulphide	APHA (23rd edition) 4500-S F
47	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water (Effluents/ Sewage)	Temperature	APHA (23rd edition) 2550 B
48	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water (Effluents/ Sewage)	Total Dissolved Solids	APHA (23rd edition) 2540 C
49	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water (Effluents/ Sewage)	Total Hardness	APHA (23rd edition) 2340 C
50	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water (Effluents/ Sewage)	Total Kjeldahl Nitrogen (TKN) as N	APHA (23rd edition)4500 NORG-B
51	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water (Effluents/ Sewage)	Total Phosphate	APHA (23rd edition) 4500-P B,D
52	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water (Effluents/ Sewage)	Total Solids	APHA(23rd edition) 2540 B
53	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water (Effluents/ Sewage)	Total Suspended Solids	APHA (23rd edition) 2540 D
54	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water (Effluents/ Sewage)	Turbidity	APHA (23rd edition) 2130 B
55	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water(Effluents/Sewage)	Acidity	APHA 23rd Edition:2310 B

SCOPE OF ACCREDITATION

Laboratory Name : GREEN CIRCLE INC, GREEN EMPIRE (ANUPUSHAM), GOTRI ROAD, VADODARA, GUJARAT, INDIA

Accreditation Standard ISO/IEC 17025:2017

Certificate Number TC-10270 **Page No** 4 of 6

Validity 29/01/2022 to 28/01/2024 **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
56	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water(Effluents/Sewage)	Total Alkalinity as CaCO3	APHA 23rd Edition 2320B
57	CHEMICAL- RESIDUES IN WATER	Drinking water	Cadmium	APHA (23rd edition)3111 B
58	CHEMICAL- RESIDUES IN WATER	Drinking Water	Cobalt	APHA (23rd edition)3111 B
59	CHEMICAL- RESIDUES IN WATER	Drinking water	Copper as Cu	APHA (23rd edition)3111 B
60	CHEMICAL- RESIDUES IN WATER	Drinking water	Iron as Fe	APHA (23rd edition)3111 B
61	CHEMICAL- RESIDUES IN WATER	Drinking water	Lead	APHA (23rd edition)3111 B
62	CHEMICAL- RESIDUES IN WATER	Drinking water	Manganese	APHA (23rd edition)3111 B
63	CHEMICAL- RESIDUES IN WATER	Drinking water	Nickel	APHA (23rd edition)3111 B
64	CHEMICAL- RESIDUES IN WATER	Drinking water	Potassium	APHA (23rd edition) 3111 B
65	CHEMICAL- RESIDUES IN WATER	Drinking water	Sodium	APHA (23rd edition) 3111 B
66	CHEMICAL- RESIDUES IN WATER	Drinking water	Total Chromium as Cr	APHA (23rd edition)3500-Cr B
67	CHEMICAL- RESIDUES IN WATER	Drinking water	Zinc as Zn	APHA (23rd edition)3111 B
68	CHEMICAL- RESIDUES IN WATER	Waste Water (Effluents/Sewage)	Cadmium	APHA (23rd edition) 3111 B
69	CHEMICAL- RESIDUES IN WATER	Waste Water (Effluents/Sewage)	Cobalt	APHA (23rd edition)3111 B
70	CHEMICAL- RESIDUES IN WATER	Waste Water (Effluents/Sewage)	Copper	APHA (23rd edition) 3111 B
71	CHEMICAL- RESIDUES IN WATER	Waste Water (Effluents/Sewage)	Iron	APHA(23rd Edition)3111 B
72	CHEMICAL- RESIDUES IN WATER	Waste Water (Effluents/Sewage)	Lead	APHA(23rd edition)3111 B
73	CHEMICAL- RESIDUES IN WATER	Waste Water (Effluents/Sewage)	Manganese	APHA(23rd edition)3111 B
74	CHEMICAL- RESIDUES IN WATER	Waste Water (Effluents/Sewage)	Nickel	APHA(23rd Edition)3111 B

SCOPE OF ACCREDITATION

Laboratory Name : GREEN CIRCLE INC, GREEN EMPIRE (ANUPUSHAM), GOTRI ROAD, VADODARA, GUJARAT, INDIA

Accreditation Standard ISO/IEC 17025:2017

Certificate Number TC-10270 **Page No** 5 of 6

Validity 29/01/2022 to 28/01/2024 **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
75	CHEMICAL- RESIDUES IN WATER	Waste Water (Effluents/Sewage)	Potassium	APHA (23rd edition)3111 B
76	CHEMICAL- RESIDUES IN WATER	Waste Water (Effluents/Sewage)	Sodium	APHA (23rd edition)3111 B
77	CHEMICAL- RESIDUES IN WATER	Waste Water (Effluents/Sewage)	Total Chromium	APHA (23rd edition) 3111 B
78	CHEMICAL- RESIDUES IN WATER	Waste Water (Effluents/Sewage)	ZInc	APHA (23rd edition) 3111 B
79	CHEMICAL- WATER	Drinking Water	Acidity as CaCO3	APHA (23rd edition)2310 B
80	CHEMICAL- WATER	Drinking Water	Calcium Hardness as CaCO3	APHA (23rd edition)3500-Ca B
81	CHEMICAL- WATER	Drinking Water	Chemical Oxygen Demand (COD)	APHA (23rd edition)5220 B
82	CHEMICAL- WATER	Drinking Water	Chloride as Cl	APHA (23rd edition)4500-Cl B
83	CHEMICAL- WATER	Drinking Water	Color	APHA (23rd edition)2120 B
84	CHEMICAL- WATER	Drinking Water	Conductivity	APHA (23rd edition)2510 B
85	CHEMICAL- WATER	Drinking Water	Dissolved Oxygen	APHA (23rd edition)4500-O-C
86	CHEMICAL- WATER	Drinking Water	Hexavalent Chromium as Cr6+	APHA (23rd edition)3500-Cr B
87	CHEMICAL- WATER	Drinking Water	Magnesium Hardness as CaCO3	APHA (23rd edition)3500-Mg B
88	CHEMICAL- WATER	Drinking Water	Nitrate	APHA (23rd edition)4500 NO3-B
89	CHEMICAL- WATER	Drinking Water	pH @ 25 ºC	APHA (23rd edition)4500-H+ B
90	CHEMICAL- WATER	Drinking Water	Residual Free Chlorine	APHA (23rd edition)4500-Cl B & C
91	CHEMICAL- WATER	Drinking Water	Sulphate as SO4	APHA (23rd edition)4500-SO4-2 E
92	CHEMICAL- WATER	Drinking Water	TDS (Total Dissolved Solids)	APHA (23rd edition)2540 C
93	CHEMICAL- WATER	Drinking Water	Total Alkalinity as CaCO3	APHA (23rd edition) 2320 C
94	CHEMICAL- WATER	Drinking Water	Total Hardness as CaCO3	APHA (23rd edition)2340 C
95	CHEMICAL- WATER	Drinking Water	TSS (Total Suspended Solids)	APHA (23rd edition)2540 D
96	CHEMICAL- WATER	Drinking Water	Turbidity	APHA (23rd edition)2130 B

National Accreditation Board for Testing and Calibration Laboratories

SCOPE OF ACCREDITATION

Laboratory Name :	GREEN CIRCLE INC, GREEN EMPIRE (ANUPUSHAM), GOTRI ROAD, VADODARA, GUJARAT, INDIA		
Accreditation Standard	ISO/IEC 17025:2017		
Certificate Number	TC-10270	**Page No**	6 of 6
Validity	29/01/2022 to 28/01/2024	**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
Site Facility				
1	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water (Effluents/ Sewage)	Temperature	APHA (23rd edition) 2550 B