National Accreditation Board for Testing and Calibration Laboratories

SCOPE OF ACCREDITATION

Laboratory Name : GANGA ENVIROTECH & RESEARCH LABORATORY, PLOT NO. 38, KHASRA NO. 82/3, SEMRA, CHINHAT, LUCKNOW, UTTAR PRADESH, INDIA

Accreditation Standard ISO/IEC 17025:2017

Certificate Number TC-10980 **Page No** 1 of 4

Validity 11/09/2022 to 10/09/2024 **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	IS 5182 (Part 25)
2	CHEMICAL- ATMOSPHERIC POLLUTION	Ambient Air	Nitrogen Oxide (NOx)	IS 5182 (Part 6)
3	CHEMICAL- ATMOSPHERIC POLLUTION	Ambient Air	Ozone	IS 5182 (Part 9)
4	CHEMICAL- ATMOSPHERIC POLLUTION	Ambient Air	Particulate Matter (PM10)	IS 5182 (Part 23)
5	CHEMICAL- ATMOSPHERIC POLLUTION	Ambient Air	Particulate Matter (PM2.5)	IS 5182 (Part 24)
6	CHEMICAL- ATMOSPHERIC POLLUTION	Ambient Air	Sulpher Dioxide (SOx)	IS 5182 (Part 2)
7	CHEMICAL- ATMOSPHERIC POLLUTION	Emission From Stack/Process Vent stack	Particulate Matter (PM)	IS 11255 (Part 1)
8	CHEMICAL- ATMOSPHERIC POLLUTION	Emission From Stack/Process Vent stack	Sulphur Dioxide (SOx)	IS 11255 (Part 2)
9	CHEMICAL- ATMOSPHERIC POLLUTION	Emission From Stack/Process Vent stack	Nitrogen Dioxide (NOx)	IS 11255 (Part 7)
10	CHEMICAL- ATMOSPHERIC POLLUTION	Noise Level	Leq (Equivalent Continuous Sound Level)	IS 9989
11	CHEMICAL- POLLUTION & ENVIRONMENT	Soil	Available Phosphorus	GERL/SOP/SS/09, Issue No.1, Issue Date: 30/10/2021
12	CHEMICAL- POLLUTION & ENVIRONMENT	Soil	Available Potassium	GERL/SOP/SS/12, Issue No.1, Issue Date: 30/10/2021
13	CHEMICAL- POLLUTION & ENVIRONMENT	Soil	Calcium	GERL/SOP/SS/06, Issue No.1, Issue Date: 30/10/2021
14	CHEMICAL- POLLUTION & ENVIRONMENT	Soil	Chloride	GERL/SOP/SS/08, Issue No.1, Issue Date: 30/10/2021
15	CHEMICAL- POLLUTION & ENVIRONMENT	Soil	Conductivity	IS 14767
16	CHEMICAL- POLLUTION & ENVIRONMENT	Soil	Magnesium	GERL/SOP/SS/06, Issue No.1, Issue Date: 30/10/2021
17	CHEMICAL- POLLUTION & ENVIRONMENT	Soil	Organic Matter	GERL/SOP/SS/10, Issue No.1, Issue Date: 30/10/2021
18	CHEMICAL- POLLUTION & ENVIRONMENT	Soil	pH	IS 2720 (Part 26)

SCOPE OF ACCREDITATION

Laboratory Name : GANGA ENVIROTECH & RESEARCH LABORATORY, PLOT NO. 38, KHASRA NO. 82/3, SEMRA, CHINHAT, LUCKNOW, UTTAR PRADESH, INDIA

Accreditation Standard ISO/IEC 17025:2017

Certificate Number TC-10980 **Page No** 2 of 4

Validity 11/09/2022 to 10/09/2024 **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
19	CHEMICAL- POLLUTION & ENVIRONMENT	Soil	Sulphate	IS 2720 (Part 27)
20	CHEMICAL- POLLUTION & ENVIRONMENT	Soil	Total Kjeldahl Nitrogen (TKN)	IS 14684 (Clause 3 & 4)
21	CHEMICAL- POLLUTION & ENVIRONMENT	Soil	Water Content	IS 2720 (Part 2)
22	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water	Acidity	APHA 23rd Edition 2310 B
23	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water	Alkalinity	APHA 23rd Edition 2320 B
24	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water	Ammonical Nitrogen	IS 3025 (Part 34)
25	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water	Biochemical Oxygen Demand (at 27°C for 3 days)	IS 3025 (Part 44)
26	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water	Calcium	APHA 23rd Edition 3500-Ca B
27	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water	Chemical Oxygen Demand	APHA 23rd Edition 5220 B
28	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water	Chloride	APHA 23rd Edition 4500-Cl B
29	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water	Conductivity	APHA 23rd Edition 2510 B
30	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water	Dissolved Oxygen	APHA 23rd Edition 4500-O C
31	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water	Fluoride	APHA 23rd Edition 4500-F D
32	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water	Magnesium	APHA 23rd Edition 3500 B
33	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water	Nitrogen (Nitrate)	APHA 23rd Edition 4500-NO3 B
34	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water	Nitrogen (Nitrite)	IS 3025 (Part 34)
35	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water	Odour	APHA 23rd Edition 2150 B
36	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water	Oil & Grease	APHA 23rd Edition 5520 B
37	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water	pH	APHA 23rd Edition 4500-H+ B

SCOPE OF ACCREDITATION

Laboratory Name : GANGA ENVIROTECH & RESEARCH LABORATORY, PLOT NO. 38, KHASRA NO. 82/3, SEMRA, CHINHAT, LUCKNOW, UTTAR PRADESH, INDIA

Accreditation Standard ISO/IEC 17025:2017

Certificate Number TC-10980 **Page No** 3 of 4

Validity 11/09/2022 to 10/09/2024 **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
38	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water	Phosphate	APHA 23rd Edition 4500-P D
39	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water	Potassium	APHA 23rd Edition 3500-K B
40	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water	Sodium	APHA 23rd Edition 3500-Na B
41	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water	Sulphate	APHA 23rd Edition 4500-SO4 E
42	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water	Temperature	APHA 23rd Edition 2550 B
43	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water	Total Dissolved Solids (TDS)	APHA 23rd Edition 2540 C
44	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water	Total Hardness	APHA 23rd Edition 2340 C
45	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water	Total Kjeldahl Nitrogen (TKN)	IS 3025 (Part 34)
46	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water	Total Solids	APHA 23rd Edition 2540 B
47	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water	Total Suspended Solids	APHA 23rd Edition 2540 D
48	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water	Turbidity	APHA 23rd Edition 2130 B
49	CHEMICAL- WATER	Drinking Water	Acidity	APHA 23rd Edition 2310 B
50	CHEMICAL- WATER	Drinking Water	Alkalinity	APHA 23rd Edition 2320 B
51	CHEMICAL- WATER	Drinking Water	Calcium	APHA 23rd Edition 3500-Ca B
52	CHEMICAL- WATER	Drinking Water	Chloride	APHA 23rd Edition 4500-Cl B
53	CHEMICAL- WATER	Drinking Water	Conductivity	APHA 23rd Edition 2510 B
54	CHEMICAL- WATER	Drinking Water	Fluoride	APHA 23rd Edition 4500-F D
55	CHEMICAL- WATER	Drinking Water	Magnesium	APHA 23rd Edition 3500 B
56	CHEMICAL- WATER	Drinking Water	Nitrogen (Nitrate)	APHA 23rd Edition 4500-NO3 B
57	CHEMICAL- WATER	Drinking Water	Nitrogen (Nitrite)	APHA 23rd Edition 4500-NO2 B
58	CHEMICAL- WATER	Drinking Water	Odour	APHA 23rd Edition 2150 B
59	CHEMICAL- WATER	Drinking Water	pH	APHA 23rd Edition 4500-H+ B
60	CHEMICAL- WATER	Drinking Water	Phosphate	APHA 23rd Edition 4500-P D
61	CHEMICAL- WATER	Drinking Water	Sulphate	APHA 23rd Edition 4500-SO4 E

National Accreditation Board for Testing and Calibration Laboratories

SCOPE OF ACCREDITATION

Laboratory Name : GANGA ENVIROTECH & RESEARCH LABORATORY, PLOT NO. 38, KHASRA NO. 82/3, SEMRA, CHINHAT, LUCKNOW, UTTAR PRADESH, INDIA

Accreditation Standard ISO/IEC 17025:2017

Certificate Number TC-10980 **Page No** 4 of 4

Validity 11/09/2022 to 10/09/2024 **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
62	CHEMICAL- WATER	Drinking Water	Temperature	APHA 23rd Edition 2550 B
63	CHEMICAL- WATER	Drinking Water	Total Dissolved Solids (TDS)	APHA 23rd Edition 2540 C
64	CHEMICAL- WATER	Drinking Water	Total Hardness	APHA 23rd Edition 2340 C
65	CHEMICAL- WATER	Drinking Water	Total Solids	APHA 23rd Edition 2540 B
66	CHEMICAL- WATER	Drinking Water	Total Suspended Solid	APHA 23rd Edition 2540 D
67	CHEMICAL- WATER	Drinking Water	Turbidity	APHA 23rd Edition 2130 B