National Accreditation Board for Testing and Calibration Laboratories

SCOPE OF ACCREDITATION

Laboratory Name : CENTRE FOR GROUND WATER RECHARGE-TESTING LABORATORIES, PLOT NO. 90/A, SECTOR-02, RAIPUR, CHHATTISGARH, INDIA

Accreditation Standard ISO/IEC 17025:2017

Certificate Number TC-6813 **Page No** 1 of 4

Validity 13/07/2022 to 12/07/2024 **Last Amended on** 08/10/2022

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	BIOLOGICAL- WATER	Ground Water / Surface water	Total Coliform	APHA 23rd Edition 9222B/2a
2	BIOLOGICAL- WATER	Ground water /Surface water	Total Plate Count	APHA 23rd Edition9215 A/6a
3	BIOLOGICAL- WATER	Waste Water	Fecal Coliform	APHA 23rd Edition 9222D/1a
4	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water	Bio-Chemical Oxygen Demand - 5 days	APHA 23rd Edition 2017-5210B / 4500 O- C
5	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water	Chemical Oxygen Demand	APHA 23rd Edition 2017-5220 B, C
6	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water	Dissolved Oxygen	APHA 23rd Edition 2017-4500 O B, C
7	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water	Electrical Conductivity	APHA 23rd Edition 2017- 2510 A.
8	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water	Iron	APHA 23rd Edition 2017 -3500-Fe-B
9	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water	Nitrate (as NO3)	IS 3025 (Pt.34):1988 RA 2003
10	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water	Nitrogen Ammoniacal	APHA 23rd Edition 2017- 4500 NH3 B,C
11	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water	Oil and grease	APHA 23rd Edition 2017-5520 O&G B, C
12	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water	pH value	APHA 23rd Edition 2017- 4500-H+ A.
13	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water	Phosphates	APHA-23rd Edition 2017-4500P-D
14	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water	Potassium	APHA- 23rd Edition 2017- 3500 K-B
15	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water	Sodium	APHA- 23rd Edition 2017-3500 Na-B
16	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water	Temperature	APHA 23rd Edition 2017 -2550 B
17	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water	Total dissolved solids	APHA 23rd Edition 2017-2540 C.
18	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water	Total Kjeldahl Nitrogen	APHA 23rd Edition 2017-4500 N. (org) B
19	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water	Total suspended solids	APHA 23rd Edition 2017 2540 D.

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20	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water	Turbidity	APHA 23rd Edition 2017 -2130 B.
21	CHEMICAL- WATER	Ground Water/ Drinking Water	Alkalinity	APHA 23rd Edition 2017 2320 B.
22	CHEMICAL- WATER	Ground Water/ Drinking Water	Calcium	APHA 23rd Edition 2017 3500-Ca-B
23	CHEMICAL- WATER	Ground Water/ Drinking Water	Chloride	APHA 23rd Edition 2017 4500-Cl- B.
24	CHEMICAL- WATER	Ground Water/ Drinking Water	Colour	APHA 23rd Edition 2017, 2120 B.
25	CHEMICAL- WATER	Ground Water/ Drinking Water	Conductivity	APHA 23rd Edition 2017- 2510 A.
26	CHEMICAL- WATER	Ground Water/ Drinking Water	Fluoride	APHA 23rd Edition 2017- 4500-F D.
27	CHEMICAL- WATER	Ground Water/ Drinking Water	Iron	APHA 23rd Edition 2017 -3500-Fe-B
28	CHEMICAL- WATER	Ground Water/ Drinking Water	Magnesium	APHA 23rd Edition 2017- 2340-C
29	CHEMICAL- WATER	Ground Water/ Drinking Water	Nitrate	IS 3025 (Part 34): 1988 (RA 2003)
30	CHEMICAL- WATER	Ground Water/ Drinking Water	pH	APHA 23rd Edition 2017- 4500-H+ A.
31	CHEMICAL- WATER	Ground Water/ Drinking Water	Phosphate	APHA-23rd Edition 2017-4500P-D
32	CHEMICAL- WATER	Ground Water/ Drinking Water	Potassium	APHA- 23rd Edition 2017- 3500 K-B
33	CHEMICAL- WATER	Ground Water/ Drinking Water	Residual Chlorine	APHA-23rd Edition 2017- 4500 Cl-B
34	CHEMICAL- WATER	Ground Water/ Drinking Water	Silica	APHA 23rd Edition 2017-4500 SiO2-C
35	CHEMICAL- WATER	Ground Water/ Drinking Water	Sodium	APHA- 23rd Edition 2017-3500 Na-B
36	CHEMICAL- WATER	Ground Water/ Drinking Water	Sulphate	APHA 23rd Edition 2017- 4500 SO4 - E.
37	CHEMICAL- WATER	Ground Water/ Drinking Water	Total Dissolved Solids	APHA 23rd Edition 2017-2540 C.
38	CHEMICAL- WATER	Ground Water/ Drinking Water	Total Hardness	APHA 23rd Edition 2017 2340-C

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39	CHEMICAL- WATER	Ground Water/ Drinking Water	Total Suspended Solids	APHA 23rd Edition 2017 2540 D.
40	CHEMICAL- WATER	Ground Water/ Drinking Water	Turbidity	APHA 23rd Edition 2017 -2130 B.
41	CHEMICAL- WATER	Surface Water	Alkalinity	APHA 23rd Edition 2017 2320 B
42	CHEMICAL- WATER	Surface Water	Calcium	APHA 23rd Edition 2017 3500-Ca-B
43	CHEMICAL- WATER	Surface Water	Chloride	APHA 23rd Edition 2017 4500-Cl- B
44	CHEMICAL- WATER	Surface Water	Colour	APHA 23rd Edition 2017, 2120 B
45	CHEMICAL- WATER	Surface Water	Conductivity	APHA 23rd Edition 2017-2510 A
46	CHEMICAL- WATER	Surface Water	Fluoride	APHA 23rd Edition 2017- 4500-F D
47	CHEMICAL- WATER	Surface Water	Iron	APHA 23rd Edition 2017 -3500-Fe-B
48	CHEMICAL- WATER	Surface Water	Magnesium	APHA 23rd Edition 2017- 2340-C
49	CHEMICAL- WATER	Surface Water	Nitrate	IS 3025 (Part 34): 1988 (RA 2003)
50	CHEMICAL- WATER	Surface Water	pH Value	APHA 23rd Edition 2017- 4500-H+ A
51	CHEMICAL- WATER	Surface Water	Phosphate	APHA-23rd Edition 2017-4500P-D
52	CHEMICAL- WATER	Surface Water	Potassium	APHA- 23rd Edition 2017- 3500 K-B
53	CHEMICAL- WATER	Surface Water	Residual Chlorine	APHA-23rd Edition 2017- 4500 Cl-B
54	CHEMICAL- WATER	Surface Water	Silica	APHA 23rd Edition 2017-4500 SiO2-C
55	CHEMICAL- WATER	Surface Water	Sodium	APHA- 23rd Edition 2017-3500 Na-B
56	CHEMICAL- WATER	Surface Water	Sulphate	APHA 23rd Edition 2017- 4500 SO4-E
57	CHEMICAL- WATER	Surface Water	Total Dissolved Solids	APHA 23rd Edition 2017-2540 C
58	CHEMICAL- WATER	Surface Water	Total Hardness	APHA 23rd Edition 2017 2340-C

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59	CHEMICAL- WATER	Surface Water	Total Suspended Solids	APHA 23rd Edition 2017 2540 D
60	CHEMICAL- WATER	Surface Water	Turbidity	APHA 23rd Edition 2017-2130 B