National Accreditation Board for Testing and Calibration Laboratories

SCOPE OF ACCREDITATION

Laboratory Name : RE SUSTAINABILITY LIMITED (UNIT-UTTAR PRADESH WASTE MANAGEMENT PROJECT TESTING LABORATORY), PLOT NO. 672 ON NH-2 SIKANDRA ROAD, VILLAGE - KUMBHI, AKBARPUR, KANPUR DEHAT, UTTAR PRADESH, INDIA

Accreditation Standard ISO/IEC 17025:2017

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Validity 12/01/2023 to 11/01/2025 **Last Amended on** 25/01/2023

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	Oxides of Nitrogen	IS 5182 (Part 6)
2	CHEMICAL- ATMOSPHERIC POLLUTION	Ambient Air	Particulate Matter (PM10)	IS 5182 (Part 23)
3	CHEMICAL- ATMOSPHERIC POLLUTION	Ambient Air	Sulphur Dioxide	IS 5182 (Part 2)
4	CHEMICAL- ATMOSPHERIC POLLUTION	Stack Emission	Oxides of Nitrogen	IS 11255 (Part 7)
5	CHEMICAL- ATMOSPHERIC POLLUTION	Stack Emission	Particulate Matter	IS 11255 (Part 1)
6	CHEMICAL- POLLUTION & ENVIRONMENT	Effluents/ Waste Water	Acidity as CaCO3	APHA 23rd Edition 2310 B
7	CHEMICAL- POLLUTION & ENVIRONMENT	Effluents/ Waste Water	Alkalinity as CaCO3	APHA 23rd Edition 2320 B
8	CHEMICAL- POLLUTION & ENVIRONMENT	Effluents/ Waste Water	Biological Oxygen Demand (03 days at 27 °C)	IS 3025 (Part 44)
9	CHEMICAL- POLLUTION & ENVIRONMENT	Effluents/ Waste Water	Chlorides as Cl	APHA 23rd Edition 4500-Cl B &C
10	CHEMICAL- POLLUTION & ENVIRONMENT	Effluents/ Waste Water	Dissolved Oxygen	APHA 23rd Edition 4500-O C
11	CHEMICAL- POLLUTION & ENVIRONMENT	Effluents/ Waste Water	Fixed Solids	APHA 23rd Edition 2540 E
12	CHEMICAL- POLLUTION & ENVIRONMENT	Effluents/ Waste Water	Flouride as F-	APHA 23rd Edition 4500-F D
13	CHEMICAL- POLLUTION & ENVIRONMENT	Effluents/ Waste Water	Magnesium as Mg	APHA 23rd Edition 3500-Mg B
14	CHEMICAL- POLLUTION & ENVIRONMENT	Effluents/ Waste Water	Nitrate Nitrogen as NO3-	APHA 23rd Edition 4500-NO3 B
15	CHEMICAL- POLLUTION & ENVIRONMENT	Effluents/ Waste Water	Nitrite Nitrogen as NO2-	APHA 23rd Edition 4500-NO2 B
16	CHEMICAL- POLLUTION & ENVIRONMENT	Effluents/ Waste Water	Nitrogen (Ammonia) as NH3	APHA 23rd Edition 4500-NH3 B & C
17	CHEMICAL- POLLUTION & ENVIRONMENT	Effluents/ Waste Water	pH	APHA 23rd Edition 4500-H+ B
18	CHEMICAL- POLLUTION & ENVIRONMENT	Effluents/ Waste Water	Sodium as Na	APHA 23rd Edition 3500-Na B

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19	CHEMICAL- POLLUTION & ENVIRONMENT	Effluents/ Waste Water	Sulphates as SO4 2-	APHA 23rd Edition 4500-SO4 2- B
20	CHEMICAL- POLLUTION & ENVIRONMENT	Effluents/ Waste Water	Temperature	APHA 23rd Edition 2550 B
21	CHEMICAL- POLLUTION & ENVIRONMENT	Effluents/ Waste Water	Total Dissolved Solids	APHA 23rd Edition 2540 C
22	CHEMICAL- POLLUTION & ENVIRONMENT	Effluents/ Waste Water	Total Hardness as CaCO3	APHA 23rd Edition 2340 C
23	CHEMICAL- POLLUTION & ENVIRONMENT	Effluents/ Waste Water	Total Solids	APHA 23rd Edition 2540 B
24	CHEMICAL- POLLUTION & ENVIRONMENT	Effluents/ Waste Water	Volatile Solids	APHA 23rd Edition 2540 E
25	CHEMICAL- POLLUTION & ENVIRONMENT	Effluents/ Waste Water	Calcium as Ca	APHA 23rd Edition 3500-Ca B
26	CHEMICAL- POLLUTION & ENVIRONMENT	Effluents/ Waste Water	Chemical Oxygen Demand	APHA 23rd Edition 5220 B
27	CHEMICAL- POLLUTION & ENVIRONMENT	Effluents/ Waste Water	Conductivity	APHA 23rd Edition 2510 B
28	CHEMICAL- POLLUTION & ENVIRONMENT	Effluents/ Waste Water	Total Cyanides as CN	APHA 23rd Edition 4500-CN C & E
29	CHEMICAL- POLLUTION & ENVIRONMENT	Hazardous Waste	Ash Contents at 900 °C	APHA 23rd Edition 2540
30	CHEMICAL- POLLUTION & ENVIRONMENT	Hazardous Waste	Bulk Density	APHA 23rd Edition 2710 F
31	CHEMICAL- POLLUTION & ENVIRONMENT	Hazardous Waste	Calorific Value	UPWMP/SOP/29, Issue No. 01, Issue Date: 25.11.2022
32	CHEMICAL- POLLUTION & ENVIRONMENT	Hazardous Waste	Extractable Organics	USEPA SW-846
33	CHEMICAL- POLLUTION & ENVIRONMENT	Hazardous Waste	Flash Point	USEPA SW-846
34	CHEMICAL- POLLUTION & ENVIRONMENT	Hazardous Waste	Iron as Fe	USEPA SW-846 (Method 7380)
35	CHEMICAL- POLLUTION & ENVIRONMENT	Hazardous Waste	Loss on Drying at 105 °C	APHA 23rd Edition 2540
36	CHEMICAL- POLLUTION & ENVIRONMENT	Hazardous Waste	Loss on Ignition at 550 °C	APHA 23rd Edition 2540
37	CHEMICAL- POLLUTION & ENVIRONMENT	Hazardous Waste	Moisture Content	IS 326 (Part 21)

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38	CHEMICAL- POLLUTION & ENVIRONMENT	Hazardous Waste	pH	USEPA SW-846
39	CHEMICAL- POLLUTION & ENVIRONMENT	Hazardous Waste	Reactive Cyanide as HCN	USEPA SW-846
40	CHEMICAL- POLLUTION & ENVIRONMENT	Hazardous Waste	Water Soluble Inorganics	APHA 23rd Edition 2540 E
41	CHEMICAL- POLLUTION & ENVIRONMENT	Hazardous Waste	Water Soluble Organics	APHA 23rd Edition 2540 E
42	CHEMICAL- WATER	Bore Hole & Domestic Water	Calcium as Ca	APHA 23rd Edition 3500-Ca B
43	CHEMICAL- WATER	Bore Hole & Domestic Water	Conductivity	APHA 23rd Edition 2510 B
44	CHEMICAL- WATER	Bore Hole & Domestic Water	Dissolved Oxygen	APHA 23rd Edition 4500-O C
45	CHEMICAL- WATER	Borehole & Domestic Water	Acidity as CaCO3	APHA 23rd Edition 2310 B
46	CHEMICAL- WATER	Borehole & Domestic Water	Alkalinity as CaCO3	APHA 23rd Edition 2320 B
47	CHEMICAL- WATER	Borehole & Domestic Water	Biological Oxygen Demand (03 days at 27 °C)	IS 3025 (Part 44)
48	CHEMICAL- WATER	Borehole & Domestic Water	Chemical Oxygen Demand	APHA 23rd Edition 5220 B
49	CHEMICAL- WATER	Borehole & Domestic Water	Chlorides as Cl	APHA 23rd Edition 4500-Cl B & C
50	CHEMICAL- WATER	Borehole & Domestic Water	Fixed Solids	APHA 23rd Edition 2540 E
51	CHEMICAL- WATER	Borehole & Domestic Water	Flourides as F-	APHA 23rd Edition 4500-F D
52	CHEMICAL- WATER	Borehole & Domestic Water	Magnesium as Mg	APHA 23rd Edition 3500-Mg B
53	CHEMICAL- WATER	Borehole & Domestic Water	Nitrate Nitrogen as N03	APHA 23rd Edition 4500-NO3 B
54	CHEMICAL- WATER	Borehole & Domestic Water	Nitrite Nitrogen as NO2-	APHA 23rd Edition 4500-NO2 B
55	CHEMICAL- WATER	Borehole & Domestic Water	Nitrogen (Ammonia) as NH3	APHA 23rd Edition 4500-NH3 B & C
56	CHEMICAL- WATER	Borehole & Domestic Water	pH	APHA 23rd Edition 4500-H+ B
57	CHEMICAL- WATER	Borehole & Domestic Water	Phosphorous as P	APHA 23rd Edition 4500-P D
58	CHEMICAL- WATER	Borehole & Domestic Water	Potassium as K	APHA 23rd Edition 3500-K B
59	CHEMICAL- WATER	Borehole & Domestic Water	Sodium as Na	APHA 23rd Edition 3500-Na B
60	CHEMICAL- WATER	Borehole & Domestic Water	Sulphates as SO4	APHA 23rd Edition 4500-SO4 D
61	CHEMICAL- WATER	Borehole & Domestic Water	Temperature	APHA 23rd Edition 2550 B
62	CHEMICAL- WATER	Borehole & Domestic Water	Total Cyanides as CN-	APHA 23rd Edition 4500-CN C & E
63	CHEMICAL- WATER	Borehole & Domestic Water	Total Dissoloved Solids	APHA 23rd Edition 2540 C

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64	CHEMICAL- WATER	Borehole & Domestic Water	Total Hardness as CaCO3	APHA 23rd Edition 2340 C
65	CHEMICAL- WATER	Borehole & Domestic Water	Total Solids	APHA 23rd Edition 2540 B
66	CHEMICAL- WATER	Borehole & Domestic Water	Volatile Solids	APHA 23rd Edition 2540 E