National Accreditation Board for Testing and Calibration Laboratories

SCOPE OF ACCREDITATION

Laboratory Name : COASTAL WASTE MANAGEMENT PROJECT (UNIT-2)-LABORATORY, RAVIGUNTAPALLI VILLAGE SY. NO. 20-2P1, 20-2P2, 20-2P3, NELLORE, SPSR, ANDHRA PRADESH, INDIA

Accreditation Standard ISO/IEC 17025:2017

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Validity 21/02/2022 to 20/02/2024 **Last Amended on** 01/06/2022

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	CHEMICAL- ATMOSPHERIC POLLUTION	Ambient air	Oxides of Nitrogen	IS 5182 (Part 6)
2	CHEMICAL- ATMOSPHERIC POLLUTION	Ambient air	Respirable Suspended particulate Matter (PM 10)	IS 5182 (Part 23): (Gravimetric Method)
3	CHEMICAL- ATMOSPHERIC POLLUTION	Ambient air	Sulphur Dioxide	IS 5182 (Part 2)
4	CHEMICAL- POLLUTION & ENVIRONMENT	Hazardous Waste	Ammonia Nitrogen as N in water Leachate	CWMP2/LAB/SOP/250 (2019)
5	CHEMICAL- POLLUTION & ENVIRONMENT	Hazardous Waste	Arsenic as As	CWMP2/LAB/SOP/257 (2019)
6	CHEMICAL- POLLUTION & ENVIRONMENT	Hazardous Waste	Arsenic as As in Water Leachate	CWMP2/LAB/SOP/286 (2019)
7	CHEMICAL- POLLUTION & ENVIRONMENT	Hazardous Waste	Bulk Density	ASTM D 5057-10, (Gravimetric method)
8	CHEMICAL- POLLUTION & ENVIRONMENT	Hazardous Waste	Cadmium as Cd	CWMP2/LAB/SOP/257 (2019)
9	CHEMICAL- POLLUTION & ENVIRONMENT	Hazardous Waste	Cadmium as Cd in TCLP	CWMP2/LAB/SOP/258 (2019)
10	CHEMICAL- POLLUTION & ENVIRONMENT	Hazardous Waste	Cadmium as Cd in Water Leachate	CWMP2/LAB/SOP/286 (2019)
11	CHEMICAL- POLLUTION & ENVIRONMENT	Hazardous Waste	Calorific Value	CWMP2/LAB/SOP/243 (2019)
12	CHEMICAL- POLLUTION & ENVIRONMENT	Hazardous Waste	Chromium as Cr in TCLP	CWMP2/LAB/SOP/258 (2019)
13	CHEMICAL- POLLUTION & ENVIRONMENT	Hazardous Waste	Chromium as Cr in Water Leachate	CWMP2/LAB/SOP/286 (2019)
14	CHEMICAL- POLLUTION & ENVIRONMENT	Hazardous Waste	Copper as Cu	CWMP2/LAB/SOP/257 (2019)
15	CHEMICAL- POLLUTION & ENVIRONMENT	Hazardous Waste	Copper as Cu in TCLP	CWMP2/LAB/SOP/258 (2019)
16	CHEMICAL- POLLUTION & ENVIRONMENT	Hazardous Waste	Copper as Cu in Water Leachate	CWMP2/LAB/SOP/286 (2019)
17	CHEMICAL- POLLUTION & ENVIRONMENT	Hazardous Waste	Extractable Organics	CWMP2/LAB/SOP/256 (2019)
18	CHEMICAL- POLLUTION & ENVIRONMENT	Hazardous Waste	Flash Point	CWMP2/LAB/SOP/244 (2019)

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19	CHEMICAL- POLLUTION & ENVIRONMENT	Hazardous Waste	Hexavalent Chromium as Cr6+	CWMP2/LAB/SOP/291 (2019)
20	CHEMICAL- POLLUTION & ENVIRONMENT	Hazardous Waste	Hexavalent Chromium as Cr6+ in Water Leachate	CWMP2/LAB/SOP/290 (2019)
21	CHEMICAL- POLLUTION & ENVIRONMENT	Hazardous Waste	Lead as Pb	CWMP2/LAB/SOP/257 (2019)
22	CHEMICAL- POLLUTION & ENVIRONMENT	Hazardous Waste	Lead as Pb in TCLP	CWMP2/LAB/SOP/258 (2019)
23	CHEMICAL- POLLUTION & ENVIRONMENT	Hazardous Waste	Lead as Pb in Water Leachate	CWMP2/LAB/SOP/286 (2019)
24	CHEMICAL- POLLUTION & ENVIRONMENT	Hazardous Waste	Loss on Drying at 105 degree C	CWMP2/LAB/SOP/240 (2019)
25	CHEMICAL- POLLUTION & ENVIRONMENT	Hazardous Waste	Loss on Ignition at 550 degree C	CWMP2/LAB/SOP/241 (2019)
26	CHEMICAL- POLLUTION & ENVIRONMENT	Hazardous Waste	Nickel as Ni	CWMP2/LAB/SOP/257 (2019)
27	CHEMICAL- POLLUTION & ENVIRONMENT	Hazardous Waste	Nickel as Ni in TCLP	CWMP2/LAB/SOP/258 (2019)
28	CHEMICAL- POLLUTION & ENVIRONMENT	Hazardous Waste	Nickel as Ni in Water Leachate	CWMP2/LAB/SOP/286 (2019)
29	CHEMICAL- POLLUTION & ENVIRONMENT	Hazardous Waste	Paint Filter Liquid Test	CWMP2/LAB/SOP/249 (2019)
30	CHEMICAL- POLLUTION & ENVIRONMENT	Hazardous Waste	pH	CWMP2/LAB/SOP/239 (2019)
31	CHEMICAL- POLLUTION & ENVIRONMENT	Hazardous Waste	Reactive Cyanide as HCN	CWMP2/LAB/SOP/253 (2019)
32	CHEMICAL- POLLUTION & ENVIRONMENT	Hazardous Waste	Reactive Sulfide as H2S	CWMP2/LAB/SOP/254 (2019)
33	CHEMICAL- POLLUTION & ENVIRONMENT	Hazardous Waste	Total Chromium as Cr (Total)	CWMP2/LAB/SOP/257 (2019)
34	CHEMICAL- POLLUTION & ENVIRONMENT	Hazardous Waste	Water soluble inorganics	CWMP2/LAB/SOP/247 (2019)
35	CHEMICAL- POLLUTION & ENVIRONMENT	Hazardous Waste	Water soluble organics	CWMP2/LAB/SOP/247 (2019)
36	CHEMICAL- POLLUTION & ENVIRONMENT	Hazardous Waste	Zinc as Zn	CWMP2/LAB/SOP/257 (2021)
37	CHEMICAL- POLLUTION & ENVIRONMENT	Hazardous Waste	Zinc as Zn in TCLP	CWMP2/LAB/SOP/258 (2021)

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38	CHEMICAL- POLLUTION & ENVIRONMENT	Hazardous Waste	Zinc as Zn in Water Leachate	CWMP2/LAB/SOP/286 (2021)
39	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water	Cadmium as Cd	APHA 23rd Ed.; 3111 B, AAS
40	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water	Chemical Oxygen Demand	APHA 23rd Ed.; 5220 B (Open Reflux Method)
41	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water	Copper as Cu	APHA 23rd Ed.; 3111 B, AAS
42	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water	Fluorides as F-	APHA 23rd Ed.;4500 F- D (SPADNS Method)
43	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water	Lead as Pb	APHA 23rd Ed.; 3111B, AAS
44	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water	Nickel as Ni	APHA 23rd Ed.; 3111 B, AAS
45	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water	Nitrate Nitrogen as N	APHA 23rd Ed.; 4500 NO3- B (Spectrophotometric Method)
46	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water	Oil & Grease	APHA 23rd Ed.;5520 B (Gravimetric Method)
47	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water	pH	APHA 23rd Ed.; 4500 H+ B (Electrometric Method)
48	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water	Phosphorus as P	APHA 23rd Ed.; 4500 P C (Spectrophotometric Method)
49	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water	Sulphates as SO4 2-	APHA 23rd Ed.; 4500 SO4-2 E
50	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water	Total Chromium as Cr	APHA 23rd Ed.; 3111 B, AAS
51	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water	Total Dissolved Solids	APHA 23rd Ed.; 2540 C (Gravimetric Method)
52	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water	Total Suspended Solids	APHA 23rd Ed.; 2540 D (Gravimetric Method)
53	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water	Zinc as Zn	APHA 23rd Ed.; 3111 B, AAS
54	CHEMICAL- WATER	Ground Water	Cadmium as Cd	APHA 23rd Ed.; 3111 B, AAS
55	CHEMICAL- WATER	Ground Water	Chemical Oxygen Demand	APHA 23rd Ed.; 5220 B (Open Reflux Method)
56	CHEMICAL- WATER	Ground Water	Copper as Cu	APHA 23rd Ed.; 3111 B, AAS
57	CHEMICAL- WATER	Ground Water	Fluorides as F-	APHA 23rd Ed.;4500 F- D (SPADNS Method)

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58	CHEMICAL- WATER	Ground Water	Lead as Pb	APHA 23rd Ed.; 3111B, AAS
59	CHEMICAL- WATER	Ground Water	Nickel as Ni	APHA 23rd Ed.; 3111 B
60	CHEMICAL- WATER	Ground Water	Nitrate Nitrogen as N	APHA 23rd Ed.; 4500 NO3- B (Spectrophotometric Method)
61	CHEMICAL- WATER	Ground Water	Oil & Grease	APHA 23rd Ed.;5520 B (Gravimetric Method)
62	CHEMICAL- WATER	Ground Water	pH	APHA 23rd Ed.; 4500 H+ B (Electrometric Method)
63	CHEMICAL- WATER	Ground Water	Phosphorus as P	APHA 23rd Ed.; 4500 P C (Spectrophotometric Method)
64	CHEMICAL- WATER	Ground Water	Sulphates as SO42	APHA 23rd Ed.; 4500 SO4-2 E (Spectrophotometric Method)
65	CHEMICAL- WATER	Ground Water	Total Chromium as Cr	APHA 23rd Ed.; 3111 B, AAS
66	CHEMICAL- WATER	Ground Water	Total Dissolved Solids	APHA 23rd Ed.; 2540 C (Gravimetric Method)
67	CHEMICAL- WATER	Ground Water	Total Suspended Solids	APHA 23rd Ed.; 2540 D (Gravimetric Method)
68	CHEMICAL- WATER	Ground Water	Zinc as Zn	APHA 23rd Ed.; 3111 B, AAS