National Accreditation Board for Testing and Calibration Laboratories

SCOPE OF ACCREDITATION

Laboratory Name : GEOCYCLE LAB(ACC LIMITED), ACC LIMITED, WADI CEMENT WORKS, WADI A.C.C., KALABURAGI, KARNATAKA, INDIA

Accreditation Standard ISO/IEC 17025:2017

Certificate Number TC-10076 **Page No** 1 of 3

Validity 13/11/2021 to 12/11/2023 **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- POLLUTION & ENVIRONMENT	Waste(Liquid/Slurry/Sludge/Solid/Semi-Solid)	Calorific value	In house GEO/IMS/LAB/WI/014/V1.0
2	CHEMICAL- POLLUTION & ENVIRONMENT	Waste(Liquid/Slurry/Sludge/Solid/Semi-Solid)	Alumina as Al2O3	USEPA-6010 D
3	CHEMICAL- POLLUTION & ENVIRONMENT	Waste(Liquid/Slurry/Sludge/Solid/Semi-Solid)	Antimony as Sb	USEPA-6010D
4	CHEMICAL- POLLUTION & ENVIRONMENT	Waste(Liquid/Slurry/Sludge/Solid/Semi-Solid)	Arsenic as As	USEPA-6010D
5	CHEMICAL- POLLUTION & ENVIRONMENT	Waste(Liquid/Slurry/Sludge/Solid/Semi-Solid)	Ash Content	Inhouse GEO/IMS/LAB/WI/06/V1.0
6	CHEMICAL- POLLUTION & ENVIRONMENT	Waste(Liquid/Slurry/Sludge/Solid/Semi-Solid)	Barium as Ba	USEPA-6010D
7	CHEMICAL- POLLUTION & ENVIRONMENT	Waste(Liquid/Slurry/Sludge/Solid/Semi-Solid)	Beryllium as Be	USEPA-6010D
8	CHEMICAL- POLLUTION & ENVIRONMENT	Waste(Liquid/Slurry/Sludge/Solid/Semi-Solid)	Cadmium as Cd	USEPA-6010D
9	CHEMICAL- POLLUTION & ENVIRONMENT	Waste(Liquid/Slurry/Sludge/Solid/Semi-Solid)	Carbon	ASTM-D-5373-16
10	CHEMICAL- POLLUTION & ENVIRONMENT	Waste(Liquid/Slurry/Sludge/Solid/Semi-Solid)	Chloride	USEPA 5050 & ASTM D 512
11	CHEMICAL- POLLUTION & ENVIRONMENT	Waste(Liquid/Slurry/Sludge/Solid/Semi-Solid)	Chromium as Cr	USEPA-6010D
12	CHEMICAL- POLLUTION & ENVIRONMENT	Waste(Liquid/Slurry/Sludge/Solid/Semi-Solid)	Cobalt as Co	USEPA-6010D
13	CHEMICAL- POLLUTION & ENVIRONMENT	Waste(Liquid/Slurry/Sludge/Solid/Semi-Solid)	Copper as Cu	USEPA-6010D
14	CHEMICAL- POLLUTION & ENVIRONMENT	Waste(Liquid/Slurry/Sludge/Solid/Semi-Solid)	Fixed Carbon (Calculated by difference)	Inhouse GEO/IMS/LAB/WI/06/V1.0
15	CHEMICAL- POLLUTION & ENVIRONMENT	Waste(Liquid/Slurry/Sludge/Solid/Semi-Solid)	Flash point	ASTM-D-7094 17 a
16	CHEMICAL- POLLUTION & ENVIRONMENT	Waste(Liquid/Slurry/Sludge/Solid/Semi-Solid)	Fluoride	ASTM D 1179-16
17	CHEMICAL- POLLUTION & ENVIRONMENT	Waste(Liquid/Slurry/Sludge/Solid/Semi-Solid)	Hydrogen	ASTM-D-5373-16
18	CHEMICAL- POLLUTION & ENVIRONMENT	Waste(Liquid/Slurry/Sludge/Solid/Semi-Solid)	Iron as Fe2O3	USEPA-6010D

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19	CHEMICAL- POLLUTION & ENVIRONMENT	Waste(Liquid/Slurry/Sludge/Solid/Semi-Solid)	Lead as Pb	USEPA-6010D
20	CHEMICAL- POLLUTION & ENVIRONMENT	Waste(Liquid/Slurry/Sludge/Solid/Semi-Solid)	Lime as CaO	USEPA-6010D
21	CHEMICAL- POLLUTION & ENVIRONMENT	Waste(Liquid/Slurry/Sludge/Solid/Semi-Solid)	LOI	ASTM D7348-13
22	CHEMICAL- POLLUTION & ENVIRONMENT	Waste(Liquid/Slurry/Sludge/Solid/Semi-Solid)	Magnesium as MgO	USEPA-6010D
23	CHEMICAL- POLLUTION & ENVIRONMENT	Waste(Liquid/Slurry/Sludge/Solid/Semi-Solid)	Manganese as Mn2O3	SW 846 EPA 6010 D
24	CHEMICAL- POLLUTION & ENVIRONMENT	Waste(Liquid/Slurry/Sludge/Solid/Semi-Solid)	Moisture	Inhouse GEO/IMS/LAB/WI/06/V1.0
25	CHEMICAL- POLLUTION & ENVIRONMENT	Waste(Liquid/Slurry/Sludge/Solid/Semi-Solid)	Nickel as Ni	USEPA-6010D
26	CHEMICAL- POLLUTION & ENVIRONMENT	Waste(Liquid/Slurry/Sludge/Solid/Semi-Solid)	Nitrogen	ASTM-D-5373-16
27	CHEMICAL- POLLUTION & ENVIRONMENT	Waste(Liquid/Slurry/Sludge/Solid/Semi-Solid)	pH	ASTM –D 4972
28	CHEMICAL- POLLUTION & ENVIRONMENT	Waste(Liquid/Slurry/Sludge/Solid/Semi-Solid)	Phosphorous as P2O5	USEPA-6010D
29	CHEMICAL- POLLUTION & ENVIRONMENT	Waste(Liquid/Slurry/Sludge/Solid/Semi-Solid)	Potassium as K2O	USEPA-6010D
30	CHEMICAL- POLLUTION & ENVIRONMENT	Waste(Liquid/Slurry/Sludge/Solid/Semi-Solid)	Selenium as Se	USEPA-6010D
31	CHEMICAL- POLLUTION & ENVIRONMENT	Waste(Liquid/Slurry/Sludge/Solid/Semi-Solid)	Silica as SiO2	USEPA-6010D
32	CHEMICAL- POLLUTION & ENVIRONMENT	Waste(Liquid/Slurry/Sludge/Solid/Semi-Solid)	Sodium as Na2O	USEPA-6010D
33	CHEMICAL- POLLUTION & ENVIRONMENT	Waste(Liquid/Slurry/Sludge/Solid/Semi-Solid)	Sulfur	ASTM-D4239-18e1
34	CHEMICAL- POLLUTION & ENVIRONMENT	Waste(Liquid/Slurry/Sludge/Solid/Semi-Solid)	Sulfur as SO3	USEPA-6010D
35	CHEMICAL- POLLUTION & ENVIRONMENT	Waste(Liquid/Slurry/Sludge/Solid/Semi-Solid)	Tellurium as Te	USEPA-6010D
36	CHEMICAL- POLLUTION & ENVIRONMENT	Waste(Liquid/Slurry/Sludge/Solid/Semi-Solid)	Thallium as Tl	USEPA-6010D
37	CHEMICAL- POLLUTION & ENVIRONMENT	Waste(Liquid/Slurry/Sludge/Solid/Semi-Solid)	Tin as Sn	USEPA-6010DD

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38	CHEMICAL- POLLUTION & ENVIRONMENT	Waste(Liquid/Slurry/Sludge/Solid/Semi-Solid)	Titanium as TiO2	USEPA-6010D
39	CHEMICAL- POLLUTION & ENVIRONMENT	Waste(Liquid/Slurry/Sludge/Solid/Semi-Solid)	Vanadium as V	USEPA-6010D
40	CHEMICAL- POLLUTION & ENVIRONMENT	Waste(Liquid/Slurry/Sludge/Solid/Semi-Solid)	Viscosity	ASTM-D-445-19
41	CHEMICAL- POLLUTION & ENVIRONMENT	Waste(Liquid/Slurry/Sludge/Solid/Semi-Solid)	Volatile Matter	Inhouse GEO/IMS/LAB/WI/06/V1.0
42	CHEMICAL- POLLUTION & ENVIRONMENT	Waste(Liquid/Slurry/Sludge/Solid/Semi-Solid)	Water content	ASTM-D5530-15
43	CHEMICAL- POLLUTION & ENVIRONMENT	Waste(Liquid/Slurry/Sludge/Solid/Semi-Solid)	Zinc as Zn	USEPA-6010D