National Accreditation Board for Testing and Calibration Laboratories

SCOPE OF ACCREDITATION

Laboratory Name : GWEL LABORATORY,GMR WARORA ENERGY LIMITED, PLOT NO. B1, MOHABALA MIDC GROWTH CENTRE, POST &TEHSIL, WARORA, CHANDRAPUR, MAHARASHTRA, INDIA

Accreditation Standard ISO/IEC 17025:2017

Certificate Number TC-7785 **Page No** 1 of 3

Validity 13/01/2023 to 12/01/2025 **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 Water (Effluents/Sewage)	Biological Oxygen Demand (@27°C for 3 Days)	IS 3025 (Part 44)
2	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water (Effluents/Sewage)	Chemical Oxygen Demand	IS 3025 (Part 58)
3	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water (Effluents/Sewage)	Conductivity @25 °C	IS 3025 (Part 14)
4	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water (Effluents/Sewage)	pH @ 25 °C	IS 3025 (Part 2)
5	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water (Effluents/Sewage)	Suspended Solids	IS 3025 (Part 17)
6	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water (Effluents/Sewage)	Total Dissolved Solids	IS 3025 (Part 16)
7	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water (Effluents/Sewage)	Total Solids	IS 3025 (Part 15)
8	CHEMICAL- SOLID FUELS	Coal	Ash (ADB)	IS 1350 (Part 1)
9	CHEMICAL- SOLID FUELS	Coal	Ash (ARB)	IS 1350 (Part 1)
10	CHEMICAL- SOLID FUELS	Coal	Fixed Carbon (ADB)	IS 1350 (Part 1)
11	CHEMICAL- SOLID FUELS	Coal	Fixed Carbon (ARB)	IS 1350 (Part 1)
12	CHEMICAL- SOLID FUELS	Coal	GCV (ADB)	IS 1350 (Part 2)
13	CHEMICAL- SOLID FUELS	Coal	GCV (ARB)	IS 1350 (Part 2)
14	CHEMICAL- SOLID FUELS	Coal	Moisture (ADB)	IS 1350 (Part 1)
15	CHEMICAL- SOLID FUELS	Coal	TM (Total Moisture)	IS 1350 (Part 1)
16	CHEMICAL- SOLID FUELS	Coal	Volatile Matter (ADB)	IS 1350 (Part 1)
17	CHEMICAL- SOLID FUELS	Coal	Volatile Matter (ARB)	IS 1350 (Part 1)
18	CHEMICAL- WATER	Industrial Water	Acidity @ pH 3.7 as CaCO3	IS 3025 (Part 22)
19	CHEMICAL- WATER	Industrial Water	Acidity @ pH 8.3 as CaCO3	IS 3025 (Part 22)
20	CHEMICAL- WATER	Industrial Water	Ammonia as NH4	IS 3025 (Part 34)
21	CHEMICAL- WATER	Industrial Water	Ca –Hardness as Ca CO3	IS 3025 (Part 21)
22	CHEMICAL- WATER	Industrial Water	Calcium as Ca	IS 3025 (Part 40)
23	CHEMICAL- WATER	Industrial Water	Chlorides as Cl	IS 3025 (Part 32)
24	CHEMICAL- WATER	Industrial Water	Chlorine Residual (FRC)	IS 3025 (Part 26)
25	CHEMICAL- WATER	Industrial Water	COD	IS 3025 (Part 58)

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26	CHEMICAL- WATER	Industrial Water	Conductivity @25°C	IS 3025 (Part 14)
27	CHEMICAL- WATER	Industrial Water	Dissolved Phosphate as PO4	IS 3025 (Part 31)
28	CHEMICAL- WATER	Industrial Water	Dissolved Silica as SiO2	IS 3025 (Part 35)
29	CHEMICAL- WATER	Industrial Water	Hydrazine @ N2H4	IS 3550
30	CHEMICAL- WATER	Industrial Water	Magnesium as Mg	IS 3025 (Part 46)
31	CHEMICAL- WATER	Industrial Water	Mg-hardness as CaCO3	IS 3025 (Part 21)
32	CHEMICAL- WATER	Industrial Water	Oil & Grease	IS 3025 (Part 39)
33	CHEMICAL- WATER	Industrial Water	pH @ 25 °C	IS 3025 (Part 2)
34	CHEMICAL- WATER	Industrial Water	Sulphate as SO4	IS 3025 (Part 24)
35	CHEMICAL- WATER	Industrial Water	Suspended Solids	IS 3025 (Part 17)
36	CHEMICAL- WATER	Industrial Water	Total Alkalinity as CaCO3	IS 3025 (Part 23)
37	CHEMICAL- WATER	Industrial Water	Total Dissolved Solids	IS 3025 (Part 16)
38	CHEMICAL- WATER	Industrial Water	Total Hardness as CaCO3	IS 3025 (Part 21)
39	CHEMICAL- WATER	Industrial Water	Total Solids	IS 3025 (Part 15)
40	CHEMICAL- WATER	Industrial Water	Turbidity	IS 3025 (Part 10)
41	CHEMICAL- WATER	Surface Water	Ca –Hardness as Ca CO3	IS 3025 (Part 21)
42	CHEMICAL- WATER	Surface Water	Calcium as Ca	IS 3025 (Part 40)
43	CHEMICAL- WATER	Surface Water	Chlorides as Cl	IS 3025 (Part 32)
44	CHEMICAL- WATER	Surface Water	Chlorine Residual (FRC)	IS 3025 (Part 26)
45	CHEMICAL- WATER	Surface Water	COD	IS 3025 (Part 58)
46	CHEMICAL- WATER	Surface Water	Conductivity @25°C	IS 3025 (Part 14)
47	CHEMICAL- WATER	Surface Water	Dissolved Silica as SiO2	IS 3025 (Part 35)
48	CHEMICAL- WATER	Surface Water	Magnesium as Mg	IS 3025 (Part 46)
49	CHEMICAL- WATER	Surface Water	Mg-hardness as CaCO3	IS 3025 (Part 21)
50	CHEMICAL- WATER	Surface Water	pH @25°C	IS 3025 (Part 2)
51	CHEMICAL- WATER	Surface Water	Sulphate as SO4	IS 3025 (Part 24)
52	CHEMICAL- WATER	Surface Water	Suspended Solids	IS 3025 (Part 17)
53	CHEMICAL- WATER	Surface Water	TDS	IS 3025 (Part 16)
54	CHEMICAL- WATER	Surface Water	Total Alkalinity as CaCO3	IS 3025 (Part 23)
55	CHEMICAL- WATER	Surface Water	Total Hardness as CaCO3	IS 3025 (Part 21)

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56	CHEMICAL- WATER	Surface Water	Total Solids	IS 3025 (Part 15)
57	CHEMICAL- WATER	Surface Water	Turbidity	IS 3025 (Part 10)