National Accreditation Board for Testing and Calibration Laboratories

SCOPE OF ACCREDITATION

Laboratory Name : INHOUSE LABORATORY, UDUPI POWER CORPORATION LIMITED (ADANI POWER), KOLACHURU, YELLURU VILLAGE, PILAR POST, PADUBIDRI, UDUPI, KARNATAKA, INDIA

Accreditation Standard ISO/IEC 17025:2017

Certificate Number TC-5515 **Page No** 1 of 2

Validity 15/02/2022 to 14/02/2024 **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	Effluent	Bio Chemical oxygen Demand	IS 3025 (Part 44)
2	CHEMICAL- POLLUTION & ENVIRONMENT	Effluent	Chemical oxygen demand	IS:3025 (Part 58)
3	CHEMICAL- POLLUTION & ENVIRONMENT	Effluent	Conductivity	IS:3025 (Part 14)
4	CHEMICAL- POLLUTION & ENVIRONMENT	Effluent	Iron as Fe	IS:3025 (Part 53)
5	CHEMICAL- POLLUTION & ENVIRONMENT	Effluent	Oil and Grease	IS:3025 (Part 39)
6	CHEMICAL- POLLUTION & ENVIRONMENT	Effluent	pH	IS:3025 (Part 11)
7	CHEMICAL- POLLUTION & ENVIRONMENT	Effluent	Total dissolved solids	IS:3025 (Part 16)
8	CHEMICAL- POLLUTION & ENVIRONMENT	Effluent	Total Suspended Solids	IS:3025 (Part 17)
9	CHEMICAL- POLLUTION & ENVIRONMENT	Effluent	Turbidity	IS:3025 (Part 10)
10	CHEMICAL- SOLID FUELS	Coal	Ash	ASTM: D3174
11	CHEMICAL- SOLID FUELS	Coal	Ash	IS:1350 (Part1) (Cl.7.0)
12	CHEMICAL- SOLID FUELS	Coal	Ash	ISO: 1171
13	CHEMICAL- SOLID FUELS	Coal	Gross calorific value	ASTM: D5865
14	CHEMICAL- SOLID FUELS	Coal	Gross calorific value	IS:1350 (Part2)
15	CHEMICAL- SOLID FUELS	Coal	Gross calorific value	ISO: 1928
16	CHEMICAL- SOLID FUELS	Coal	Moisture (Air Dried Basis)	ASTM: D3173
17	CHEMICAL- SOLID FUELS	Coal	Moisture (Air Dried Basis)	IS:1350(Part1) (Cl.6.1)
18	CHEMICAL- SOLID FUELS	Coal	Moisture (Air Dried Basis)	ISO: 11722
19	CHEMICAL- SOLID FUELS	Coal	total moisture	ASTM: D3302
20	CHEMICAL- SOLID FUELS	Coal	Total moisture	IS 1350
21	CHEMICAL- SOLID FUELS	Coal	Total moisture	ISO: 589
22	CHEMICAL- SOLID FUELS	Coal	Volatile matter	ASTM: D3175
23	CHEMICAL- SOLID FUELS	Coal	Volatile matter	IS:1350 (Part1)
24	CHEMICAL- SOLID FUELS	Coal	Volatile matter	ISO: 562

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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
25	CHEMICAL- WATER	Industrial Water	chloride	IS:3025 (part 32)
26	CHEMICAL- WATER	Industrial Water	Conductivity	IS:3025 (Part 14)
27	CHEMICAL- WATER	Industrial Water	pH	IS:3025 (Part 11)
28	CHEMICAL- WATER	Industrial Water	Phosphate	IS 3025 (Part 31)
29	CHEMICAL- WATER	Potable Water	Calcium hardness	IS:3025 (Part 40)
30	CHEMICAL- WATER	potable Water	Magnesium Hardness	IS:3025 (part 46)
31	CHEMICAL- WATER	potable water	Total Alkalinity	IS:3025 (Part 23)
32	CHEMICAL- WATER	potable Water	Total Hardness	IS:3025 (part 21)
33	CHEMICAL- WATER	sea Water	Calcium hardness	IS:3025 (part 40)
34	CHEMICAL- WATER	Sea Water	Chloride	IS:3025 (Part 32)
35	CHEMICAL- WATER	sea Water	Magnesium Hardness	IS:3025 (Part 46)
36	CHEMICAL- WATER	Sea Water	Sulphates	IS:3025 (Part 24)
37	CHEMICAL- WATER	Sea Water	Total dissolved solids	IS:3025 (Part 16)
38	CHEMICAL- WATER	Sea Water	Total Hardness	IS:3025 (Part 21)