National Accreditation Board for Testing and Calibration Laboratories

SCOPE OF ACCREDITATION

Laboratory Name : L J INSTITUTE OF ENGINEERING AND TECHNOLOGY, L J CAMPUS, SARKHEJ SANAND CROSS ROAD, AHMEDABAD, GUJARAT, INDIA

Accreditation Standard ISO/IEC 17025:2017

Certificate Number TC-10298 **Page No** 1 of 2

Validity 04/02/2022 to 03/02/2024 **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	Waste Water	Acidity	APHA 23 Ed 2310 B
2	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water	Alkalinity (as CaCO3)	APHA 23rd Ed 2320 B
3	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water	Ammonical Nitrogen	APHA 23rd Ed 4500 NH3 C
4	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water	Biological Oxygen Demand	IS 3025 (P-44)
5	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water	Calcium (as Ca)	APHA 23Ed 3500 Ca B
6	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water	Chemical Oxygen Demand	APHA 23rd Ed 5220 B
7	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water	Chloride (as Cl)	APHA 23rd Ed500 Cl B
8	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water	Dissolved Oxygen	IS 3025 (P-38)
9	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water	Electrical Conductivity	IS 3025 (P-14)
10	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water	Oil and Grease	APHA 23rd Ed 5520 B
11	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water	pH@25 Deg C	IS 3025 (P- 11)
12	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water	Potassium	IS 3025(P-45)
13	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water	Sodium	IS 3025(P-45)
14	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water	Sulphate (as SO4)	APHA 23Ed 4500 SO4 E
15	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water	Sulphide (as H2S)	APHA 23rd Ed 4500 S
16	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water	Total Dissolved Solids	APHA 23rd Ed 2540 C
17	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water	Total Hardness (as CaCO3)	APHA 23rd Ed 2340 C
18	CHEMICAL- WATER	Ground Water/ Surface Water	Acidity	APHA 23 Ed 2310 B
19	CHEMICAL- WATER	Ground Water/ Surface Water	Alkalinity (as CaCO3)	APHA 23ed 2320 B

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20	CHEMICAL- WATER	Ground Water/ Surface Water	Biological Oxygen Demand	IS 3025 (P-44)
21	CHEMICAL- WATER	Ground Water/ Surface Water	Calcium (as Ca)	APHA 23rd Ed 3500 Ca B
22	CHEMICAL- WATER	Ground Water/ Surface Water	Chemical Oxygen Demand	APHA 23rdEd5220 B
23	CHEMICAL- WATER	Ground Water/ Surface Water	Chloride (as Cl)	APHA 23 rd Ed4500 Cl B
24	CHEMICAL- WATER	Ground Water/ Surface Water	Dissolves Oxygen	IS 3025(P-38)
25	CHEMICAL- WATER	Ground Water/ Surface Water	Electrical Conductivity	IS 3025 (P-14)
26	CHEMICAL- WATER	Ground Water/ Surface Water	Oil and Grease	APHA 23 rd Ed5520 B
27	CHEMICAL- WATER	Ground Water/ Surface Water	pH@25 Deg C	IS 3025 (P- 11)
28	CHEMICAL- WATER	Ground Water/ Surface Water	Potassium	IS 3025(P-45)
29	CHEMICAL- WATER	Ground Water/ Surface Water	Sodium	IS 3025(P-45)
30	CHEMICAL- WATER	Ground Water/ Surface Water	Sulphate (as SO4)	APHA 22rd Ed 4500 SO4 E
31	CHEMICAL- WATER	Ground Water/ Surface Water	Sulphide (as H2S)	APHA 23r Ed 4500 S
32	CHEMICAL- WATER	Ground Water/ Surface Water	Total Dissolved Solids	APHA 23rd 2540 C
33	CHEMICAL- WATER	Ground Water/ Surface Water	Total Hardness (as CaCO3)	APHA 23rd Ed 2340 C