

Laboratory Environmental Laboratory, Gujarat Institute of Desert Ecology, P.B.
No. 83, Mundra Road, Bhuj, Dist: Kachchh, Gujarat

Accreditation Standard ISO/IEC 17025: 2005

Certificate Number TC-8331

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Validity 12.02.2019 to 11.02.2021

Last Amended on --

"In view of the transition for ISO/IEC 17025:2017, the validity of this accreditation certificate will cease on 30.11.2020"

Sl.	Product / Material of Test	Specific Test Performed	Test Method Specification against which tests are performed	Range of Testing / Limits of Detection
<u>CHEMICAL TESTING</u>				
I.	WATER			
1.	Water	Electrical conductivity pH Total dissolved solids Total Suspended Solids Turbidity Chloride Salinity Sodium Potassium Calcium Magnesium Nitrate Phosphate Sulphate Total alkalinity Total hardness	APHA 22 rd Edn : Part 2510 B IS 3025 (Part 11) IS 3025 (Part 16) IS 3025 (Part 17) IS 3025 (Part 10) IS 3025 (Part 32) APHA 22 rd Edn : Part 2520A IS 3025 (Part 45) IS 3025 (Part 45) IS 3025 (Part 40) APHA 22 rd Edn: 3500-Mg.B APHA 22 rd Edn: 4500 BI IS 3025 (Part 31) IS 3025 (Part 24) IS 3025 (Part 23) IS 3025 (Part 21)	10 to 10000 µS/Cm 1 to 14 10 mg/l to 5000 mg/l 5 mg/l to 1000 mg/l 1 NTU to 100 NTU 10 mg/l to 5000 mg/l 1 ppt to 50 ppt 10 mg/l to 1000 mg/l 10 mg/l to 100 mg/l 10 mg/l to 300 mg/l 10 mg/l to 500 mg/l 1 mg/l to 10 mg/l 1 mg/l to 50 mg/l 5 mg/l to 100 mg/l 50 mg/l to 1000 mg/l 50 /L to 1000/L
II.	POLLUTION & ENVIRONMENT			
1.	Wastewater	Electrical conductivity pH Total dissolved solids Total suspended solids Chloride Sodium Potassium Calcium Magnesium Sulphate	APHA 22 rd Edn : Part 2510 B IS 3025 (Part 11) IS 3025 (Part 16) IS 3025 (Part 17): 1984 IS 3025 (Part 32) IS 3025 (Part 45) IS 3025 (Part 45) IS 3025 (Part 40) APHA 22 rd Edn: 3500-Mg.B IS 3025 (Part 24)	10 to 10000 µS/Cm 1 to 14 10 mg/l to 10000 mg/l 5 mg/l to 1000 mg/l 50 mg/l to 10000 mg/l 100 mg/l to 1000 mg/l 100 mg/l to 1000 mg/l 100 mg/l to 500 mg/l 100 mg/l to 10000 mg/l 25 mg/l to 1000 mg/l

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Sl.	Product / Material of Test	Specific Test Performed	Test Method Specification against which tests are performed	Range of Testing / Limits of Detection
		Dissolved oxygen Biochemical Oxygen Demand Chemical Oxygen Demand	IS 3025 (Part 38) IS 3025 (Part 44) IS 3025 (Part 58)	0.1 mg/l to 10 mg/l 1 mg/l to 30000 mg/l 10 mg/l to 10000 mg/l