

Laboratory Analytical Laboratory, Enviro Technology Ltd., Plot No. 2413 to 14 GIDC Estate, Ankleshwar Dist. Bharuch, Gujarat

Accreditation Standard ISO/IEC 17025: 2005

Certificate Number TC-5466 (in lieu of T-3308) **Page 1 of 2**

Validity 23.02.2017 to 22.02.2019 **Last Amended on 13.04.2017**

Sl.	Product / Material of Test	Specific Test Performed	Test Method Specification against which tests are performed	Range of Testing / Limits of Detection
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CHEMICAL TESTING

I. POLLUTION AND ENVIRONMENT				
1.	Waste Water & Effluent	pH	APHA* 4500H+ to B, 22 nd Ed.,2012	1 to 12
		Color	APHA 2120 C, 22 nd Ed.,2012	2 pt- Co to 99 pt- Co
		COD	APHA 5220 to B, 22 nd Ed.,2012	5 mg/l to 50000 mg/l
		BOD ₃ at 27 ° C	IS:3025 (Part 44)	2 mg/l to 1000 mg/l
		Total Suspended Solids (TSS)	APHA to 2540 to D, 22 nd Ed.,2012	5 mg/l to 1000 mg/l
		Total Dissolved Solid (TDS)	APHA 2540 to C, 22 nd Ed.,2012	50 mg/l to 50000 mg/l
		Chloride (as Cl)	APHA 4500Cl to B, 22 nd Ed.,2012	20 mg/l to 10000 mg/l
		Sulphate (as SO ₄)	APHA 4500 SO ₄ to E, 22 nd Ed. 2012	5 mg/l to 25000 mg/l
		Ammonical Nitrogen	APHA 4500 to NH ₃ to C, 22 nd Ed.,2012	2 mg/l to 1400 mg/l
		Total Phenols (as C ₆ H ₅ OH)	APHA, 5530 to D, 22 nd Ed. 2012	1 mg/l to 100 mg/l
		Phosphate as "P"	APHA, 4500 to P C, 22 nd Ed. 2012	1 mg/l to 10 mg/l
		Oil & Grease	APHA 5520 to B, 22 nd Ed.,2012	5 mg/l to 100 mg/l
		Sulfide (as S ⁻²)	APHA 4500 to S ^{to 2} to F 22 nd Ed.,2012	1 mg/l to 18 mg/l
II. WATER				
1.	Bore well and Potable water	pH	APHA* 4500H+ to B, 22 nd Ed.,2012	1 to 12
		Total Dissolved Solid (TDS)	APHA 2540 to C, 22 nd Ed.,2012	50 mg/l to 5000 mg/l

Soundira Pandain.K
Convenor

N. Venkateswaran
Program Director

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		Chloride (as Cl)	APHA 4500Cl to B, 22 nd Ed., 2012	10 mg/l to 3000 mg/l
		Sulphate (as SO ₄)	APHA 4500 SO ₄ to E, 22 nd Ed. 2012	5 mg/l to 2500 mg/l
		Conductivity	APHA to 2510 to B, 22 nd Ed., 2012	0.2µs to 200 mS
		Phosphate as "P"	APHA, 4500 to P C, 22 nd Ed. 2012	1 mg/l to 10 mg/l
		Total Hardness as CaCO ₃	APHA to 2340 to C, 22 nd Ed., 2012	20 mg/l to 2500 mg/l
		Calcium as Ca ⁺⁺	APHA to 3500 to Ca to B, 22 nd Ed., 2012	10 mg/l to 500 mg/l
		Magnesium as Mg ⁺⁺	APHA to 3500 to Mg to B, 22 nd Ed., 2012	1 mg/l to 100 mg/l
		Total Alkalinity as CaCO ₃	APHA to 2320 to B, 22 nd Ed., 2012	20 mg/l to 2000 mg/l
		Hexavalent Chromium (as Cr ⁺⁶)	APHA 3500 to Cr to B, 22 nd Ed. 2012	0.1 mg/l to 1.0 mg/l
		Fluoride as "F"	APHA 4500 to F ^{to} D, 22 nd Ed., 2012	0.1 mg/l to 1.40 mg/l
		Nitrate as NO ₃ -N	APHA 4500 to NO ₃ ^{to} B, 22 nd Ed. 2012	0.1 mg/l to 10 mg/l
		Sulfide (as S ⁻²)	APHA 4500 to S ^{to 2} to F 22 nd Ed., 2012	1 mg/l to 18 mg/l

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