

Laboratory Bhagwati Enviro Care Pvt. Ltd. (BECPL), 28,29,30, Parmeshwar Estate II, Phase I, GIDC Estate, Vatva, Ahmedabad, Gujarat

Accreditation Standard ISO/IEC 17025: 2005

Certificate Number TC-6830

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Validity 30.01.2018 to 29.01.2020

Last Amended on --

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 & ENVIRONMENT			
1.	Waste water	pH Value	IS 3025 (Part 11)	2.0 to 12
		Total Suspended Solids	IS 3025 (Part 17)	2 mg/L to 5,000 mg/L
		Total Dissolved Solids	IS 3025 (Part 16)	10 mg/L to 10,000 mg/L
		BOD	IS 3025 (Part 44)	10 mg/L to 10,000 mg/L
		Oil & Grease	IS 3025 (Part 39)	1.0 mg/L to 5,000 mg/L
		Phenolic Compound	IS 3025 (Part 43)	0.01 mg/L to 1,000 mg/L
		COD	IS 3025 (Part 58)	4 mg/L to 10,000 mg/L
		Ammonical Nitrogen	IS 3025 (Part 34)	0.5 mg/L to 50,000 mg/L
		Copper	IS 3025 (Part 42)	0.1 mg/L to 500 mg/L
II.	ATMOSPHERIC POLLUTION			
1.	Ambient Air	Particulate Matter (PM _{2.5})	BECPL/SOP/1, Issue 1 dated 17/07/2017	10µg/m ³ to 1000 µg/m ³
		PM ₁₀	IS 5182 (Part 23)	10 µg/m ³ to 1000 µg/m ³
		Sulphur Dioxide (SO ₂)	IS 5182 (Part 2)	5 µg/m ³ to 1000 µg/m ³
		Nitrogen dioxide (NO _x)	IS 5182 (Part 6)	9 µg/m ³ to 750 µg/m ³
2.	Stack Emissions	Particulate Matter, (PM)	IS 11255 (Part 1)	1 mg/Nm ³ to 5000 mg/Nm ³
		Sulphur Dioxide (SO ₂)	IS 11255 (Part-2)	3.4 mg/Nm ³ to 1000 mg/Nm ³
		Nitrogen dioxide (NO _x)	IS 11255 (Part 7)	2 mg/Nm ³ to 400 mg/Nm ³
III.	WATER			
1.	Drinking Water Ground Water Industrial Water	pH	IS 3025 (Part 11)	2.0 to 12
		TDS	IS 3025 (Part 16)	10 mg/L to 20,000 mg/L
		Total alkalinity	IS 3025 (Part 23)	2.0 mg/L to 400 mg/L
		Total Hardness	IS 3025 (Part 21)	2.0 mg/L to 400 mg/L

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		Chlorides	IS 3025 (Part 32)	2.0 mg/L to 400 mg/L
		Sulfates	IS 3025 (Part 24)	2.0 mg/L to 40 mg/L
		Calcium	IS 3025 (Part 40)	2.0 mg/L to 160 mg/L
		Turbidity	IS 3025 (Part 10)	2.0 NTU to 40.0 NTU
		Sodium	IS 3025 (Part 45)	0.2 mg/L to 50 mg/L
		Potassium	IS 3025 (Part 45)	0.2 mg/L to 20.0 mg/L