

Laboratory S.N. Hirpara Pollution Consultants & Engineers Pvt. Ltd. (Laboratory Division), 706/A, 406/B, Center Point Building, New Civil Hospital Char Rasta, Ring Road, Surat, Gujarat

Accreditation Standard ISO/IEC 17025: 2005

Certificate Number TC-7928

Page 1 of 2

Validity 26.09.2018 to 25.09.2020

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.	ATMOSPHERIC POLLUTION			
1.	Stack	SO ₂	IS 11255 (Part 2): 1985 (RA 2014)	5 mg/Nm ³ to 1000 mg/Nm ³
		NO _x	IS 11255 (Part 7): 2005 (RA 2017)	5 mg/Nm ³ to 400 mg/Nm ³
		PM	IS 11255 (Part 1): 1985 (RA 2014)	1 mg/Nm ³ to 5000 mg/Nm ³
2.	Ambient Air	SO ₂	IS 5182 (Part 2): 2001 (RA 2017)	9 µg/m ³ to 950 µg/m ³
		NO _x	IS 5182 (Part 6): 2006 (RA 2017)	6 µg/m ³ to 750 µg/m ³
		PM _{2.5}	CPCB guidelines 2012-13: Guidelines for the Measurement of Ambient Air Pollutants Volume-I,4	10 µg/m ³ to 500 µg/m ³
II.	POLLUTION & ENVIRONMENT			
1.	Waste Water (Effluent)	Ammonical Nitrogen	IS 3025 (Part 34): 1988 (RA 2014), 2.1 (c)	5 mg/L to 100 mg/L
		BOD at 27 °C for 3 days	IS 3025 (Part 44): 1993 (RA 2014)	2 mg/L to 1000 mg/L
		Chlorides	IS 3025 (Part 32): 1988 (RA 2014, 2)	2.0 mg/L to 5000 mg/L
		COD	IS 3025 (Part 58): 2006 (RA 2017)	2.0 mg/L to 50000 mg/L
		Colour	IS 3025 (Part 4): 1983 (RA 2017, 2)	1 to 500 PttoCo unit

Nabogopal Roy
Convenor

Avijit Das
Program Manager

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		Oil & grease	IS 3025 (Part 39): 1991 (RA 2014, 5)	4 mg/L to 1000 mg/L
		pH	IS 3025 (Part 11): 1983 (RA 2017, 2)	1 to 12
		Sulphate	IS 3025 (Part 24): 1986 (RA 2014, 4)	0 to 100 mg/L
		Sulphide	IS 3025 (Part 29): 1986 (RA 2014, 2)	1 mg/L to 100 mg/L
		Temperature	IS 3025 (Part 9): 1984 (RA 2017)	4 °C to 100 °C
		Total Dissolved Solids	IS 3025 (Part 16): 1984 (RA 2017)	5 mg/L to 3000 mg/L
		Total Hardness	IS 3025 (Part 21): 2009 (RA 2014, 5)	1 mg/L to 500 mg/L
		Total Solids	IS 3025 (Part 15): 1984 (RA 2017)	5 mg/L to 4000 mg/L
		Total Suspended Solids	IS 3025 (Part 17): 1984 (RA 2017)	5 mg/L to 1000 mg/L

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