

Laboratory                      Envision Enviro Technologies North East, Sankar Dev Path, House  
No.-6, Pub Sarania, Chandmari, Guwahati, Assam

Accreditation Standard    ISO/IEC 17025: 2005

Certificate Number        TC-7669                                      Page 1 of 3

Validity                        06.08.2018 to 05.08.2020                      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
<b><u>CHEMICAL TESTING</u></b>				
<b>I.</b>	<b>ATMOSHPERIC POLLUTION</b>			
<b>1.</b>	<b>Ambient Air</b>	PM 10	IS 5182 (Part 23)	10 µg/m <sup>3</sup> to 1000 µg/m <sup>3</sup>
		PM 2.5	USEPA FRM 40 CFR (Part 50), 53 Appendix-L FEM candidate Method - I	10 µg/m <sup>3</sup> to 500 µg/m <sup>3</sup>
		Oxides of Nitrogen	IS 5182 (Part 6)	5 µg/m <sup>3</sup> to 740 µg/m <sup>3</sup>
		Sulfur Dioxide	IS 5182 (Part 2)	5 µg/m <sup>3</sup> to 1050 µg/m <sup>3</sup>
<b>2.</b>	<b>Stack Emission</b>	Suspended Particulate Matter	IS 11255 (Part I)	5 mg/Nm <sup>3</sup> to 1000 mg/Nm <sup>3</sup>
		Velocity	IS 11255 (Part 3)	3.0 m/Sec to 60 m/Sec
		NO <sub>2</sub>	EETNE/SOP/01 Issue No: 01, Issue date: 22.08.2017	53.06 mg/m <sup>3</sup> to 200 mg/m <sup>3</sup>
		O <sub>2</sub>	EETNE/SOP/01 Issue No: 01, Issue date: 22.08.2017	4.0% to 20.9 %
		CO <sub>2</sub>	EETNE/SOP/01 Issue No: 01, Issue date: 22.08.2017	0.2% to 99.9%
		CO	EETNE/SOP/01 Issue No: 01, Issue date: 22.08.2017	81.87 mg/m <sup>3</sup> to 5000 mg/m <sup>3</sup>
		SO <sub>2</sub>	EETNE/SOP/01 Issue No: 01, Issue date: 22.08.2017	4 mg/m <sup>3</sup> to 1050 mg/m <sup>3</sup>
<b>II.</b>	<b>WATER</b>			
<b>1.</b>	<b>Water (Drinking Water, Surface Water, Ground Water)</b>	pH	IS 3025 (Part 11)/ APHA 23rd Edition , 4500-H+ B, Page No.4-95	4 to 10

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		Odour	IS 3025 (Part 5)/ APHA 22 <sup>nd</sup> Edition, 2150 B	Qualitative
		Turbidity	IS 3025 (Part 4)/ APHA 23rd Edition, 2130 B	1 NTU to 1000 NTU
		TSS	IS 3025 (Part 18)/ APHA 23rd Edition , 2540 D , Page No.2-66	50 mg/l to 5000 mg/l
		TDS	IS 3025 (Part 16)/ APHA 23rd Edition , 2540 C, Page No.2-65	10 mg/l to 4000 mg/l
		Oil & Grease	IS 3025 (Part 39) / APHA 23rd Edition , 5520 B, Page No.5-42	5 mg/l to 4000 mg/l
		BOD	IS 3025 (Part 44) / APHA 23rd Edition , 5210- B, Page No.5-6	2 mg/l to 10000 mg/l
		COD	IS 3025 (Part 58)/ APHA 23rd Edition , 5220- B, Page No.5-18	5 mg/l to 50000 mg/l
		Alkalinity	I.S. 3025 (Part 23) / APHA23rd Edition , 2320 B, Page No.2-37	1 to 200 mg/l
		Calcium	APHA 23rd Edition, 3500-Ca B, Page No. 3-69/ IS 3025 (Part 40)	1 to 100 mg/l