Laboratory		Envision Enviro Technologies North East, Sankar Dev Path, House No6, Pub Sarania, Chandmari, Guwahati, Assam			
Acc	reditation Standard	d ISO/IEC 17025: 2005	5		
Certificate Number Validity		TC-7669	Page 1 of 3	Page 1 of 3 Last Amended on	
		06.08.2018 to 05.08.2	2020 Last Amen		
SI.	Product / Material of Test	Specific Test Performed	Test Method Specification against which tests are performed	Range of Testing / Limits of Detection	
		CHEMIC	AL TESTING		
I.	ATMOSHPHERIC P	OLLUTION			
1.	Ambient Air	PM 10 PM 2.5	IS 5182 (Part 23) USEPA FRM 40 CFR (Part 50), 53 Appendix-L FEM candidate Method - I	<u>10 µg/m<sup>3</sup> to 1000 µg/m<sup>3</sup></u> 10 µg/m <sup>3</sup> to 500 µg/m <sup>3</sup>	
~	Stack Emission	Oxides of Nitrogen Sulfur Dioxide	IS 5182 (Part 6) IS 5182 (Part 2)	5 μg/m <sup>3</sup> to 740 μg/m <sup>3</sup> 5 μg/m <sup>3</sup> to 1050 μg/m <sup>3</sup>	
2.		Suspended Particulate Matter Velocity NO2	IS 11255 (Part I) IS 11255 (Part 3) EETNE/SOP/01 Issue No: 01,	5 mg/Nm <sup>3</sup> to1000 mg/Nm <sup>3</sup> 3.0 m/Sec to 60 m/Sec 53.06 mg/m <sup>3</sup> to 200 mg/m <sup>3</sup>	
		02	Issue date: 22.08.2017 EETNE/SOP/01 Issue No: 01, Issue date: 22.08.2017	4.0% to 20.9 %	
		CO2	EETNE/SOP/01 Issue No: 01, Issue date: 22.08.2017	0.2% to 99.9%	
		со	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>	
		SO2	EETNE/SOP/01 Issue No: 01, Issue date: 22.08.2017	4 mg/m <sup>3</sup> to 1050 mg/m <sup>3</sup>	
II.	WATER				
1.	Water (Drinking Water, Surface Water, Ground Water)	рН	IS 3025 (Part 11)/ APHA 23rd Edition , 4500-H+ B, Page No.4-95	4 to 10	

Laboratory	Envision Enviro Technologies North East, Sankar Dev Path, House
	No6, Pub Sarania, Chandmari, Guwahati, Assam

Accreditation Standard		reditation Standard	ISO/IEC 17025: 2005				
	Cert	ificate Number	TC-7669		Page 2 of 3	6	
Validity		dity	06.08.2018 to 05.08.2020		Last Amen	Last Amended on	
ľ	SI.	Product / Material	Specific Test	Test Meth	od Specification	Range of Testing /	
	01.		Deufeurus e d				

	of Test	Performed	against which tests are performed	Limits of Detection
		Colour	IS 3025 (Part 4)/ APHA 23rd Edition,2150- B	5 Hazen to 70 Hazen
		Odour	IS 3025 (Part 5)/ APHA 22 <sup>nd</sup> Edition, 2150 B	Qualitative
		Turbidity	IS 3025 (Part 4)/ APHA 23rd Edition, 2130 B	0.2 NTU to 1000 NTU
		TSS	IS 3025 (Part 18) / APHA 23rd Edition, 2540 D ,Page No.2-66	20 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 mg/l to 100 mg/l
111.	POLLUTION & EN	VIRONMENT		
1.	Waste Water	рН	IS 3025 (Part 11)/ APHA 23rd Edition , 4500-H+ B, Page No.4-95	4 to 10
		Colour	IS 3025 (Part 4)/ APHA 23rd Edition,2150- B	5 Hazan to 70 Hazan

Laboratory	Envision Enviro Technologies North East, Sankar Dev Path, House
	No6, Pub Sarania, Chandmari, Guwahati, Assam

	Accre	ditation Standard	ISO/IEC 17025: 2005			
	Certifi	cate Number	TC-7669	Page 3 of 3	3	
Validity		ty	06.08.2018 to 05.08.20	D20 Last Amen	Last Amended on	
	SI. F	Product / Material	Specific Test	<b>Test Method Specification</b>	Range of Testing /	

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