



ENVIROCHECK

Recognised by MoEF&CC, WBPCB, JSPCB & OSPCB
Accredited by NABL (ISO/IEC 17025:2017)
Certified by ISO 9001:2015, ISO 14001:2015 & OHSAS 18001:2007



TEST REPORT

FORMAT NO : ENV/FM/38

Name of the Industry	: Green Tech Environ Management Pvt. Ltd.	Type of Industry	: Bio-Medical Waste Treatment Plant
Address	: Mouza - Dihinarayani, Amratala, Dharma Road, Plot - 164, J. L. No. - 23 & 24, 24 Pgs. (S), Pin - 743503	Sampling Date	: 22.07.2020
		Period of Analysis	: 22.07.2020 - 23.07.2020
		Date of Issue	: 24.07.2020
Sampling Plan & Procedure	: ENV/SOP/01	Deviation from the Sampling Method and Plan	: No
Sample ID No.	: ENV/68A/July/A/I	Report No.	: ENV/68A/July/TR(A)/I/20-21
		Type of Sample	: Source Emission

A. GENERAL INFORMATION ABOUT STACK PROVIDED BY THE INDUSTRY

Stack Attached to	: Incinerator	Height of Stack (mtr.) (from G. L.)	: 30.48
Shape of Stack	: Circular	Stack I.D. at sampling point (mtr.)	: 0.381
Materials of Construction	: M.S.	Height of sampling port (mtr.) (from G.L.)	: 18.28
Capacity	: 150 kg./hr.		
Emission Due to	: Combustion of H.S.D & Bio Medical Waste		
Fuel Used	: H.S.D	Permanent Platform & Ladder	: Yes
Working Fuel Consumption	: 20 liter./hr.		
Pollution Control Device	: Multi Cyclone, Quencher, Venturi, Wet Scrubber (2 nos.), Cyclone Droplet Separator		

B. RESULTS

SL. NO.	PARAMETERS	UNIT	METHOD NO.	RESULTS
1.	Flue Gas Temperature	°C	IS : 11255 (Part 1)	: 60.0
2.	Barometric Pressure	mm of Hg.	--	: 755.0
3.	Velocity of Gas flow	m/s	IS : 11255 (Part 3)	: 13.15
4.	Quantity of Gas flow	Nm ³ /hr.	IS : 11255 (Part III)	: 4657.74
5.	Concentration of SO ₂ (at 11% O ₂)	mg/Nm ³	IS 11255 (Part 2) 1985 RA 2003	: 61.25
6.	Concentration of NO _x (at 11% O ₂)	mg/Nm ³	IS : 11255 (Part 7) 2005 & ASTM D 1608-98 reapproved 2009 : Sec. 11 (Vol. 11.07) : 2011	: 72.65
7.	Concentration of CO ₂	% (v/v)	IS 13270 1992 RA 2003	: 6.0
8.	Concentration of CO	% (v/v)	IS 13270 1992 RA 2003	: <1.0
9.	a) Concentration of Particulate Matter	mg/Nm ³	IS 11255 (Part - 1) 1985 RA 2003 & ASTM D 3685/D 3685M-98 (reapproved 2005) : Sec. 11 (Vol. 3 11.07) : 2011	: 36.76
	b) Concentration of Particulate Matter (at 11% O ₂)			: 43.76

Remarks :

Reviewed By :

Indrani Bhattacharya

INDRANI BHATTACHARYA
Dy. Technical Manager, Chemical

Approved By :

Dr. Sumit Chowdhury

Dr. SUMIT CHOWDHURY
Technical Manager



ENVIROCHECK

Recognised by MoEF&CC, WBPCB, JSPCB & OSPCC
Accredited by NABL (ISO/IEC 17025:2005)
Certified by ISO 9001:2015, ISO 14001:2015 & OHSAS 18001:2007



TEST REPORT

FORMAT NO : ENV/FM/38

Name of the Industry	: Green Tech Environ Management Pvt. Ltd.	Type of Industry	: Bio-Medical Waste Treatment Plant		
Address	: Mouza - Dihinarayani, Amratala, Dharma Road, Plot - 164, J. L. No. - 23 & 24, 24 Pgs. (S), Pin - 743503	Sampling Date	: 22.07.2020		
		Period of Analysis	: 22.07.2020 - 23.07.2020		
		Date of Issue	: 24.07.2020		
Sampling Plan & Procedure	: ENV/SOP/01	Deviation from the Sampling Method and Plan	: No	Type of Sample	: Source Emission
Sample ID No.	: ENV/68A/July/A/I	Report No.	: ENV/68A/July/TR(A)/1/20-21		

A. GENERAL INFORMATION ABOUT STACK PROVIDED BY THE INDUSTRY

Stack Attached to	: Incinerator	Height of Stack (mtr.) (from G. L.)	: 30.48
Shape of Stack	: Circular	Stack I.D. at sampling point (mtr.)	: 0.381
Materials of Construction	: M.S.	Height of sampling port (mtr.) (from G.L.)	: 18.28
Capacity	: 150 kg./hr.	Emission Due to	: Combustion of H.S.D & Bio Medical Waste
Fuel Used	: H.S.D	Permanent Platform & Ladder	: Yes
Working Fuel Consumption	: 20 liter./hr.	Pollution Control Device	: Multi Cyclone, Quencher, Venturi, Wet Scrubber (2 nos.), Cyclone Droplet Separator

B. RESULTS

SL. NO.	PARAMETERS	UNIT	METHOD NO.	RESULTS
1.	Concentration of O ₂	% (v/v)	IS 13270 1992 RA 2003	12.6
2.	Concentration of Hcl (at 11% O ₂)	%(v/v)	WHO, Geneva - 1969	2.77

Remarks : N.A. means Not Available.

Reviewed By :

Indrani Bhattacharya

Approved By :

Dr. Sumit Chowdhury

Dr. SUMIT CHOWDHURY
Technical Manager

INDRANI BHATTACHARYA
Dy. Technical Manager, Chemical