



LIFE
Lifestyle for
Environment

WEST BENGAL POLLUTION CONTROL BOARD

(Department of Environment, Government of West Bengal)

Paribesh Bhawan, 10A, Block – LA, Sector III, Bidhannagar

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Analysis Reports of Gaseous Emission

Sample ID : 30062026149

1.	Name of Industry	:	M/S SNG ENVIROSOLUTIONS PVT. LTD.
2.	Address	:	Mouza-Saharjora, PO & PS-Barjora, Bankura, Pin-722202
3.	Category & Type	:	Red, CBWTF
4.	Sampling Date	:	24/06/2026
5.	Sample collected by	:	Mr. G. G. Chakraborty, A.E.E., Waste Management Cell, HO
6.	Thimble Number	:	6a
7.	Name of Recognized Laboratory	:	M/S Green Vision
8.	Duration of Sampling (mins)	:	36
9.	Height of Stack from ground (m)	:	30
10.	Cross section of stack at sampling point (m ²)	:	0.1256
11.	Stack connected to	:	Dual Chamber Incinerator
12.	Emission source (Furnace / Boiler)	:	Combustion of LPG & Biomedical Waste In Incinerator
13.	Avg. operational hours of boiler/furnace (per month)	:	720
14.	APC System (if any)	:	MC, RQ, Bag Filter & CDS
15.	Working load of source (MT/hr.)	:	250 Kg/hr.
16.	Fuel used	:	LPG & BMW
17.	Rated Fuel consumption (Kg or L /hr.)	:	LPG-4.5 Kg/hr. & BMW-250 Kg/hr.
18.	Working Fuel consumption (Kg or L /hr.)	:	LPG-4.5 Kg/hr. & BMW-250 Kg/hr.
19.	Nature of Furnace / Boiler	:	Dual Chamber Incinerator
20.	Flue Gas Temp (°C)	:	92
21.	Flue gas velocity (m/sec)	:	7.82
22.	Volume of Flue gas drawn in lit (m ³)	:	1.008
23.	Corrected flue gas volume (Nm ³)	:	0.919
24.	Percentage CO ₂ and or O ₂	:	CO ₂ : 6.6%, O ₂ : 12.8%
25.	To be compensated at (% if required)	:	11% O ₂
26.	Initial weight of Thimble (g)	:	1.8512
27.	Final weight of Thimble (g)	:	1.8878
28.	Weight of Particulate Matter (mg)	:	36.60
29.	Particulate Matter (mg/Nm ³)	:	39.83 at 12.8% O ₂ = 48.57 at 11% O ₂
30.	Barometric Pressure Head in mm of Hg	:	753
31.	Diameter of the nozzle (mm)	:	9.525
32.	Others	:	NO _x & Acid Mist (To be Submitted by Recognized Lab)

08/07/2026

Date of Reporting

A. Shy

Jr. Scientist

(Checked & verified by)

Shy

Sr. Scientist

(Issued by)

Copy to : 1. Chief Engineer (Planning/EIM)
2. Chief Engineer (O & E)
3. Waste Management Cell, HO (Copy 1, Copy 2)