



LIFE
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WEST BENGAL POLLUTION CONTROL BOARD

(Department of Environment, Government of West Bengal)

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Analysis Reports of Gaseous Emission

BMW-134
26-05-2026

Sample ID : 23032026055

1.	Name of Industry	:	M/S SNG ENVIROSOLUTIONS PVT. LTD.
2.	Address	:	Arazi Balarambati, Manigram, Sagardighi, Murshidabad, Pin-742237
3.	Category & Type	:	Red, CBWTF
4.	Sampling Date	:	18/03/2026
5.	Sample collected by	:	Mr. G. G. Chakraborty, A.E.E., Waste Management Cell, HO & Mr. H. Murmu, A.E.E., Malda RO
6.	Thimble Number	:	3a
7.	Name of Recognized Laboratory	:	M/S Bharat Foundation
8.	Duration of Sampling (mins)	:	30
9.	Height of Stack from ground (m)	:	30
10.	Cross section of stack at sampling point (m ²)	:	0.4558
11.	Stack connected to	:	Dual Chamber Incinerator (250 Kg/hr.)
12.	Emission source (Furnace / Boiler)	:	Combustion of LPG & Biomedical Waste
13.	Avg. operational hours of boiler/furnace (per month)	:	480
14.	APC System (if any)	:	DCS, RQ, DCS, Recuperator & 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-10 Kg/hr. & BMW-250 Kg/hr.
18.	Working Fuel consumption (Kg or L /hr.)	:	LPG-9.5 Kg/hr. & BMW-240 Kg/hr.
19.	Nature of Furnace / Boiler	:	LPG Fired Incinerator
20.	Flue Gas Temp (°C)	:	45.6
21.	Flue gas velocity (m/sec)	:	4.85
22.	Volume of Flue gas drawn in lit (m ³)	:	1.14
23.	Corrected flue gas volume (Nm ³)	:	1.104
24.	Percentage CO ₂ and or O ₂	:	CO ₂ : 6.8%, O ₂ : 13%
25.	To be compensated at (% , if required)	:	11% O ₂
26.	Initial weight of Thimble (g)	:	1.8559
27.	Final weight of Thimble (g)	:	1.8648
28.	Weight of Particulate Matter (mg)	:	8.90
29.	Particulate Matter (mg/Nm ³)	:	8.06 at 13% O ₂ ≡ 10.08 at 11% O ₂
30.	Barometric Pressure Head in mm of Hg	:	756
31.	Diameter of the nozzle (mm)	:	12.27
32.	Others	:	NO _x (To be Submitted by Recognized Lab)

02/04/2026
Date of Reporting

A. ishi
Jr. Scientist
(Checked & verified by)

[Signature]
Sr. Scientific Officer
(Issued by)

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



WEST BENGAL POLLUTION CONTROL BOARD

Kankinara Laboratory
Panpore More, Kalyani Expressway, Vill. Panpur, P.O. Narayanpur, Dist: 24-
Parganas (N), Pin 743 126,(033) 2502-1189



BMW-133
26.05.2026

Report No: 337

TEST REPORT

Issue Date: 07/04/2026

Sample Details	Industry Effluent	A R F No.	337/2026
Sample Received From	Malda Regional Office	Sampling Date	18/03/2026
Test Material	ETP Samples of M/s. SNG Enviro-solution Pvt Ltd	Sample Received on	30/03/2026
Sampling Location	M/s. SNG Enviro-solution Pvt Ltd	Total no of Sample	1
Height/Depth	NA	Period of Analysis	18/03/2026 to 30/03/2026
Sample Condition	Good	Climate Condition	NA
Name of Industry	M/s. SNG Enviro-solution Pvt Ltd	Address	Mouza - Arazai Balarambati, P S -Sagarighi, Dist - Murshidabad, P.O - Manigram, PIN 742237
Sample Collected by	G G Chakraborty, AEE (WMC) & H Murmu, AEE (MRO)		

Sampling Procedure Reference - BRL/SOP/25

Sampling Plan - WBPCB/BRL/QR/7.3

Sl	Treated/Untreated	Collection Time	Sampling Details (Collection / Discharge)	
1	Treated	10:06 HRS	Outlet of ETP	
parameters	Result	Unit	LOD	Method
BOD(3days@27°C)	Not Done	mg/l	1.00 mg/l	IS 3025(Part 44):1993
COD	22.00	mg/l	5.00 mg/l	APHA 5220 B (24th edition, 2023)
O&G	BDL	mg/l	5.00 mg/l	APHA 5520 B (24th edition, 2023)
pH (Unit)	10.45	unit	2.00 unit	APHA 4500 H+ B (24th edition, 2023)
TSS(@103-105°C)	38.00	mg/l	6.00 mg/l	APHA 2540 D (24th edition, 2023)

Note: - LOD: Limit of Detection, BDL: Below Detection Limit, NT: Not Traceable, NA: Not Applicable, ND: Not Done

1) For Sampling details pl. refer to A R F No. 337/2026 Dated: 19/03/2026 2) Results are reported based on preserved materials received

3) Sample will be destroyed after 1 month from the date of issue of the certificate unless otherwise specified. Sample will be preserved according to Standard Method

4) The Test Report shall not be reproduced in full or part without the written permission of the Laboratory.

Authorised Signatory :

Scientist
(Verified by)

Scientist
(Checked by)

Scientist & Lab In-Charge
(Issued by)

End of Report