



**TEST REPORT**

**ISSUED TO**

SNG Envirosolutions Pvt. Ltd.  
Arazi Balarambati, Dist.-Murshidabad  
Sagardighi - 742237

**REPORT NO** : EFRAC/ENV/DXN/251219002

**ISSUE DATE** : 05/01/2026

**REFERENCE NO** : TRF

**REF. DATE** : 19/12/2025

**PAGE NO** : Page 1 of 5

**KIND ATTENTION** : Mr. Indranil Bhattacharyya

**SAMPLE DETAILS**

**SAMPLE REGISTRATION DETAILS**

Sample Receipt Date & Time : 18/12/2025  
Sample Registration Date : 19/12/2025  
Sample Registration No : EFRAC/ENV/DXN/251219002/03/RA/00002  
Sample Type/Particulars : Incinerator Stack  
Batch No : Nil

Sample Quantity Received : 1 No  
Sample Quantity Used : 1 No  
Sample Drawn by : EFRAC  
Start Of Sampling Date & Time : 17/12/2025  
End Of Sampling Date & Time : N/A  
Sampling Method : N/A  
Sampler Name : Satyajit Mondal  
Sample Condition : Fit for Analysis

**SAMPLE ANALYSIS DETAILS**

Analysis Starting Date : 20/12/2025      Analysis Completion Date : 05/01/2026

**GENERAL INFORMATION ABOUT STACK**

Stack Identification No. : Incinerator Stack	Stack Hight From Ground Level (m) : 30.0 m
Shape Of Stack : Circular	Hight Of Sampling Point From Ground Level (m) : 20.0 m
Stack Connected To : Incinerator	Stack Diameter At Sampling Point (m) : 0.6 m
Emmision Due To : Burning Of LPG & Bio-medical Waste	Material Of Construction Of Stack : M.S
Installed Capacity : 250 kg/hr	Platform & Ladder Type & Condition : Well & Permanent
Running Capacity : 200 kg/hr	Pollution Control Device : Bag Filter, NaHCO3 & Lime Spray
Fuel Used : LPG	Fuel Consumption : 105 Lit/hr
Remarks : NA	

**TEST RESULTS**

SL. NO.	PARAMETER	UOM	METHOD	LOQ	REQUIREMENTS	RESULTS
<b>Dioxins &amp; Furans</b>						
1	1,2,3,4,6,7,8-Heptachlorodibenzo-P-Dioxin	ng.TEQ/Nm3	USEPA 23A/QA.16.4.73	0.00024	-	<0.00024
2	1,2,3,4,7,8-Hexachlorodibenzo-P-Dioxin	ng.TEQ/Nm3	USEPA 23A/QA.16.4.73	0.0024	-	<0.0024
3	1,2,3,6,7,8-Hexachlorodibenzo-P-Dioxin	ng.TEQ/Nm3	USEPA 23A/QA.16.4.73	0.0024	-	<0.0024
4	1,2,3,7,8,9-Hexachlorodibenzo-P-Dioxin	ng.TEQ/Nm3	USEPA 23A/QA.16.4.73	0.0024	-	<0.0024
5	1,2,3,7,8-Pentachlorodibenzo-P-Dioxin	ng.TEQ/Nm3	USEPA 23A/QA.16.4.73	0.024	-	<0.024
6	2,3,7,8-Tetrachlorodibenzo-P-Dioxin	ng.TEQ/Nm3	USEPA 23A/QA.16.4.73	0.005	-	<0.005
7	Octachlorodibenzo-P-Dioxin	ng.TEQ/Nm3	USEPA 23A/QA.16.4.73	0.000015	-	<0.000015
8	1,2,3,4,6,7,8-Heptachlorodibenzofuran	ng.TEQ/Nm3	USEPA 23A/QA.16.4.73	0.00024	-	<0.00024
9	1,2,3,4,7,8,9-Heptachlorodibenzofuran	ng.TEQ/Nm3	USEPA 23A/QA.16.4.73	0.00024	-	<0.00024
10	1,2,3,4,7,8-Hexachlorodibenzofuran	ng.TEQ/Nm3	USEPA 23A/QA.16.4.73	0.0024	-	<0.0024

**LOQ** Limit of Quantitation; **BLQ** Below Limit of Quantitation; **UOM** :Unit of Measurement; **MAX** : Maximum **MIN** :Minimum; **NMT**Not More Than; **NLT**: Not Less Than. **PR**Present; **AB**Absent. **N/A**: Not Applicable. **TEQ**: Toxicity Equivalent **BDL**: Below Detection Limit  
Results reported in Bold denotes "Out of Specification" parameters

Please refer Terms & Conditions mentioned at the last page after the end of Test Report



## TEST REPORT

**ISSUED TO**

SNG Envirosolutions Pvt. Ltd.  
Arazi Balarambati, Dist.-Murshidabad  
Sagardighi - 742237

**REPORT NO** : EFRAC/ENV/DXN/251219002

**ISSUE DATE** : 05/01/2026

**REFERENCE NO** : TRF

**REF. DATE** : 19/12/2025

**PAGE NO** : Page 2 of 5

**KIND ATTENTION** : Mr. Indranil Bhattacharyya

## TEST RESULTS

SL. NO.	PARAMETER	UOM	METHOD	LOQ	REQUIREMENTS	RESULTS
<b>Dioxins &amp; Furans</b>						
11	1,2,3,6,7,8-Hexachlorodibenzofuran	ng.TEQ/Nm <sup>3</sup>	USEPA 23A/QA.16.4.73	0.0024	-	<0.0024
12	1,2,3,7,8,9-Hexachlorodibenzofuran	ng.TEQ/Nm <sup>3</sup>	USEPA 23A/QA.16.4.73	0.0024	-	<0.0024
13	1,2,3,7,8-Pentachlorodibenzofuran	ng.TEQ/Nm <sup>3</sup>	USEPA 23A/QA.16.4.73	0.00072	-	<0.00072
14	2,3,4,6,7,8-Hexachlorodibenzofuran	ng.TEQ/Nm <sup>3</sup>	USEPA 23A/QA.16.4.73	0.0024	-	<0.0024
15	2,3,4,7,8-Pentachlorodibenzofuran	ng.TEQ/Nm <sup>3</sup>	USEPA 23A/QA.16.4.73	0.0072	-	<0.0072
16	2,3,7,8-Tetrachlorodibenzofuran	ng.TEQ/Nm <sup>3</sup>	USEPA 23A/QA.16.4.73	0.0005	-	<0.0005
17	Octachlorodibenzofuran	ng.TEQ/Nm <sup>3</sup>	USEPA 23A/QA.16.4.73	0.000015	-	<0.000015
18	Total Dioxins & Furans	ng.TEQ/Nm <sup>3</sup>	USEPA 23A/QA.16.4.73	0.01	Max:0.1	<0.01

**Conclusion** : The sample Conforms to the requirements as per CPCB guideline for incinerator stack emission monitoring for the above tested parameter(s) only. The concentrations of dioxins and furans are expressed in terms of Toxicity Equivalents (TEQ). This Statement is drawn on the basis of the Results Obtained for the Tested Parameters only.



Tarun Pravendra Tiwari  
Authorized Signatory



**TEST REPORT**

**ISSUED TO**

SNG Envirosolutions Pvt. Ltd.  
Arazi Balarambati, Dist.-Murshidabad  
Sagardighi - 742237

**REPORT NO** : EFRAC/ENV/DXN/251219002  
**ISSUE DATE** : 05/01/2026  
**REFERENCE NO** : TRF  
**REF. DATE** : 19/12/2025  
**PAGE NO** : Page 3 of 5

**KIND ATTENTION** : Mr. Indranil Bhattacharyya

**SAMPLE DETAILS**

**SAMPLE REGISTRATION DETAILS**

Sample Receipt Date & Time : 18/12/2025  
Sample Registration Date : 19/12/2025  
Sample Registration No : EFRAC/ENV/DXN/251219002/03/MT/00002  
Sample Type/Particulars : Incinerator Stack  
Batch No : Nil

Sample Quantity Received : 1 No  
Sample Quantity Used : 1 No  
Sample Drawn by : EFRAC  
Start Of Sampling Date & Time : 17/12/2025  
End Of Sampling Date & Time : N/A  
Sampling Method : N/A  
Sampler Name : Satyajit Mondal  
Sample Condition : Fit for Analysis

**SAMPLE ANALYSIS DETAILS**

Analysis Starting Date : 20/12/2025 Analysis Completion Date : 25/12/2025

**GENERAL INFORMATION ABOUT STACK**

Stack Identification No. : Incinerator Stack	Stack Hight From Ground Level (m) : 30.0 m
Shape Of Stack : Circular	Hight Of Sampling Point From Ground Level (m) : 20.0 m
Stack Connected To : Incinerator	Stack Diameter At Sampling Point (m) : 0.6 m
Emmission Due To : Burning Of LPG & Bio-medical Waste	Material Of Construction Of Stack : M.S
Installed Capacity : 250 kg/hr	Platform & Ladder Type & Condition : Well & Permanent
Running Capacity : 200 kg/hr	Pollution Control Device : Bag Filter, NaHCO <sub>3</sub> & Lime Spray
Fuel Used : LPG	Fuel Consumption : 105 Lit/hr
Remarks : NA	

**TEST RESULTS**

SL. NO.	PARAMETER	UOM	METHOD	LOQ	REQUIREMENTS	RESULTS
<b>Metals &amp; Minerals</b>						
1	Mercury & its Compounds	mg/Nm <sup>3</sup>	USEPA 29 : 2017	0.003	Max :0.02	<0.003

**Conclusion** : The Sample **Conforms** to the Requirements of STACK. This Statement is drawn on the basis of the Results Obtained for the Tested Parameters only.



Tarun Pravendra Tiwari  
Authorized Signatory



**TEST REPORT**

**ISSUED TO**

SNG Envirosolutions Pvt. Ltd.  
Arazi Balarambati, Dist.-Murshidabad  
Sagardighi - 742237

**REPORT NO** : EFRAC/ENV/DXN/251219002  
**ISSUE DATE** : 05/01/2026  
**REFERENCE NO** : TRF  
**REF. DATE** : 19/12/2025  
**PAGE NO** : Page 4 of 5

**KIND ATTENTION** : Mr. Indranil Bhattacharyya

**SAMPLE DETAILS**

**SAMPLE REGISTRATION DETAILS**

Sample Receipt Date & Time : 18/12/2025  
Sample Registration Date : 19/12/2025  
Sample Registration No : EFRAC/ENV/DXN/251219002/03/WC/00002  
Sample Type/Particulars : Incinerator Stack  
  
Batch No : Nil

Sample Quantity Received : 1 No  
Sample Quantity Used : 1 No  
Sample Drawn by : EFRAC  
Start Of Sampling Date & Time : 17/12/2025  
End Of Sampling Date & Time : N/A  
Sampling Method : IS / EPA / CPCB  
Sampler Name : Satyajit Mondal  
Sample Condition : Fit for Analysis

**SAMPLE ANALYSIS DETAILS**

Analysis Starting Date : 20/12/2025      Analysis Completion Date : 22/12/2025

**GENERAL INFORMATION ABOUT STACK**

Stack Identification No. : Incinerator Stack	Stack Hight From Ground Level (m) : 30.0 m
Shape Of Stack : Circular	Hight Of Sampling Point From Ground Level (m) : 20.0 m
Stack Connected To : Incinerator	Stack Diameter At Sampling Point (m) : 0.6 m
Emmission Due To : Burning Of LPG & Bio-medical Waste	Material Of Construction Of Stack : M.S
Installed Capacity : 250 kg/hr	Platform & Ladder Type & Condition : Well & Permanent
Running Capacity : 200 kg/hr	Pollution Control Device : Bag Filter, NaHCO3 & Lime Spray
Fuel Used : LPG	Fuel Consumption : 105 Lit/hr
Remarks : NA	

**TEST RESULTS**

SL. NO.	PARAMETER	UOM	METHOD	LOQ	REQUIREMENTS	RESULTS
<b>Physical &amp; Chemical</b>						
1	Hydrochloric Acid	mg/Nm3	USEPA Method 26A : 2017	N/A	Max: 50.0	1.12, 1.44 (11% O2)
2	Oxides of Nitrogen (NOX)	mg/Nm3	EPA Method 7E : 2020	N/A	Max: 400.0	90.69, 116.27 ( 11 % O2)
3	Particulate Matter	mg/Nm3	IS 11255 (Part 1) : 1985 (RA 2003)	N/A	Max: 50.0	37.19, 47.68 (11% O2)

**TEST REPORT**

<b>ISSUED TO</b> SNG Envirosolutions Pvt. Ltd. Arazi Balarambati, Dist.-Murshidabad Sagardighi - 742237	<b>REPORT NO</b> : EFRAC/ENV/DXN/251219002 <b>ISSUE DATE</b> : 05/01/2026 <b>REFERENCE NO</b> : TRF <b>REF. DATE</b> : 19/12/2025 <b>PAGE NO</b> : Page 5 of 5
<b>KIND ATTENTION</b> : Mr. Indranil Bhattacharyya	

**TEST RESULTS**

SL.NO.	PARAMETER	UOM	METHOD	LOQ	REQUIREMENTS	RESULTS
<b>Physical &amp; Chemical</b>						
4	Combustion Efficiency	%	CPCB Emission Regulation (Part 3) : 1985	N/A	-	99.90

**Conclusion** : The Sample **Conforms** to the requirements of CPCB Guidelines for Incinerator Stack Emission Monitoring . This Statement is drawn on the basis of the Results Obtained for the Tested Parameters only.



Kaushik Mondal  
Authorized Signatory

\*\*END OF THE TEST REPORT\*\*

**LOQ** Limit of Quantitation; **BLQ** Below Limit of Quantitation; **UOM** :Unit of Measurement; **MAX** : Maximum **MIN** :Minimum; **NMT**Not More Than; **NLT**: Not Less Than. **PR** Present; **AB**Absent.  
**N/A**: Not Applicable. **TEQ**: Toxicity Equivalent **BDL**: Below Detection Limit  
Results reported in Bold denotes "Out of Specification" parameters

Please refer Terms & Conditions mentioned at the last page after the end of Test Report

## **SERVICES TERMS & CONDITIONS**

These are the summary of Services Terms & Conditions ("T&C"), which shall apply to all services provided by Edward Food Research and Analysis Centre Limited ("EFRAC") to its Clients. These T&C override any general purchase conditions of the Client unless a separate written agreement is signed. If such agreement is silent on certain topics, these T&C shall prevail. For detailed Terms & Conditions, please visit:

🔗 <https://efrac.org/wp-content/brochure/Terms-Conditions-for-EFRAC-Services%20.pdf>

### **1. DEFINITIONS**

Includes definitions of "Client", "Sample", "Report", "Client Data", "Personal Data", "Confidential Information", "Force Majeure", and "Intellectual Property". Full definitions are detailed in the full T&C document linked above.

### **2. SERVICES**

EFRAC provides services under a mutually agreed Quotation and Purchase Order. It may decline services at its discretion and subcontract them with continued responsibility. Insufficient samples may lead to service cancellation.

### **3. REPORTS**

Reports reflect findings from the samples analyzed and are not applicable to entire lots. Reports are objective and independent and must not be misused or selectively presented. Clients are responsible for their use of the reports.

### **4. PAYMENTS**

Payments must be made within the agreed time (generally 30 days). Delays incur 1.5% monthly interest. Non-payment may result in suspension of services. All applicable taxes and bank charges are to be borne by the Client.

### **5. LIABILITY AND INDEMNIFICATION**

EFRAC is not an insurer or guarantor. Liability is limited to direct damages from gross negligence, capped at the service fee. Clients must indemnify EFRAC against third-party claims, misuse of reports, and violations of laws.

### **6. TERMINATION**

EFRAC may terminate or suspend services without liability if the Client breaches obligations, delays payment, or becomes insolvent.

### **7. DATA PROTECTION & CONFIDENTIALITY**

EFRAC protects Personal Data as per its Privacy Policy. Confidential information is safeguarded during service and for five years after termination, with disclosure only under legal obligation.

### **8. INTELLECTUAL PROPERTY**

EFRAC retains all rights to its intellectual property. Clients may use deliverables post full payment under a limited, non-transferable license. Unauthorized use or sharing is prohibited.

### **9. FORCE MAJEURE**

EFRAC is not liable for delays caused by uncontrollable events (e.g., natural disasters, strikes, government actions). Clients are to compensate EFRAC for the work done until the force majeure event.

### **10. MISCELLANEOUS**

Includes statements on independence, subcontracting, severability and assignment restrictions.

### **11. GOVERNING LAW & JURISDICTION**

These T&C are governed by Indian law, and any disputes shall fall under the exclusive jurisdiction of the courts in Kolkata.