

# NON-GHG INVENTORY REPORTING

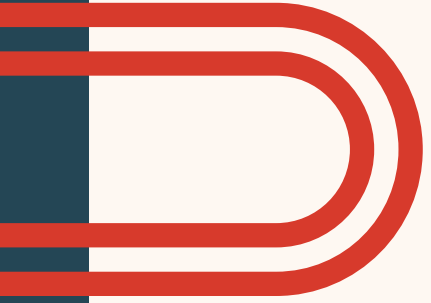
## YEAR 2025

Messianic Clothing Pvt. Ltd.

A13, HOSIERY COMPLEX, PHASE-II

EXTENSION, NOIDA, Gautam  
Buddha Nagar, Uttar Pradesh





# **OBJECTIVE OF THE REPORT**

**TRACK AND REDUCE AIR  
POLLUTANT EMISSIONS**

**MONITOR RESOURCE  
CONSUMPTION**

**ENSURE REGULATORY  
COMPLIANCE**

**TRACK AIR QUALITY  
AND HEALTH IMPACT**

**IMPROVE OPERATIONAL  
EFFICIENCY**

**ENHANCE CORPORATE TRANSPARENCY  
AND ACCOUNTABILITY**

## MESSIANIC CLOTHING PVT. LTD.

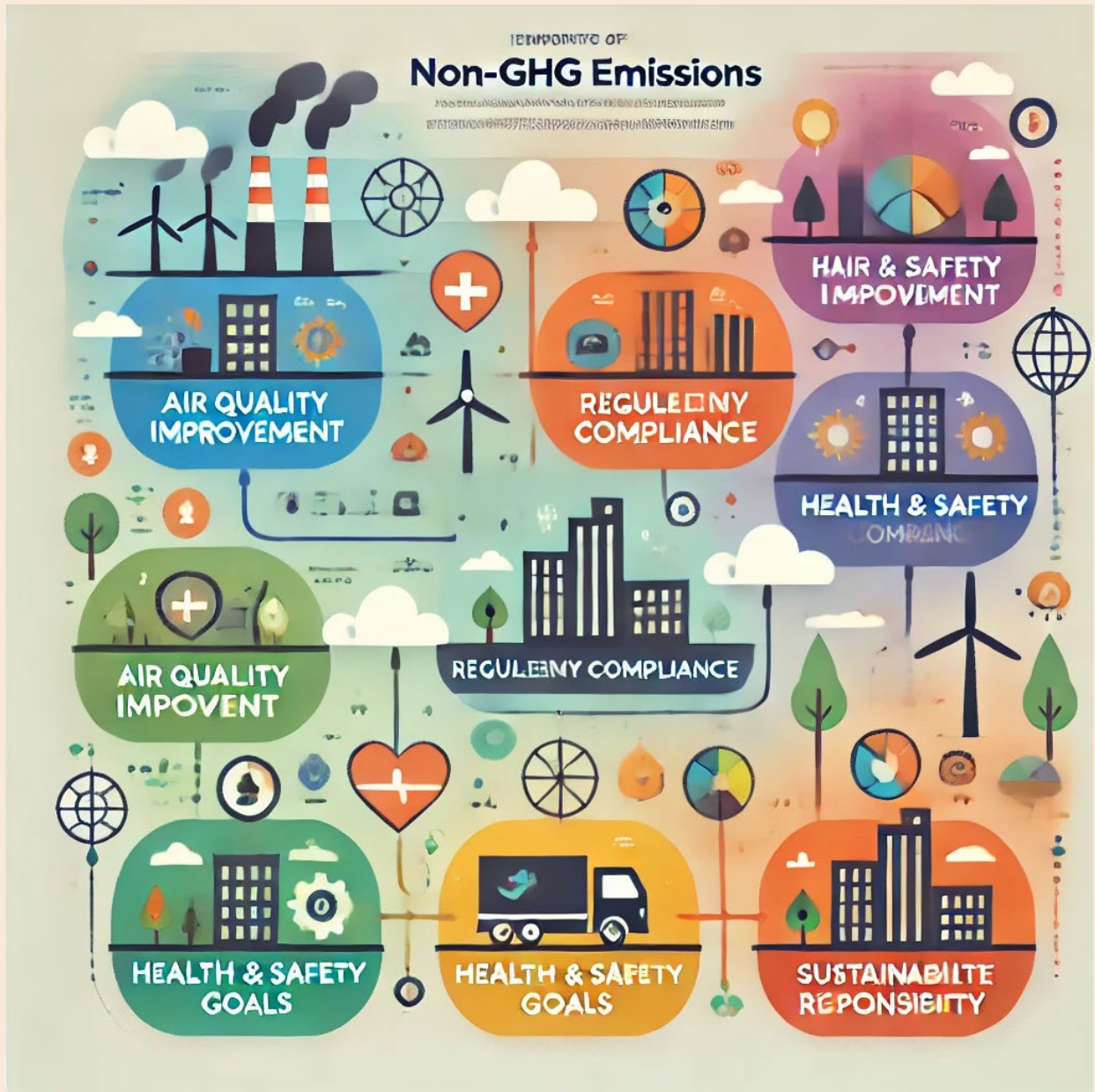
Established in 2001, Messianic Clothing Pvt Ltd is a leading production house specializing in the design and manufacturing of high-fashion garments for ladies. Based in Noida, the company has built a strong reputation for its high-quality apparel and has been exporting to prominent markets in Europe and the USA for over two decades.

With a commitment to excellence, Messianic Clothing combines advanced production techniques with an understanding of global fashion trends, offering a wide range of garments that meet the highest standards of quality and style. The company's global presence underscores its dedication to both the fashion industry and international business partnerships.





# IMPORTANCE OF NON-GHG REPORTING



# Non-GHG emissions reporting is important for several reasons:



**Air Quality Improvement** – Helps track and reduce pollutants like NO<sub>x</sub>, SO<sub>2</sub>, and PM, improving local air quality.



**Regulatory Compliance** – Ensures adherence to environmental laws and standards (e.g., CPCB, EPA, ISO 14001).



**Health & Safety** – Reducing toxic emissions lowers health risks for employees and communities.



**Sustainability Goals** – Supports corporate ESG and sustainability commitments beyond carbon emissions.



**Corporate Responsibility** – Enhances transparency and reputation by demonstrating environmental accountability.



**Operational Efficiency** – Identifies opportunities to optimize fuel use and reduce waste, lowering costs.

# SCOPES IN NON-GHG REPORTING



Scope	Description	Example of Emission Sources
Scope 1	Direct emissions from owned/controlled operations	Industrial combustion (boilers, furnaces), vehicle exhaust (NO <sub>x</sub> , PM), process emissions (SO <sub>x</sub> from metal refining, VOCs from textile dyeing)
Scope 2 (considered in GHG reporting)	Indirect emissions from purchased electricity, steam, heating, cooling	Emissions from coal-based grid electricity
Scope 3	Indirect emissions from value chain (suppliers, customers, logistics)	Third-party transport emissions (NO <sub>x</sub> , PM from shipping & trucking), employee, commuting (vehicle exhaust), emissions from purchased goods & services



# WHAT IS A NON-GHG REPORT?



A **Non-GHG Report** is a document that records and analyses emissions of air pollutants that are not greenhouse gases (GHGs) but still impact air quality, human health, and the environment.

These include particulate matter (PM), nitrogen oxides (NO<sub>x</sub>), sulphur dioxide (SO<sub>2</sub>), volatile organic compounds (VOCs), carbon monoxide (CO), and hazardous air pollutants (HAPs).


### Key Components of a Non-GHG Report:

- 1 Emission Sources (Factories, vehicles etc.)
- 2 Types of pollutants and their impacts
- 3 Emission Factors & Calculations (based on CPCB, IPCC, and EPA guidelines)
- 4 Reduction strategies & targets
- 5 Regulatory frameworks & compliance


# EMISSION IN TEXTILE INDUSTRY



Textile industry contributes **20%** of **global industrial water pollution**.



Major emissions:  $\text{SO}_2$ ,  $\text{NO}_x$ , VOCs, PM 2.5



**7.8 million tonnes** of textile waste is generated in India.



To reduce emissions, industry is focusing on sustainable procurement of materials, waste recycling, and responsible manufacturing.



# **ABOUT THE ORGANISATION**

- Messianic Clothing Pvt Ltd is a premier production house specializing in high-fashion garments for ladies. Based in Noida, India. With a strong focus on international markets, Messianic Clothing exports its products to leading fashion hubs in Europe and the USA, providing clients with garments that reflect the latest trends and high standards of quality.

- As a 100% export-oriented garment manufacturer, the company recognizes the impact of the textile and apparel industry on climate change and has taken steps to mitigate its carbon footprint.







## Introduction

- This document outlines the **non-GHG emissions reporting framework** for Messianic Clothing Pvt. Ltd., Noida, following **ISO 14001** standards
- The report follows **Operational Control Approach** to ensure comprehensive environmental impact assessment.

## Organizational Boundary Definition

- **Approach Used: Operational Control Approach** (reporting emissions from operations where the organization has direct environmental management control).
- **Scope of Reporting:** Includes **all utilities, fuel consumption, and indirect emissions** from **employee commutation** and **downstream transportation**.
- **Emission Factors Applied: CPCB (India), IPCC, and EPA (USA).**

# ABOUT THE REPORT

- The company has conducted a **non-Greenhouse Gas (non-GHG) accounting study** for its operations from **January 1, 2025, to December 31, 2025**.
- This report also includes necessary data assumptions, exclusions, and explanations for any deviations from methodologies. The scope includes all emissions within the operational boundaries of ***Messianic Clothing Pvt. Ltd., Noida***.
- The facility holds all applicable pollution consents under government regulations. The study involved collecting and analyzing data as per the above standards, ensuring full compliance with environmental regulations.
- **Period of Validity:** This report remains valid until it is superseded by a future revision or until the Company publishes a report that modifies the approach and calculation methodology outlined herein.
- **Frequency of the Report:** The unit plans to assess its GHG performance annually. This report covers data from January 1, 2025, to December 31, 2025, inclusive of both dates.

## ABOUT THE REPORT

# INTENDED USE & USERS OF THE REPORT

This report is a voluntary communication to various stakeholders of Messianic Clothing Pvt. Ltd., including customers, management, investors, government agencies, and the public. It serves to monitor non-GHG emissions performance and to establish a basis for future non-GHG reduction targets. Stakeholders can track the company's non-GHG performance over time and refer to this report for future verification of carbon performance, if applicable.

## Management Details:

**Mr. Prakul Luthra** | Director

Verifier: Mr. Rajiv Chaturvedi

Verifier Certificate: ISO 14064-1 & ISO 14064-2

Certificate No.: 117874925 / 165946641:

Issued by: SGS India Pvt. Ltd.

## Accounting & Reporting by:

Green Compliance Services



# NON GHG ENVIRONMENTAL DATA 2025



## YEAR 2025

S.No.	Description	Unit	Jan	Feb	March	April	May	June	July	Aug	Sept	Oct	Nov	Dec	Total
1	Shipment	Pcs	117168	95117	102338	52974	35728	65820	101665	75249	22486	10066	29225	80727	788563
2	Shipment	Kg	26949	21877	23538	12184	10433	19056	37067	29721	8051	2149	10112	24102	225239
3	Manpower	Number	714	741	690	600	543	582	669	679	287	317	428	525	565
4	Working Days	Number	26	24	24	26	26	25	27	25	26	23	25	27	304

# COMPANY OVERVIEW

S No.	Equipment	Capacity	Fuel type	Emission source
1	Generator Set – 320 kVA	320 kVA	Diesel + PNG	Generator stack
2	Boiler – 100 kg	100 Kg	PNG	Boiler stack
3	Boiler – 50 kg	50 Kg	PNG	Boiler stack
4	Washing Machines - Fabcare	50 kg	Electricity	Dryer Stack
5	3 Tumbler - Fabcare	50 kg Each	Electricity	Dryer Stack

# LIST OF UTILITIES 2025

S.No	Description	Unit	Jan	Feb	March	April	May	June	July	Aug	Sept	Oct	Nov	Dec	Total
1	PNG consumed in Boiler (100 kg)	SCM	1072	980	1181	504	482	677	1273	1005	556	710	906	1072	10417
2	PNG consumed in Boiler (50 kg)	SCM	528	482	581	248	238	333	627	495	274	350	446	528	5131
3	PNG consumed in Tumbler 1	SCM	1606	1495	1269	872	765	1072	1001	1105	232	134	548	892	10990
4	PNG consumed in Tumbler 2	SCM	1606	1495	1269	872	765	1072	1001	1105	232	134	548	892	10990
5	PNG consumed in Tumbler 3	SCM	1606	1495	1269	872	765	1072	1001	1105	232	134	548	892	10990
6	PNG consumed in DG Set	SCM	56	32	45	96	93	62	103	54	0	0	0	0	541
7	Total PNG consumed	SCM	6474	5979	5614	3464	3109	4287	5007	4868	1525	1461	2997	4275	49060
8	Diesel consumed in DG set	Ltr	317	113	136	397	428	267	450	156	104	140	212	177	2897
9	Shipping Distance Kms By HGV Vehicle - Diesel	Km	1955	1587	1708	884	757	1383	2689	2156	584	156	734	1749	16341
10	Employee Commute By Scooter Electric	Km	1560	1440	1440	1560	1560	1500	1620	1500	1560	1380	1500	1620	18240
11	Employee Commute By Car Petrol	Km	1560	1440	1440	1560	1560	1500	1620	1500	1560	1380	1500	1620	18240
12	Employee Commute By Motorcycle Petrol	Km	55120	50880	50880	55120	55120	53000	57240	53000	55120	48760	53000	57240	644480

# ENVIORNMENTAL DATA - 2025

# NON-GHG DIRECT SOURCE EMISSIONS 2025



# EMISSION FROM DG 2025

Source	Fuel Type / Category	Activity Value	NO <sub>x</sub> (kg)	SO <sub>x</sub> (kg)	PM <sub>2.5</sub> / PM (kg)	VOCs (kg)	CO (kg)	HAP (kg)	TOC (kg)
DG set 1	Diesel (L)	2897	100.82	5.04	6.33	12.60	20.16	0.03	13.04
DG set 1	PNG (SCM)	541	1.35	0.01	0.05	0.16	0.43	0.00	0.16



# EMISSION FROM BOILER 2025

Source	Fuel Type / Category	Activity Value	NO <sub>x</sub> (kg)	SO <sub>x</sub> (kg)	PM <sub>2.5</sub> / PM (kg)	VOCs (kg)	CO (kg)	HAP (kg)	TOC (kg)
Boiler 1 (100 kg)	PNG (SCM)	10417	26.04	0.21	1.04	3.13	8.33	0.02	3.13
Boiler 2 (50 kg)	PNG (SCM)	5131	12.83	0.10	0.51	1.54	4.10	0.01	1.54



# EMISSION FROM TUMBLER 2025

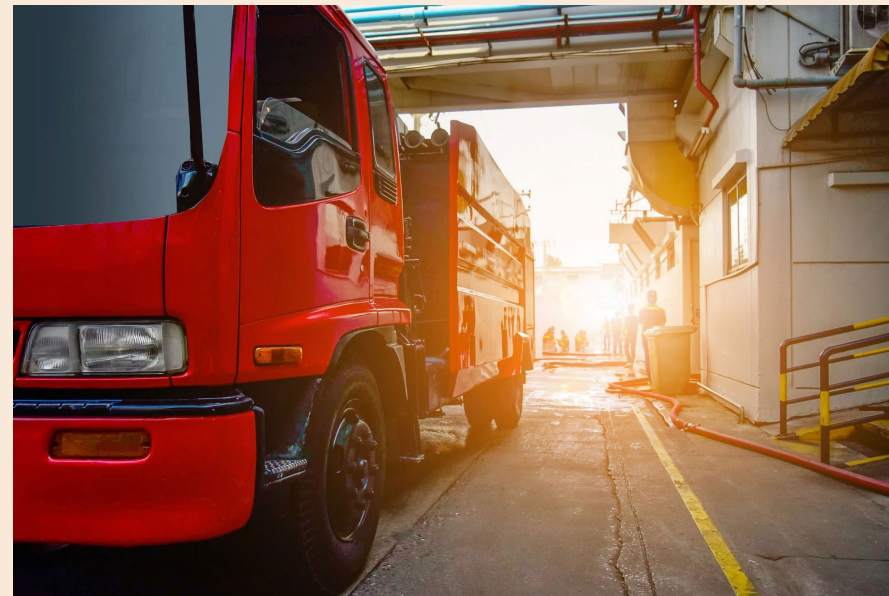
Source	Fuel Type / Category	Activity Value	NO <sub>x</sub> (kg)	SO <sub>x</sub> (kg)	PM <sub>2.5</sub> / PM (kg)	VOCs (kg)	CO (kg)	HAP (kg)	TOC (kg)
Tumbler 1	PNG (SCM)	10990	27.48	0.22	1.10	3.30	8.79	0.02	3.30
Tumbler 2	PNG (SCM)	10990	27.48	0.22	1.10	3.30	8.79	0.02	3.30
Tumbler 2	PNG (SCM)	10990	27.48	0.22	1.10	3.30	8.79	0.02	3.30







# NON-GHG INDIRECT SOURCE EMISSIONS 2025



## NON-GHG EMISSION – DOWNSTREAM TRANSPORTATION 2025

Source	Fuel Type / Category	Activity Value	NO <sub>x</sub> (kg)	SO <sub>x</sub> (kg)	PM <sub>2.5</sub> / PM (kg)	VOCs (kg)	CO (kg)	HAP (kg)	TOC (kg)
Shipping - HGV	Diesel (km)	16341	4.90	0.08	0.13	2.45	16.34	0.03	2.45

## NON-GHG EMISSION – EMPLOYEE COMMUTE 2025

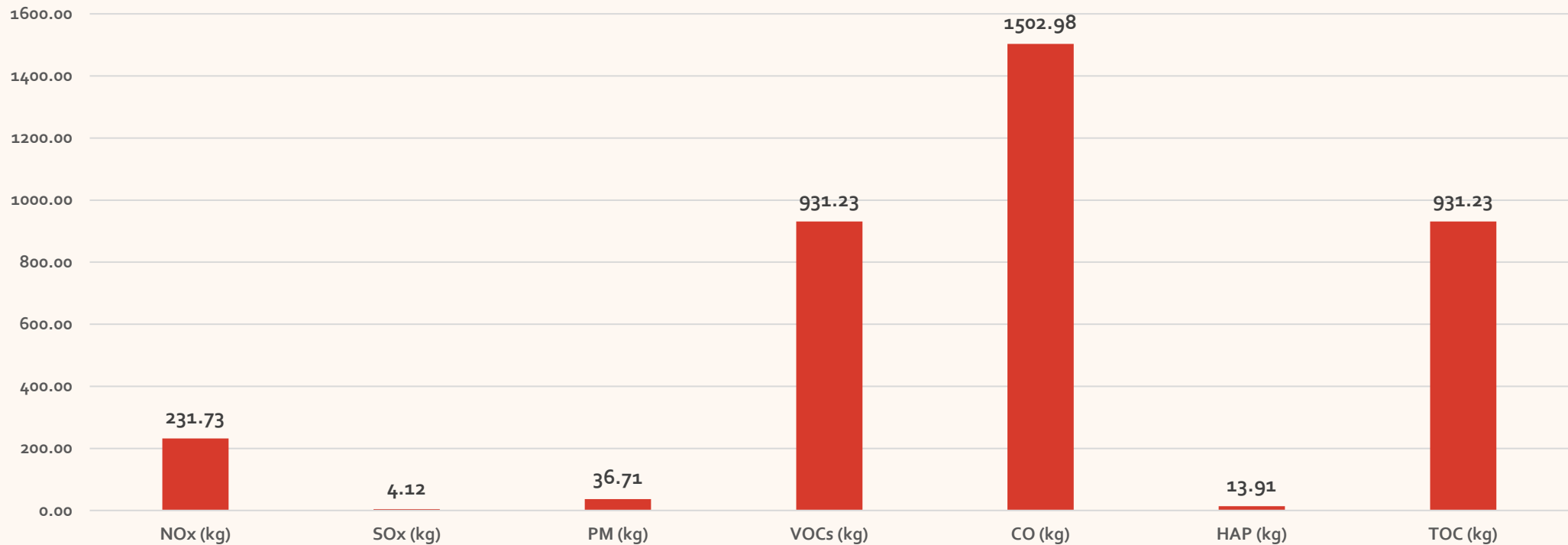
Source	Fuel Type / Category	Activity Value	NO <sub>x</sub> (kg)	SO <sub>x</sub> (kg)	PM <sub>2.5</sub> / PM (kg)	VOCs (kg)	CO (kg)	HAP (kg)	TOC (kg)
Car Employee Commute	Petrol (km)	18240	9.12	0.05	0.55	2.19	38.30	0.91	2.19
Motorcycle Employee Commute	Petrol (km)	644480	122.45	3.22	32.22	915.16	1417.86	12.89	915.16

# SCOPE-WISE EMISSION 2025



# TOTAL SCOPE EMISSION - 2025

Scope	NOx (kg)	SOx (kg)	PM (kg)	VOCs (kg)	CO (kg)	HAP (kg)	TOC (kg)
Direct Source Emission Stationary & Mobile	223.47	6.02	11.24	27.32	59.41	0.13	27.75
Indirect Source Emission	136.47	3.36	32.90	919.80	1472.50	13.83	919.80
<b>Total Emission</b>	<b>359.94</b>	<b>9.38</b>	<b>44.14</b>	<b>947.12</b>	<b>1531.91</b>	<b>13.97</b>	<b>947.56</b>





# **NORMALISED SCOPE-WISE EMISSION 2025**



## TOTAL NORMALIZED BY SHIPMENT PCS - 2025

Absolute	NO <sub>x</sub> (kg)	SO <sub>x</sub> (kg)	PM <sub>2.5</sub> / PM (kg)	VOCs (kg)	CO (kg)	HAP (kg)	TOC (kg)
Year 2025	359.94	9.38	44.14	947.12	1531.91	13.97	947.56
Normalized per shipment pc	NO <sub>x</sub> (kg)	SO <sub>x</sub> (kg)	PM <sub>2.5</sub> / PM (kg)	VOCs (kg)	CO (kg)	HAP (kg)	TOC (kg)
Year 2025	0.0005	0.00001	0.00006	0.0012	0.0019	0.0000	0.0012

## TOTAL NORMALIZED BY SHIPMENT IN KG – 2025

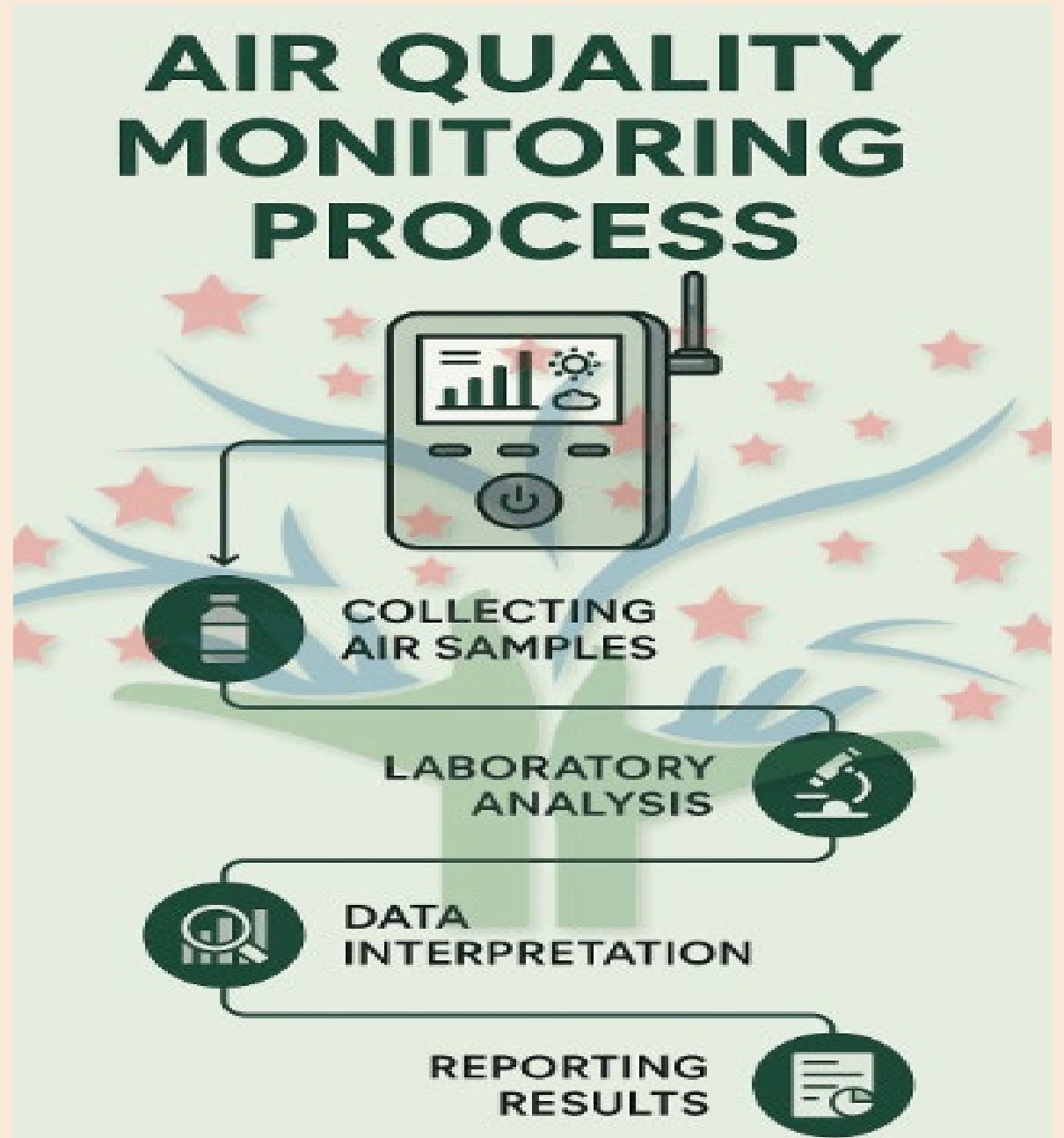
Absolute	NO <sub>x</sub> (kg)	SO <sub>x</sub> (kg)	PM <sub>2.5</sub> / PM (kg)	VOCs (kg)	CO (kg)	HAP (kg)	TOC (kg)
Year 2025	359.94	9.38	44.14	947.12	1531.91	13.97	947.56
Emission per shipment kg	NO <sub>x</sub> (kg)	SO <sub>x</sub> (kg)	PM <sub>2.5</sub> / PM (kg)	VOCs (kg)	CO (kg)	HAP (kg)	TOC (kg)
Year 2025	0.0016	0.00004	0.0002	0.0042	0.0068	0.0001	0.0042

# COMPARATIVE STUDY 2025



<b>Absolute &amp; Normalized Non-GHG Air Emissions Trend</b>					
<b>Emission</b>	<b>NOx (kg)</b>	<b>SOx (kg)</b>	<b>PM (kg)</b>	<b>VOCs (kg)</b>	<b>CO (kg)</b>
2023 (Absolute)	1816.52	66.93	99.42	681.86	1196.02
2023 (Normalized)	0.002	0.0001	0.0001	0.001	0.002
<b>Emission</b>	<b>NOx (kg)</b>	<b>SOx (kg)</b>	<b>PM (kg)</b>	<b>VOCs (kg)</b>	<b>CO (kg)</b>
2024 (Absolute)	2014.43	65.08	98.72	766.15	1272.03
2024 (Normalized)	0.002	0.0001	0.0001	0.001	0.002
<b>Emission</b>	<b>NOx (kg)</b>	<b>SOx (kg)</b>	<b>PM (kg)</b>	<b>VOCs (kg)</b>	<b>CO (kg)</b>
2025 (Absolute)	359.94	9.38	44.14	947.12	1531.91
2025 (Normalized)	0.0005	0.00001	0.00006	0.001	0.002

# FUGITIVE SOURCE EMISSIONS 2025



## Work Zone Air Quality Monitoring Results - Tested on 30/09/2025

### From Terrace Floor Spotting Area

S. No.	Parameters	Unit	Results	Permissible Limits	Test Method
1	Suspended Particulate Matter (SPM)	mg/m <sup>3</sup>	0.33	15	GES/CH/SOP/W-AIR-01
2	Sulphur Dioxide (SOx)	mg/m <sup>3</sup>	0.014	13	GES/CH/SOP/W-AIR-02
3	Nitrogen Dioxide (NOx)	mg/m <sup>3</sup>	0.027	9	GES/CH/SOP/W-AIR-03
7	Carbon Monoxide (CO)	mg/m <sup>3</sup>	0.86	55	GES/CH/SOP/W-AIR-14

### From Inside Basement Area

S. No.	Parameters	Unit	Results	Permissible Limits	Test Method
1	Suspended Particulate Matter (SPM)	mg/m <sup>3</sup>	0.22	15	GES/CH/SOP/W-AIR-01
2	Sulphur Dioxide (SOx)	mg/m <sup>3</sup>	0.018	13	GES/CH/SOP/W-AIR-02
3	Nitrogen Dioxide (NOx)	mg/m <sup>3</sup>	0.025	9	GES/CH/SOP/W-AIR-03
4	Carbon Monoxide (CO)	mg/m <sup>3</sup>	0.65	55	GES/CH/SOP/W-AIR-14

### From Inside Ground Floor Cutting Area

S. No.	Parameters	Unit	Results	Permissible Limits	Test Method
1	Suspended Particulate Matter (SPM)	mg/m <sup>3</sup>	0.18	15	GES/CH/SOP/W-AIR-01
2	Sulphur Dioxide (SOx)	mg/m <sup>3</sup>	0.012	13	GES/CH/SOP/W-AIR-02
3	Nitrogen Dioxide (NOx)	mg/m <sup>3</sup>	0.026	9	GES/CH/SOP/W-AIR-03
4	Carbon Monoxide (CO)	mg/m <sup>3</sup>	0.67	55	GES/CH/SOP/W-AIR-14

**Work Zone Air Quality Monitoring Results - Tested on 30/09/2025****From Inside First Floor - Finishing and Spotting area**

<b>S. No.</b>	<b>Parameters</b>	<b>Unit</b>	<b>Results</b>	<b>Permissible Limits</b>	<b>Test Method</b>
1	Suspended Particulate Matter (SPM)	mg/m <sup>3</sup>	0.28	15	GES/CH/SOP/W-AIR-01
2	Sulphur Dioxide (SOx)	mg/m <sup>3</sup>	0.013	13	GES/CH/SOP/W-AIR-02
3	Nitrogen Dioxide (NOx)	mg/m <sup>3</sup>	0.032	9	GES/CH/SOP/W-AIR-03
4	Carbon Monoxide (CO)	mg/m <sup>3</sup>	0.79	55	GES/CH/SOP/W-AIR-14


**From Inside First Floor - Finishing and Packing Area**

<b>S. No.</b>	<b>Parameters</b>	<b>Unit</b>	<b>Results</b>	<b>Permissible Limits</b>	<b>Test Method</b>
1	Suspended Particulate Matter (SPM)	mg/m <sup>3</sup>	0.31	15	GES/CH/SOP/W-AIR-01
2	Sulphur Dioxide (SOx)	mg/m <sup>3</sup>	0.015	13	GES/CH/SOP/W-AIR-02
3	Nitrogen Dioxide (NOx)	mg/m <sup>3</sup>	0.02	9	GES/CH/SOP/W-AIR-03
4	Carbon Monoxide (CO)	mg/m <sup>3</sup>	0.77	55	GES/CH/SOP/W-AIR-14


**From Inside First Floor - Washing Area**

<b>S. No.</b>	<b>Parameters</b>	<b>Unit</b>	<b>Results</b>	<b>Permissible Limits</b>	<b>Test Method</b>
1	Suspended Particulate Matter (SPM)	mg/m <sup>3</sup>	0.26	15	GES/CH/SOP/W-AIR-01
2	Sulphur Dioxide (SOx)	mg/m <sup>3</sup>	0.01	13	GES/CH/SOP/W-AIR-02
3	Nitrogen Dioxide (NOx)	mg/m <sup>3</sup>	0.034	9	GES/CH/SOP/W-AIR-03
4	Carbon Monoxide (CO)	mg/m <sup>3</sup>	0.82	55	GES/CH/SOP/W-AIR-14

# Work Zone Air Quality Testing Report From Terrace Floor Spotting Area



**GREEN ENVIRO TECH SERVICES PVT. LTD.**  
(A GOVERNMENT APPROVED LAB) An Analytical Laboratory  
(AN ISO 9001 : 2015, ISO 14001 : 2015, ISO 45001 : 2018 Certified)  
**Plot No.-69, Kherli Hafizpur, Gr. Noida, G.B. Nagar-203202**  
E-mail : getslab2024@gmail.com | Website : www.getslab.in  
Ph.: 9971888596, 9927955952, 8800716254, 9719569969, 8218823578



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**TEST REPORT**  
**Work Zone Air Quality Analysis**

Test Report Number	GES/R1025/01084	Issued Date:	07.10.2025
Customer Name & Address	Issued to: M/s Messianic Clothing Pvt. Ltd. A-13, Hosiery Complex, Phase-II, Extension, Noida, Uttar Pradesh		
<b>Details of Sample</b>			
Job Order Number	GES/2025/10A01084	Sample Receiving Date	01.10.2025
Sample Description	Work Zone Air	Analysis Start Date	01.10.2025
Sampling Done by	GES Laboratory Representative	Analysis End Date	06.10.2025


**Sampling Details**

Date & Time of Sampling : 30.09.2025 (10:15AM to 06:15PM)  
 Sampling Location : Inside Terrace Floor Spotting Area  
 Sampling Protocol : GES/CH/SOP/W-AIR  
 Sampling Duration : 8 Hrs  
 Weather Condition : Clear  
 Average Flow Rate (LPM) : 2.0  
 Sample Packing & Marking : Plastic Bottle & Filter Paper in Zip Polybag

**Test Results**


S. No.	Parameters	Unit	Results	Permissible Limits	Test Method
1.	Suspended Particulate Matter	mg/m <sup>3</sup>	0.33	15	GES/CH/SOP/W-AIR-01
2.	Sulphur Dioxide (SO <sub>2</sub> )	mg/m <sup>3</sup>	0.014	13	GES/CH/SOP/W-AIR-02
3.	Nitrogen Dioxide (NO <sub>2</sub> )	mg/m <sup>3</sup>	0.027	9	GES/CH/SOP/W-AIR-03
4.	Relative Humidity	%	53	-	GES/CH/SOP/W-AIR-04
5.	Temperature	(°C)	25.4	-	GES/CH/SOP/W-AIR-05

Note: std limits as per OSHA Standard




Green Enviro Tech Services Pvt. Ltd.  
**Dharmendra Kumar**  
 Authorized  
 Quality Manager  
Page 01 of 01  
 \*\*\*End of Report\*\*\*


Terms & Conditions:  
 1. Sample Will be retained for 15 days from the date of issue of test report.  
 2. The results given above are related only to the sample tested or sampled and tested thereafter  
 3. This report cannot be used as evidence in court of law without the written approval of the lab.  
 4. Report shall not be reproduced, except in full, without prior written approval of the laboratory.



# Work Zone Air Quality Testing Report From Inside Basement Area



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Ph.: 9971888596, 9927955952, 8800716254, 9719569969, 8218823578



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**TEST REPORT**  
**Work Zone Air Quality Analysis**

Test Report Number	GES/R1025/01077	Issued Date:	07.10.2025
Customer Name & Address	Issued to: M/s Messianic Clothing Pvt. Ltd. A-13, Hosiery Complex, Phase-II, Extension, Noida, Uttar Pradesh		
<b>Details of Sample</b>			
Job Order Number	GES/2025/10A01077	Sample Receiving Date	01.10.2025
Sample Description	Work Zone Air	Analysis Start Date	01.10.2025
Sampling Done by	GES Laboratory Representative	Analysis End Date	06.10.2025


**Sampling Details**

Date & Time of Sampling : 30.09.2025 (10:10AM to 06:10PM)  
 Sampling Location : Inside Basement Area  
 Sampling Protocol : GES/CH/SOP/W-AIR  
 Sampling Duration : 8 Hrs  
 Weather Condition : Clear  
 Average Flow Rate (LPM) : 2.0  
 Sample Packing & Marking : Plastic Bottle & Filter Paper in Zip Polybag

**Test Results**


S. No.	Parameters	Unit	Results	Permissible Limits	Test Method
1.	Suspended Particulate Matter	mg/m <sup>3</sup>	0.22	15	GES/CH/SOP/W-AIR-01
2.	Sulphur Dioxide (SO <sub>2</sub> )	mg/m <sup>3</sup>	0.018	13	GES/CH/SOP/W-AIR-02
3.	Nitrogen Dioxide (NO <sub>2</sub> )	mg/m <sup>3</sup>	0.025	9	GES/CH/SOP/W-AIR-03
4.	Relative Humidity	%	62	-	GES/CH/SOP/W-AIR-04
5.	Temperature	(°C)	26.1	-	GES/CH/SOP/W-AIR-05

Note: std limits as per OSHA Standard



Green Enviro Tech Services Pvt. Ltd.  
**Dharmendra Kumar**  
 Authorized  
 Quality Manager  
Page 01 of 01  
 \*\*\*End of Report\*\*\*

Terms & Conditions:  
 1. Sample Will be retained for 15 days from the date of issue of test report.  
 2. The results given above are related only to the sample tested or sampled and tested thereafter  
 3. This report cannot be used as evidence in court of law without the written approval of the lab.  
 4. Report shall not be reproduced, except in full, without prior written approval of the laboratory.



# Work Zone Air Quality Testing Report From Inside Ground floor Cutting Area

**GREEN ENVIRO TECH SERVICES PVT. LTD.**  
 (A GOVERNMENT APPROVED LAB) *An Analytical Laboratory*  
 (AN ISO 9001 : 2015, ISO 14001 : 2015, ISO 45001 : 2018 Certified)  
 Plot No.-69, Kherli Hafizpur, Gr. Noida, G.B. Nagar-203202  
 E-mail : getslab2024@gmail.com | Website : www.getslab.in  
 Ph.: 9971888596, 9927955952, 8800716254, 9719569969, 8218823578




**TEST REPORT**  
 Work Zone Air Quality Analysis

Test Report Number	GES/R1025/01079		Issued Date: 07.10.2025
Customer Name & Address	Issued to: M/s Messianic Clothing Pvt. Ltd. A-13, Hosiery Complex, Phase-II, Extension, Noida, Uttar Pradesh		
<b>Details of Sample</b>			
Job Order Number	GES/2025/10A01079	Sample Receiving Date	01.10.2025
Sample Description	Work Zone Air	Analysis Start Date	01.10.2025
Sampling Done by	GES Laboratory Representative	Analysis End Date	06.10.2025

**Sampling Details**

Date & Time of Sampling : 30.10.2025 (10:20AM to 06:20PM)  
 Sampling Location : Inside Ground Floor Cutting Area  
 Sampling Protocol : GES/CH/SOP/W-AIR  
 Sampling Duration : 8 Hrs  
 Weather Condition : Clear  
 Average Flow Rate (LPM) : 2.0  
 Sample Packing & Marking : Plastic Bottle & Filter Paper in Zip Polybag

**Test Results**

S. No.	Parameters	Unit	Results	Permissible Limits	Test Method
1.	Suspended Particulate Matter	mg/m <sup>3</sup>	0.18	15	GES/CH/SOP/W-AIR-01
2.	Sulphur Dioxide (SO <sub>2</sub> )	mg/m <sup>3</sup>	0.012	13	GES/CH/SOP/W-AIR-02
3.	Nitrogen Dioxide (NO <sub>2</sub> )	mg/m <sup>3</sup>	0.026	9	GES/CH/SOP/W-AIR-03
4.	Relative Humidity	%	62	-	GES/CH/SOP/W-AIR-04
5.	Temperature	(°C)	26.5	-	GES/CH/SOP/W-AIR-05

Note: std limits as per OSHA Standard



Checked by: [Signature]  
 Form No. -01, Issue No. -01, Issue Date- 20.08.2024

Green Enviro Tech Services Pvt. Ltd.

[Signature]  
 Quality Manager

Page 01 of 01  
 \*\*\*End of Report\*\*\*



**Terms & Conditions :**  
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 4. Report shall not be reproduced, except in full, without prior written approval of the laboratory.

# Work Zone Air Quality Testing Report From First floor- Finishing and Spotting Area

**GREEN ENVIRO TECH SERVICES PVT. LTD.**  
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 (AN ISO 9001 : 2015, ISO 14001 : 2015, ISO 45001 : 2018 Certified)  
 Plot No.-69, Kherli Hafizpur, Gr. Noida, G.B. Nagar-203202  
 E-mail : getslab2024@gmail.com | Website : www.getslab.in  
 Ph.: 9971888596, 9927955952, 8800716254, 9719569969, 8218823578




**TEST REPORT**  
 Work Zone Air Quality Analysis

Test Report Number	GES/R1025/01081		Issued Date: 07.10.2025
Customer Name & Address	Issued to: M/s Messianic Clothing Pvt. Ltd. A-13, Hosiery Complex, Phase-II, Extension, Noida, Uttar Pradesh		
<b>Details of Sample</b>			
Job Order Number	GES/2025/10A01081	Sample Receiving Date	01.10.2025
Sample Description	Work Zone Air	Analysis Start Date	01.10.2025
Sampling Done by	GES Laboratory Representative	Analysis End Date	06.10.2025

**Sampling Details**

Date & Time of Sampling : 30.09.2025 (10:22AM to 06:22PM)  
 Sampling Location : Inside First Floor Finishing & Spotting Area  
 Sampling Protocol : GES/CH/SOP/W-AIR  
 Sampling Duration : 8 Hrs  
 Weather Condition : Clear  
 Average Flow Rate (LPM) : 2.0  
 Sample Packing & Marking : Plastic Bottle & Filter Paper in Zip Polybag

**Test Results**

S. No.	Parameters	Unit	Results	Permissible Limits	Test Method
1.	Suspended Particulate Matter	mg/m <sup>3</sup>	0.28	15	GES/CH/SOP/W-AIR-01
2.	Sulphur Dioxide (SO <sub>2</sub> )	mg/m <sup>3</sup>	0.013	13	GES/CH/SOP/W-AIR-02
3.	Nitrogen Dioxide (NO <sub>2</sub> )	mg/m <sup>3</sup>	0.032	9	GES/CH/SOP/W-AIR-03
4.	Relative Humidity	%	54	-	GES/CH/SOP/W-AIR-04
5.	Temperature	(°C)	25.8	-	GES/CH/SOP/W-AIR-05

Note: std limits as per OSHA Standard



Checked by: [Signature]  
 Form No. -01, Issue No. -01, Issue Date- 20.08.2024

Green Enviro Tech Services Pvt. Ltd.

[Signature]  
 Quality Manager

Page 01 of 01  
 \*\*\*End of Report\*\*\*



**Terms & Conditions :**  
 1. Sample Will be retained for 15 days from the date of issue of test report.  
 2. The results given above are related only to the sample tested or sampled and tested thereafter  
 3. This report cannot be used as evidence in court of law without the written approval of the lab.  
 4. Report shall not be reproduced, except in full, without prior written approval of the laboratory.

# Work Zone Air Quality Testing Report From Washing Area



**GREEN ENVIRO TECH SERVICES PVT. LTD.**  
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(AN ISO 9001 : 2015, ISO 14001 : 2015, ISO 45001 : 2018 Certified)  
Plot No.-69, Kherli Hafizpur, Gr. Noida, G.B. Nagar-203202  
E-mail : getslab2024@gmail.com | Website : www.getslab.in  
Ph.: 9971888596, 9927955952, 8800716254, 9719569969, 8218823578



TC-15751

## TEST REPORT Work Zone Air Quality Analysis

Test Report Number	GES/R1025/01082			Issued Date: 07.10.2025
Customer Name & Address	Issued to: M/s Messianic Clothing Pvt. Ltd. A-13, Hosiery Complex, Phase-II, Extension, Noida, Uttar Pradesh			
<b>Details of Sample</b>				
Job Order Number	GES/2025/10A01082	Sample Receiving Date	01.10.2025	
Sample Description	Work Zone Air	Analysis Start Date	01.10.2025	
Sampling Done by	GES Laboratory Representative	Analysis End Date	06.10.2025	

### Sampling Details

Date & Time of Sampling : 30.09.2025 (10:30AM to 06:30PM)  
Sampling Location : Inside Terrace Floor Washing Area  
Sampling Protocol : GES/CH/SOP/W-AIR  
Sampling Duration : 8 Hrs  
Weather Condition : Clear  
Average Flow Rate (LPM) : 2.0  
Sample Packing & Marking : Plastic Bottle & Filter Paper in Zip Polybag

### Test Results

S. No.	Parameters	Unit	Results	Permissible Limits	Test Method
1.	Suspended Particulate Matter	mg/m <sup>3</sup>	0.26	15	GES/CH/SOP/W-AIR-01
2.	Sulphur Dioxide (SO <sub>2</sub> )	mg/m <sup>3</sup>	0.010	13	GES/CH/SOP/W-AIR-02
3.	Nitrogen Dioxide (NO <sub>2</sub> )	mg/m <sup>3</sup>	0.034	9	GES/CH/SOP/W-AIR-03
4.	Relative Humidity	%	67	-	GES/CH/SOP/W-AIR-04
5.	Temperature	(°C)	26.5	-	GES/CH/SOP/W-AIR-05

Note: std limits as per OSHA Standard



Checked by  
Sample No. GES/7-8F-08, Issue No.-01, Issue Date- 20.08.2024

Green Enviro Tech Services Pvt. Ltd.

Dr. Anand Kumar  
Quality Manager

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\*\*\*End of Report\*\*\*

# Work Zone Air Quality Testing Report From First Floor Finishing and Packing Area



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Ph.: 9971888596, 9927955952, 8800716254, 9719569969, 8218823578



TC-15751

## TEST REPORT Work Zone Air Quality Analysis

Test Report Number	GES/R1025/01080			Issued Date: 07.10.2025
Customer Name & Address	Issued to: M/s Messianic Clothing Pvt. Ltd. A-13, Hosiery Complex, Phase-II, Extension, Noida, Uttar Pradesh			
<b>Details of Sample</b>				
Job Order Number	GES/2025/10A01080	Sample Receiving Date	01.10.2025	
Sample Description	Work Zone Air	Analysis Start Date	01.10.2025	
Sampling Done by	GES Laboratory Representative	Analysis End Date	06.10.2025	

### Sampling Details

Date & Time of Sampling : 30.09.2025 (10:30AM to 06:30PM)  
Sampling Location : Inside First Floor Finishing & Packing Area  
Sampling Protocol : GES/CH/SOP/W-AIR  
Sampling Duration : 8 Hrs  
Weather Condition : Clear  
Average Flow Rate (LPM) : 2.0  
Sample Packing & Marking : Plastic Bottle & Filter Paper in Zip Polybag

### Test Results

S. No.	Parameters	Unit	Results	Permissible Limits	Test Method
1.	Suspended Particulate Matter	mg/m <sup>3</sup>	0.31	15	GES/CH/SOP/W-AIR-01
2.	Sulphur Dioxide (SO <sub>2</sub> )	mg/m <sup>3</sup>	0.015	13	GES/CH/SOP/W-AIR-02
3.	Nitrogen Dioxide (NO <sub>2</sub> )	mg/m <sup>3</sup>	0.020	9	GES/CH/SOP/W-AIR-03
4.	Relative Humidity	%	50	-	GES/CH/SOP/W-AIR-04
5.	Temperature	(°C)	24.1	-	GES/CH/SOP/W-AIR-05

Note: std limits as per OSHA Standard



Checked by  
Sample No. GES/7-8F-08, Issue No.-01, Issue Date- 20.08.2024

Green Enviro Tech Services Pvt. Ltd.

Dr. Anand Kumar  
Quality Manager

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\*\*\*End of Report\*\*\*



**POINT SOURCE  
EMISSIONS  
2025**

# BOILER STACK EMISSION 2025

Boiler Stack Emission Report - Tested on - 08/11/2025 - 100 kg/hr					
S. No.	Parameters	Unit	Results	Limits as per the E(P)A Rules	Test Method
1	Particulate Matter (PM)	mg/Nm <sup>3</sup>	32.4	150	IS: 11255 (Part-01)
2	Oxide of Nitrogen (NO <sub>2</sub> )	mg/Nm <sup>3</sup>	<5	Not Specified	IS: 11255 (Part-07)
3	Sulphur Dioxide (SO <sub>2</sub> )	mg/Nm <sup>3</sup>	<5	Not Specified	IS: 11255 (Part-02)
4	Carbon Monoxide (CO)	% v/v	<0.2	1	IS: 13270
5	Persistent Organic Pollutants (POP) at 11% O <sub>2</sub>	NgTeq/Nm <sup>3</sup>	<0.1	--	GES/SOP/Stack-15
6	Volatile Organic Compound (VOC)	ppb	<1.0	--	GES/CH/SOP/Stack

Boiler Stack Emission Report - Tested on - 08/11/2025 - 50 kg/hr					
S. No.	Parameters	Unit	Results	Limits as per the E(P)A Rules	Test Method
1	Particulate Matter (PM)	mg/Nm <sup>3</sup>	27.2	150	IS: 11255 (Part-01)
2	Oxide of Nitrogen (NO <sub>2</sub> )	mg/Nm <sup>3</sup>	<5	Not Specified	IS: 11255 (Part-07)
3	Sulphur Dioxide (SO <sub>2</sub> )	mg/Nm <sup>3</sup>	<5	Not Specified	IS: 11255 (Part-02)
4	Carbon Monoxide (CO)	% v/v	<0.2	1	IS: 13270
5	Persistent Organic Pollutants (POP) at 11% O <sub>2</sub>	NgTeq/Nm <sup>3</sup>	<0.1	--	GES/SOP/Stack-15
6	Volatile Organic Compound (VOC)	ppb	<1.0	--	GES/CH/SOP/Stack

# BOILER STACK EMISSION REPORT 2025 – 100 KG/HR

# BOILER STACK EMISSION REPORT 2025 – 50 KG/HR



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 Ph.: 9971888596, 9927955952, 8800716254, 9719569969, 8218823578



TC-15751



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 Ph.: 9971888596, 9927955952, 8800716254, 9719569969, 8218823578



TC-15751

## TEST REPORT Stack

Test Report Number	GES/R1125/08029	Issued Date:	13.11.2025
Customer Name & Address	Issued to: M/s Messianic Clothing Pvt. Ltd. A-13, Hosiery Complex, Phase-II, Extension, Noida, Uttar Pradesh		
<b>Details of Sample</b>			
Job Order Number	GES/2025/11A08029	Sample Receiving Date	08.11.2025
Sample Description	Boiler Stack	Analysis Start Date	08.11.2025
Sampling Protocol	IS: 11255 & CPCB Guidelines	Analysis End Date	12.11.2025

### Stack Emission Analysis

<b>Sample Particulars:</b>	
Sample Name	: Stack Emission
Stack attached to	: Boiler NO-01
Capacity of Boiler	: 100 kg
Date of Sampling	: 07.11.2025
Normal Operating Schedule	: as per requirement
Type of Fuel	: PNG
Type of Stack	: MS/ Circular
Stack Height from Ground Level	: 12 mtr
Stack Diameter	: 100 mm
Sampling Duration (Minutes)	: 41
Ambient Temperature (°C)	: 30
Stack Temperature (°C)	: 58
Stack Gas Velocity (m/s), Avg	: 14.2
Quantity of Flue Gas Emission (m <sup>3</sup> /Hr)	: 355
APCS Attached	: NIL
Sample Packing & Marking	: Plastic Bottle, Thimble Packed in Zip Polybag

### ANALYSIS RESULT

S. No.	Parameters	Unit	Results	Limits as per the E(P)A Rules	Test Method
1.	Particulate Matter (PM)	mg/Nm <sup>3</sup>	32.4	150	IS: 11255 (Part-01)
2.	Oxide of Nitrogen (NO <sub>2</sub> )	mg/Nm <sup>3</sup>	<5	Not Specified	IS: 11255 (Part-07)
3.	Sulphur Dioxide (SO <sub>2</sub> )	mg/Nm <sup>3</sup>	<5	Not Specified	IS: 11255 (Part-02)
4.	Carbon Monoxide (CO)	% v/v	<0.2	1.0	IS: 13270



Green Enviro Tech Services Pvt. Ltd.

Authorised by  
Dharmendra Kumar  
Quality Manager

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\*\*\*End of Report\*\*\*

## TEST REPORT Stack

Test Report Number	GES/R1125/08028	Issued Date:	13.11.2025
Customer Name & Address	Issued to: M/s Messianic Clothing Pvt. Ltd. A-13, Hosiery Complex, Phase-II, Extension, Noida, Uttar Pradesh		
<b>Details of Sample</b>			
Job Order Number	GES/2025/11A08028	Sample Receiving Date	08.11.2025
Sample Description	Boiler Stack	Analysis Start Date	08.11.2025
Sampling Protocol	IS: 11255 & CPCB Guidelines	Analysis End Date	12.11.2025

### Stack Emission Analysis

<b>Sample Particulars:</b>	
Sample Name	: Stack Emission
Stack attached to	: Boiler NO-02
Capacity of Boiler	: 50 kg
Date of Sampling	: 07.11.2025
Normal Operating Schedule	: as per requirement
Type of Fuel	: PNG
Type of Stack	: MS/ Circular
Stack Height from Ground Level	: 12 mtr
Stack Diameter	: 100 mm
Sampling Duration (Minutes)	: 43
Ambient Temperature (°C)	: 28
Stack Temperature (°C)	: 64
Stack Gas Velocity (m/s), Avg	: 13.8
Quantity of Flue Gas Emission (m <sup>3</sup> /Hr)	: 339
APCS Attached	: NIL
Sample Packing & Marking	: Plastic Bottle, Thimble Packed in Zip Polybag

### ANALYSIS RESULT

S. No.	Parameters	Unit	Results	Limits as per the E(P)A Rules	Test Method
1.	Particulate Matter (PM)	mg/Nm <sup>3</sup>	27.8	150	IS: 11255 (Part-01)
2.	Oxide of Nitrogen (NO <sub>2</sub> )	mg/Nm <sup>3</sup>	<5	Not Specified	IS: 11255 (Part-07)
3.	Sulphur Dioxide (SO <sub>2</sub> )	mg/Nm <sup>3</sup>	<5	Not Specified	IS: 11255 (Part-02)
4.	Carbon Monoxide (CO)	% v/v	<0.2	1.0	IS: 13270



Green Enviro Tech Services Pvt. Ltd.

Authorised by  
Dharmendra Kumar  
Quality Manager




Page 01 of 01  
\*\*\*End of Report\*\*\*

# DG STACK EMISSION 2025

DG Stack Emission Report - Tested on - 02/10/2025 - 500 KVA - Stack No. 2				
S. No.	Parameters	Results (mg/Nm <sup>3</sup> )	Results (gm/KW-Hrs.)	Limit Max. as per E(P) Act, 1986 (gm/KW-hrs.)
1	Particulate Matter (as PM)	15.7	0.02	0.2
2	Nitrogen Dioxide (NOx as NO <sub>2</sub> )	12.3	0.018	4.2 (NOx + HC)
3	Sulphur Dioxide (SOx as SO <sub>2</sub> )	3.2	0.004	—

DG Stack Emission Report - Tested on - 02/10/2025 - 500 KVA - Stack No. 1				
S. No.	Parameters	Results (mg/Nm <sup>3</sup> )	Results (gm/KW-Hrs.)	Limit Max. as per E(P) Act, 1986 (gm/KW-hrs.)
1	Particulate Matter (as PM)	14.9	0.02	0.2
2	Nitrogen Dioxide (NOx as NO <sub>2</sub> )	11.5	0.018	4.2 (NOx + HC)
3	Sulphur Dioxide (SOx as SO <sub>2</sub> )	3	0.004	—

# DG STACK EMISSION REPORT 2025 - 500 KVA - STACK NO. 1

DTCPL/F/GEN01/017

## DEEPA TESTING & CONSULTANT PVT. LTD.

**TEST REPORT** Laboratory: Plot No. 149A, Leelawati Enclave, Tigaon Road (Badrola), Mujheri, Ballabgarh, Faridabad (Hr.)-121004  
Tel. Fax: 0129-2300753, (M): 8800137739, 9958235476, 9971178062  
E-mail: detl.rsv@gmail.com, info@detl.in, Website: www.detl.in

R No. DTCPL25000333B

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DTCPL/25-26/056

Issue Date: 08-10-2025  
Issue To: **M/s FASHIONAGE CORPORATION PVT. LTD.**  
14/1, Mathura road, Sector-27B  
Faridabad (Hr.)-121003, India

Sample ID: DTCP/25-26/056  
Date of sample receipt: 03-10-2025  
Sample drawn by: DTCPL  
Job Order No.: 0348c  
Reference No.: Fcpl/16

Sample Description: Stack emission sample collected by DTCPL

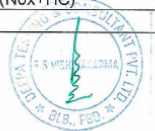
TEST RESULTS		PERIOD OF ANALYSIS	
Sample Drawn By: DTCPL Staff		03-10-2025 to 08-10-2025	
Type of Fuel Used: HSD		IS: 11255(P-1&3)-1985	
		TESTING PROTOCOL	
1	DATE OF SAMPLING	: 02-10-2025	
2	NAME OF PLANT / SECTION	: DG House	
3	NAME OF THE EMISSION SOURCE MONITORED	: DG Set-500 KVA	
4	STACK IDENTIFICATION / STACK DETAILS	: No.-1	
5	LOCATION OF SAMPLING POINT	: As per standard	
6	TYPE OF CHIMNEY (ACC/METAL)	: Metal, Stack Attached to DG Set-500 KVA	
7	STACK HEIGHT (Mtr.)	:	
	(A) FROM SOURCE OF EMISSION	: 10.9	
	(B) FROM ROOF LEVEL	: 6.5	
	(C) FROM GROUND LEVEL	: 10.9	
8	DIAMETER OF STACK (Cms)	: 15.2	
9	SAMPLING DURATION (hrs.)	: 40.0Min.	
10	PARAMETERS TO BE TESTED	: PM, Nox & Sox	
11	PURPOSE OF MONITORING	: To Assess Poll. Load	
12	PRODUCT MANUFACTURED	: Export Division	
13	CONTROL MEASURES (ADCM) IF ANY	: Nil	
14	RECOVERY OF MATERIAL, IF ANY	: Nil	
15	FUGITIVE EMISSION, IF ANY	: Nil	
16	GENERAL OBSERVATION	: Normal	
17	STACK TEMPERATURE (°C)	: 282	
18	AMBIENT TEMPERATURE (°C)	: 35.0	
19	AVERAGE STACK VELOCITY (m/s)	: 17.0	
20	QUANTITY OF EMISSION (NM <sup>3</sup> /hrs.)	: 545	

S. no.	Parameters	Results		Limit Max. as per E(P)Act, 1986, gm/Kw-hrs.
		mg/Nm <sup>3</sup>	gm/Kw-Hrs.	
1	PARTICULATE MATTER (as PM)	14.9	0.020	0.2
2	NITROGEN DIOXIDE (Nox as NO <sub>2</sub> )	11.5	0.015	4.2 (Nox+HC)
3	SULPHUR DIOXIDE (Sox as SO <sub>2</sub> )	3.0	0.004	-

Note: This report is valid up to six months

end of report: -




**Neeraj Kumar**  
(Sr. Chemist)  
Analyst



**DEEPA TESTING & CONSULTANT PVT. LTD.**  
B.L.B., F.C.D., M.P.

**AUTHORISED SIGNATORY**

# DG STACK EMISSION REPORT 2025 - 500 KVA - STACK NO. 2

DTCPL/F/GEN01/017

## DEEPA TESTING & CONSULTANT PVT. LTD.

**TEST REPORT** Laboratory: Plot No. 149A, Leelawati Enclave, Tigaon Road (Badrola), Mujheri, Ballabgarh, Faridabad (Hr.)-121004  
Tel. Fax: 0129-2300753, (M): 8800137739, 9958235476, 9971178062  
E-mail: detl.rsv@gmail.com, info@detl.in, Website: www.detl.in

R No. DTCPL25000334B

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DTCPL/25-26/056

Issue Date: 08-10-2025  
Issue To: **M/s FASHIONAGE CORPORATION PVT. LTD.**  
14/1, Mathura road, Sector-27B  
Faridabad (Hr.)-121003, India

Sample ID: DTCP/25-26/056  
Date of sample receipt: 03-10-2025  
Sample drawn by: DTCPL  
Job Order No.: 0349c  
Reference No.: Fcpl/17

Sample Description: Stack emission sample collected by DTCPL


TEST RESULTS		PERIOD OF ANALYSIS	
Sample Drawn By: DTCPL Staff		03-10-2025 to 08-10-2025	
Type of Fuel Used: HSD		IS: 11255(P-1&3)-1985	
		TESTING PROTOCOL	
1	DATE OF SAMPLING	: 02-10-2025	
2	NAME OF PLANT / SECTION	: DG House	
3	NAME OF THE EMISSION SOURCE MONITORED	: DG Set-500 KVA	
4	STACK IDENTIFICATION / STACK DETAILS	: No.-2	
5	LOCATION OF SAMPLING POINT	: As per standard	
6	TYPE OF CHIMNEY (ACC/METAL)	: Metal, Stack Attached to DG Set-500 KVA	
7	STACK HEIGHT (Mtr.)	:	
	(A) FROM SOURCE OF EMISSION	: 10.9	
	(B) FROM ROOF LEVEL	: 6.5	
	(C) FROM GROUND LEVEL	: 10.9	
8	DIAMETER OF STACK (Cms)	: 15.2	
9	SAMPLING DURATION (hrs.)	: 40.0Min.	
10	PARAMETERS TO BE TESTED	: PM, Nox & Sox	
11	PURPOSE OF MONITORING	: To Assess Poll. Load	
12	PRODUCT MANUFACTURED	: Export Division	
13	CONTROL MEASURES (ADCM) IF ANY	: Nil	
14	RECOVERY OF MATERIAL, IF ANY	: Nil	
15	FUGITIVE EMISSION, IF ANY	: Nil	
16	GENERAL OBSERVATION	: Normal	
17	STACK TEMPERATURE (°C)	: 290	
18	AMBIENT TEMPERATURE (°C)	: 35.0	
19	AVERAGE STACK VELOCITY (m/s)	: 17.4	
20	QUANTITY OF EMISSION (NM <sup>3</sup> /hrs.)	: 583	

S. no.	Parameters	Results		Limit Max. as per E(P)Act, 1986, gm/Kw-hrs.
		mg/Nm <sup>3</sup>	gm/Kw-Hrs.	
1	PARTICULATE MATTER (as PM)	15.7	0.022	0.2
2	NITROGEN DIOXIDE (Nox as NO <sub>2</sub> )	12.3	0.018	4.2 (Nox+HC)
3	SULPHUR DIOXIDE (Sox as SO <sub>2</sub> )	3.2	0.004	-

Note: This report is valid up to six months

end of report: -

**Neeraj Kumar**  
(Sr. Chemist)  
Analyst



**DEEPA TESTING & CONSULTANT PVT. LTD.**  
B.L.B., F.C.D., M.P.

**AUTHORISED SIGNATORY**

REMARKS: 1. Sample will be retained only for One Week

# TUMBLER STACK EMISSION 2025

Tumbler Stack Emission Report - Tested on - 08/11/2025 - 50 kg/hr - Tumbler No 1

S. No.	Parameters	Unit	Results	Limits as per the E(P)A Rules	Test Method
1	Particulate Matter (PM)	mg/Nm <sup>3</sup>	34.8	150	IS: 11255 (Part-01)
2	Oxide of Nitrogen (NO <sub>2</sub> )	mg/Nm <sup>3</sup>	<5	Not Specified	IS: 11255 (Part-07)
3	Sulphur Dioxide (SO <sub>2</sub> )	mg/Nm <sup>3</sup>	<5	Not Specified	IS: 11255 (Part-02)
4	Carbon Monoxide (CO)	% v/v	<0.2	1	IS: 13270
5	Persistent Organic Pollutants (POP) at 11% O <sub>2</sub>	ngTeq/Nm <sup>3</sup>	<0.1	--	GES/SOP/Stack-15
6	Volatile Organic Compound (VOC)	ppb	<1.0	--	GES/CH/SOP/Stack

Tumbler Stack Emission Report - Tested on - 08/11/2025 - 50 kg/hr - Tumbler No 2

S. No.	Parameters	Unit	Results	Limits as per the E(P)A Rules	Test Method
1	Particulate Matter (PM)	mg/Nm <sup>3</sup>	28.7	150	IS: 11255 (Part-01)
2	Oxide of Nitrogen (NO <sub>2</sub> )	mg/Nm <sup>3</sup>	<5	Not Specified	IS: 11255 (Part-07)
3	Sulphur Dioxide (SO <sub>2</sub> )	mg/Nm <sup>3</sup>	<5	Not Specified	IS: 11255 (Part-02)
4	Carbon Monoxide (CO)	% v/v	<0.2	1	IS: 13270
5	Persistent Organic Pollutants (POP) at 11% O <sub>2</sub>	ngTeq/Nm <sup>3</sup>	<0.1	--	GES/SOP/Stack-15
6	Volatile Organic Compound (VOC)	ppb	<1.0	--	GES/CH/SOP/Stack

Tumbler Stack Emission Report - Tested on - 08/11/2025 - 50 kg/hr - Tumbler No 3

S. No.	Parameters	Unit	Results	Limits as per the E(P)A Rules	Test Method
1	Particulate Matter (PM)	mg/Nm <sup>3</sup>	37.4	150	IS: 11255 (Part-01)
2	Oxide of Nitrogen (NO <sub>2</sub> )	mg/Nm <sup>3</sup>	<5	Not Specified	IS: 11255 (Part-07)
3	Sulphur Dioxide (SO <sub>2</sub> )	mg/Nm <sup>3</sup>	<5	Not Specified	IS: 11255 (Part-02)
4	Carbon Monoxide (CO)	% v/v	<0.2	1	IS: 13270
5	Persistent Organic Pollutants (POP) at 11% O <sub>2</sub>	ngTeq/Nm <sup>3</sup>	<0.1	--	GES/SOP/Stack-15
6	Volatile Organic Compound (VOC)	ppb	<1.0	--	GES/CH/SOP/Stack

# TUMBLER STACK EMISSION REPORT 2025 – 50 KG – TUMBLER NO. 1



**GREEN ENVIRO TECH SERVICES PVT. LTD.**

(A GOVERNMENT APPROVED LAB) *An Analytical Laboratory*

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TC-15751

## TEST REPORT Stack

Test Report Number	GES/R1125/08025		Issued Date: 13.11.2025
Customer Name & Address	Issued to: M/s Messianic Clothing Pvt. Ltd. A-13, Hosiery Complex, Phase-II, Extension, Noida, Uttar Pradesh		
<b>Details of Sample</b>			
Job Order Number	GES/2025/11A08025	Sample Receiving Date	08.11.2025
Sample Description	Stack	Analysis Start Date	08.11.2025
Sampling Protocol	IS: 11255 & CPCB Guidelines	Analysis End Date	12.11.2025

### Stack Emission Analysis

#### Sample Particulars:

Sample Name : Stack Emission  
Stack attached to : Tumbler NO-01  
Capacity of Boiler : 50 kg  
Date of Sampling : 07.11.2025  
Normal Operating Schedule : as per requirement  
Type of Fuel : PNG  
Type of Stack : MS/ Circular  
Stack Height from Ground Level : 15 mtr  
Stack Diameter : 100 mm  
Sampling Duration (Minutes) : 34  
Ambient Temperature (°C) : 28  
Stack Temperature (°C) : 72  
Stack Gas Velocity (m/s), Avg : 17.5  
Quantity of Flue Gas Emission (m<sup>3</sup>/Hr) : 419  
APCS Attached : NIL  
Sample Packing & Marking : Plastic Bottle, Thimble Packed in Zip Polybag

### ANALYSIS RESULT

S. No.	Parameters	Unit	Results	Limits as per the E(P/A Rules)	Test Method
1.	Particulate Matter (PM)	mg/Nm <sup>3</sup>	34.8	150	IS: 11255 (Part-01)
2.	Oxide of Nitrogen (NO <sub>2</sub> )	mg/Nm <sup>3</sup>	<5	Not Specified	IS: 11255 (Part-07)
3.	Sulphur Dioxide (SO <sub>2</sub> )	mg/Nm <sup>3</sup>	<5	Not Specified	IS: 11255 (Part-02)
4.	Carbon Monoxide (CO)	% v/v	<0.2	1.0	IS: 13270



Checked by  
Form No. GES/RF-05, Issue No.-01, Issue Date- 20.08.2024

Green Enviro Tech Services Pvt. Ltd.

*Dharmendra Kumar*  
Dharmendra Kumar  
Quality Manager  
Authorized by

# TUMBLER STACK EMISSION REPORT 2025 – 50 KG – TUMBLER NO. 2



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TC-15751

## TEST REPORT Stack

Test Report Number	GES/R1125/08026		Issued Date: 13.11.2025
Customer Name & Address	Issued to: M/s Messianic Clothing Pvt. Ltd. A-13, Hosiery Complex, Phase-II, Extension, Noida, Uttar Pradesh		
<b>Details of Sample</b>			
Job Order Number	GES/2025/11A08026	Sample Receiving Date	08.11.2025
Sample Description	Stack	Analysis Start Date	08.11.2025
Sampling Protocol	IS: 11255 & CPCB Guidelines	Analysis End Date	12.11.2025

### Stack Emission Analysis

#### Sample Particulars:

Sample Name : Stack Emission  
Stack attached to : Tumbler NO-02  
Capacity of Boiler : 50 kg  
Date of Sampling : 07.11.2025  
Normal Operating Schedule : as per requirement  
Type of Fuel : PNG  
Type of Stack : MS/ Circular  
Stack Height from Ground Level : 15 mtr  
Stack Diameter : 100 mm  
Sampling Duration (Minutes) : 40  
Ambient Temperature (°C) : 28  
Stack Temperature (°C) : 65  
Stack Gas Velocity (m/s), Avg : 14.8  
Quantity of Flue Gas Emission (m<sup>3</sup>/Hr) : 362  
APCS Attached : NIL  
Sample Packing & Marking : Plastic Bottle, Thimble Packed in Zip Polybag

### ANALYSIS RESULT

S. No.	Parameters	Unit	Results	Limits as per the E(P/A Rules)	Test Method
1.	Particulate Matter (PM)	mg/Nm <sup>3</sup>	28.7	150	IS: 11255 (Part-01)
2.	Oxide of Nitrogen (NO <sub>2</sub> )	mg/Nm <sup>3</sup>	<5	Not Specified	IS: 11255 (Part-07)
3.	Sulphur Dioxide (SO <sub>2</sub> )	mg/Nm <sup>3</sup>	<5	Not Specified	IS: 11255 (Part-02)
4.	Carbon Monoxide (CO)	% v/v	<0.2	1.0	IS: 13270



Checked by  
Form No. GES/RF-05, Issue No.-01, Issue Date- 20.08.2024

Green Enviro Tech Services Pvt. Ltd.

*Dharmendra Kumar*  
Dharmendra Kumar  
Quality Manager  
Authorized by

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\*\*\* End of Report \*\*\*

# TUMBLER STACK EMISSION REPORT 2025 – 50 KG – TUMBLER NO. 3



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## TEST REPORT

### Stack

Test Report Number	GES/R1125/08027	Issued Date: 13.11.2025	
Customer Name & Address	Issued to: M/s Messianic Clothing Pvt. Ltd. A-13, Hosiery Complex, Phase-II, Extension, Noida, Uttar Pradesh		
<b>Details of Sample</b>			
Job Order Number	GES/2025/11A08027	Sample Receiving Date	08.11.2025
Sample Description	Stack	Analysis Start Date	08.11.2025
Sampling Protocol	IS: 11255 & CPCB Guidelines	Analysis End Date	12.11.2025

### Stack Emission Analysis

**Sample Particulars:**

Sample Name : Stack Emission  
 Stack attached to : Tumbler NO-03  
 Capacity of Boiler : 50 kg  
 Date of Sampling : 07.11.2025  
 Normal Operating Schedule : as per requirement  
 Type of Fuel : PNG  
 Type of Stack : MS/ Circular  
 Stack Height from Ground Level : 15 mtr  
 Stack Diameter : 100 mm  
 Sampling Duration (Minutes) : 33  
 Ambient Temperature (°C) : 32  
 Stack Temperature (°C) : 52  
 Stack Gas Velocity (m/s), Avg : 17.2  
 Quantity of Flue Gas Emission (m<sup>3</sup>/Hr) : 437  
 APCS Attached : NIL  
 Sample Packing & Marking : Plastic Bottle, Thimble Packed in Zip Polybag

### ANALYSIS RESULT

S. No.	Parameters	Unit	Results	Limits as per the E(P)A Rules	Test Method
1.	Particulate Matter (PM)	mg/Nm <sup>3</sup>	37.4	150	IS: 11255 (Part-01)
2.	Oxide of Nitrogen (NO <sub>2</sub> )	mg/Nm <sup>3</sup>	<5	Not Specified	IS: 11255 (Part-07)
3.	Sulphur Dioxide (SO <sub>2</sub> )	mg/Nm <sup>3</sup>	<5	Not Specified	IS: 11255 (Part-02)
4.	Carbon Monoxide (CO)	% v/v	<0.2	1.0	IS: 13270



Green Enviro Tech Services Pvt. Ltd.

**Dhirendra Kumar**  
 Quality Manager  
 Authorized by

Page 01 of 01  
\*\*\*End of Report\*\*\*



# **COMPLIANCE & IMPROVEMENT MEASURES**

**Regulatory Compliance:** Align with CPCB, IPCC, and EPA emission thresholds.

**Emission Reduction Strategies:** Shift to low-emission fuels, energy efficiency projects.

**Technology Upgrades:** Use cleaner industrial processes & efficient transport options.

**Periodic Audits & Reporting:** Conduct annual environmental audits & transparency reporting.



## CONCLUSION

This framework ensures **comprehensive non-GHG emissions reporting**, aligning with **ISO 14001 standards** and focusing on **operational control, regulatory compliance, and continuous improvement**.

By implementing this approach, Messianic Clothing Pvt. Ltd. aims to enhance **environmental responsibility, transparency, and sustainability efforts**.

END OF REPORT